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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

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

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Overview for Request: cder_mpl2p_wp023

Request ID: cder_mpl2p_wp023_nsdp_v01

Request Description: In this report we estimated the association between use of modafinil/armodafinil compared to use of active comparator medical products (amphetamines or methylphenidate) or non-use of those medical products and cardiac malformations in a cohort of pregnant women and their matched infants in the Sentinel Distributed Database (SDD).

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 9.4.1 with the Propensity Score Analysis module and ad hoc programming

Data Source: We distributed this request to six Sentinel Data Partners on June 20, 2020. These six Data Partners are a subset of the SDD and only include those that populate the Mother-Infant Linkage Table. Not all data partners contributed to all cohorts in the study; please see table titles for the number of data partners included. The study period included data from January 1, 2000 to December 31, 2019. Please see Appendix A for a list of dates of available data for each Data Partner.

Study Design: We identified females between the ages of 10 and 54 years of age with evidence of a live birth linked to an infant record, who did not have evidence of known teratogen use in the first trimester, who did not have evidence in the mother's or infant's record of a chromosomal abnormality diagnosis from 301 days before through 30 days after delivery, and who had prevalent use of modafinil or armodafinil, amphetamines, methylphenidate, or were unexposed in the first trimester of pregnancy (and 90 days prior to pregnancy start for the unexposed cohort). We evaluated the occurrence of cardiac malformations and compared the exposed (modafinil/armodafinil) and referent (amphetamines, methylphenidate, or unexposed) groups matched on propensity score. This is a Type 4 analysis using the Propensity Score Analysis module in the Query Request Package (QRP) documentation.

Exposure and Comparators: We defined the exposures of interest (modafinil, armodafinil) and comparators (amphetamines, methylphenidate) using outpatient dispensing data and National Drug Codes (NDCs). Each qualifying dispensing of the exposures of interest in the first trimester (index) was identified. Please see Appendix B for a list of generic and brand names of medical products used to define exposures in this request.

Outcomes of Interest: We looked for cardiac malformations in both mother and infant records from 90 days before delivery through 90 days after delivery. We defined cardiac malformations using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes. Cardiac malformations are grouped into three distinct categories: ventricular septal defects (VSD), right ventricular outflow tract obstruction (RVOTO) (this category was further broken out to RVOTO1 and RVOTO2, please see Appendix C for details), and other cardiac malformations (OTHER). Outcomes were not counted if there was evidence of chromosomal abnormalities in either the mother or infant's records from 90 days before to 90 days after delivery in any care setting. We counted outcomes for each category if they fulfilled these additional conditions:

- VSD – occurred at least twice in the inpatient care setting
- RVOTO1 – occurred at least once in any care setting with no evidence of preterm delivery
- RVOTO2 – occurred at least twice in the inpatient care setting
- OTHER – occurred at least once in the inpatient care setting

Pregnancy Episode Creation: We identified pregnancies ending in a live birth using the Sentinel Common Data Model (SCDM) Mother-Infant Linkage (MIL) Table. The Mother-Infant Linkage Table identifies live birth deliveries and matches mother patient IDs to infant patient IDs when possible. Live birth deliveries, as identified in the description above, are eligible for the MIL table when they have the following additional characteristics: the encounter occurred at least one year later than the start of Data Partner data availability, the woman was between 10 and 54 years of age, there is no evidence of delivery for 180 days prior, and the women had 391 days of continuous medical coverage, with gaps of up to 45 days allowed, through the delivery date and 90 days after delivery. We excluded pregnancies with evidence of known teratogen use in the first trimester and pregnancies with evidence of chromosomal abnormalities from 301 days before to 30 days after delivery. We defined known teratogens using NDC codes, and chromosomal abnormalities using ICD-9-CM and ICD-10-CM diagnosis codes. Infant records with the following characteristics are eligible for MIL table: date of birth identified at least one year later than the start of Data Partner data availability, and at least one day of enrollment with medical coverage during first year of life. Please see Appendix D for a list of generic and brand names of medical products and Appendix E for diagnosis and procedure codes used to define exclusions.

Overview for Request: cder_mpl2p_wp023

We estimated pregnancy episode duration using a claims-based algorithm.¹ This algorithm used ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre-term and post-term deliveries, to calculate the length of the pregnancy episode. Codes had to occur within seven days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days. Pregnancies were excluded from the cohort if there was evidence of a prior delivery in the 301 days before the delivery date of interest. Please see Appendix F for a list of ICD-9-CM and ICD-10-CM codes used in the gestational age algorithm.

Follow-up Time: We looked for outcomes in the 90 days prior to delivery date through 90 days after delivery.

Baseline Characteristics: We assessed the following characteristics at the delivery date: age, ethnicity, race, and year. Using ad hoc programming, we created the Obstetric Comorbidity Index² (OCI) and calculated scores based on 90 days prior to pregnancy start through 301 days after pregnancy start. We assessed the following characteristics in the 90 days prior to pregnancy through the first trimester: Attention Deficity Hyperactivity Disorder (ADHD), anxiety disorders, depressive disorders, all other psychiatric and neurological conditions, alcohol use, alcohol abuse or dependence, drug abuse or dependence, smoking, diabetes, gestational diabetes, hypertension, gestational hypertension, obesity, renal disease, gestational renal disease; and the following characteristics in the first trimester: psychotropic medications, antidiabetic medications, antihypertensive medications, buprenorphine, insulin, methadone, naloxone, naltrexone, opioids, and suspected teratogens. We defined baseline characteristics using ICD-9-CM and ICD-10-CM diagnosis codes, Current Procedural Terminology, Fourth Edition (CPT-4) procedure codes, and NDCs. Please see Appendix G for a list of diagnosis and procedure codes, Appendix H for a list of generic and brand names of medical products used to define baseline characteristics in this request.

Sensitivity Analyses: We performed sensitivity analyses for the number of dispensings observed for modafinil and/or armodafinil:

- One dispensing: we excluded patients if they had evidence of two or more modafinil/armodafinil dispensings
- Two or more dispensings: we excluded patients if they had evidence of only one modafinil/armodafinil dispensing

Propensity Score Estimation: We created two propensity score models: one minimally specified model (including age, OCI, anxiety disorders, depressive disorders, all other psychiatric and neurological conditions, and psychotropic medications); and one fully specified model (including all variables from the minimal model plus obesity, renal disease, antihypertensive medications, opioids, and suspected teratogens). The Propensity Score Analysis module was used to calculate the propensity scores and identify matched cohorts based on propensity scores within each Data Partner.

Matching: The matching ratio for the propensity score was 1:1. Pregnancy episodes in the exposed and referent cohorts were nearest neighbor matched without replacement. The matching caliper was 0.05.

Analysis: For each comparison, we used logistic regression models to estimate odds ratios and corresponding 95% confidence intervals for the unmatched and matched analyses. Subgroups of effect estimation included: age group.

Please see Appendix I for detailed specifications and Appendix J for details on characteristics included in this request.

Limitations: Algorithms to define exposures, outcomes, inclusion and exclusion criteria, and characteristics are imperfect and may be misclassified. Race data may be incompletely reported by Data Partner. Therefore, data should be interpreted with this limitation in mind.

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

1 Li, Q., et al., Validation of an algorithm to estimate gestational age in electronic health plan databases. *Pharmacoepidemiol Drug Saf*, 2013. 22(5): p. 524-32.

2 Bateman BT, et al (2013). "Development of a comorbidity index for use in obstetric patients." *Obstet Gynecol. J* 122(5):957-65.

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Glossary (PSA) List of Terms related to the Propensity Score Analysis (PSA) Tool found in this Report and their Definitions

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*all terms may not be used in this report

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*all terms may not be used in this report

Table 1a. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	527	100.0%	1,570,267	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean Maternal age at index date	31.7	4.7	30.3	4.7	1.404	0.299
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	405	76.9%	1,275,124	81.2%	-4.354	-0.107
35-54	122	23.1%	295,143	18.8%	4.354	0.107
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	20,560	1.3%	-1.309	-
2002	2	0.4%	20,016	1.3%	-0.895	-0.099
2003	5	0.9%	16,401	1.0%	-0.096	-0.010
2004	8	1.5%	14,856	0.9%	0.572	0.052
2005	10	1.9%	14,775	0.9%	0.957	0.081
2006	12	2.3%	15,161	1.0%	1.312	0.104
2007	31	5.9%	62,749	4.0%	1.886	0.087
2008	23	4.4%	68,460	4.4%	0.005	0.000
2009	58	11.0%	154,731	9.9%	1.152	0.038
2010	52	9.9%	146,408	9.3%	0.543	0.018
2011	35	6.6%	127,873	8.1%	-1.502	-0.057
2012	46	8.7%	115,348	7.3%	1.383	0.051
2013	38	7.2%	108,714	6.9%	0.287	0.011
2014	32	6.1%	122,334	7.8%	-1.719	-0.068
2015	39	7.4%	130,022	8.3%	-0.880	-0.033
2016	50	9.5%	132,346	8.4%	1.059	0.037
2017	34	6.5%	122,249	7.8%	-1.334	-0.052
2018	35	6.6%	119,556	7.6%	-0.972	-0.038
2019	17	3.2%	57,708	3.7%	-0.449	-0.025
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	896	0.1%	0.133	0.038
Race (Asian)	-	0.0%	16,216	1.0%	-1.033	-
Race (Black or African American)	1	0.2%	49,454	3.1%	-2.960	-0.233
Race (Native Hawaiian or Other Pacific Islander)	1	0.2%	748	0.0%	0.142	0.041

Table 1a. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Unknown)	431	81.8%	1,335,745	85.1%	-3.281	-0.088
Race (White)	93	17.6%	167,208	10.6%	6.999	0.202
Hispanic	7	1.3%	17,770	1.1%	0.197	0.018
Pregnancy Characteristics						
Preterm	37	7.0%	88,310	5.6%	1.397	0.057
Term	96	18.2%	292,643	18.6%	-0.420	-0.011
Postterm	76	14.4%	283,166	18.0%	-3.612	-0.098
Unknown term	318	60.3%	906,148	57.7%	2.635	0.054
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	40.0	1.3	-0.113	-0.086
Exposure Characteristics						
Gestational age of first exposure, weeks	-7.9	22.2	0.0	0.1	-7.902	-0.502
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.0	0.0	0.672	-
Mean number of dispensings in first trimester	1.8	1.0	0.0	0.0	1.822	-
Mean number of dispensings in second trimester	0.6	1.2	0.0	0.0	0.554	0.671
Mean number of dispensings in third trimester	0.4	1.0	0.0	0.0	0.361	0.496
	Number	Percent	Number	Percent		
Exposed during first trimester	527	100.0%	-	0.0%	100.000	-
Exposed during second trimester	132	25.0%	7	0.0%	25.047	0.818
Exposed during third trimester	80	15.2%	12	0.0%	15.180	0.598
Exposed during user-defined pre-pregnancy period	355	67.4%	-	0.0%	67.362	-
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index	1.6	2.0	1.1	1.6	0.510	0.287
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	196	37.2%	756,808	48.2%	-11.004	-0.224
1-2	211	40.0%	601,591	38.3%	1.727	0.035
3-4	69	13.1%	140,001	8.9%	4.177	0.134
5-6	34	6.5%	49,166	3.1%	3.321	0.156
7-8	13	2.5%	16,695	1.1%	1.404	0.107
9-10	2	0.4%	4,294	0.3%	0.106	0.019

Table 1a. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
>10	2	0.4%	1,712	0.1%	0.270	0.055
Anxiety Disorders	92	17.5%	73,271	4.7%	12.791	0.417
Depressive Disorders	129	24.5%	76,878	4.9%	19.582	0.576
All other psychiatric and neurologic conditions	83	15.7%	68,680	4.4%	11.376	0.385
Obesity	40	7.6%	53,887	3.4%	4.158	0.183
Renal Disease	18	3.4%	54,830	3.5%	-0.076	-0.004
Alcohol Abuse or Dependence	6	1.1%	3,051	0.2%	0.944	0.116
Alcohol Use	1	0.2%	75	0.0%	0.185	0.059
Diabetes	7	1.3%	19,249	1.2%	0.102	0.009
Drug Abuse or Dependence	28	5.3%	12,260	0.8%	4.532	0.266
Gestational Diabetes	-	0.0%	9,716	0.6%	-0.619	-
Gestational Hypertension	-	0.0%	2,738	0.2%	-0.174	-
Gestational Renal Disease	1	0.2%	1,109	0.1%	0.119	0.033
Hypertension	22	4.2%	37,531	2.4%	1.784	0.100
Smoking	17	3.2%	38,444	2.4%	0.778	0.047
Baseline² Medical Product Use						
Psychotropic medications	260	49.3%	134,493	8.6%	40.771	1.006
Antihypertensive medications	35	6.6%	31,287	2.0%	4.649	0.230
Opioids	85	16.1%	81,494	5.2%	10.939	0.360
Suspected teratogens	79	15.0%	159,464	10.2%	4.835	0.146
Antidiabetic medications	15	2.8%	28,967	1.8%	1.002	0.066
Buprenorphine	6	1.1%	1,602	0.1%	1.036	0.132
Insulin	4	0.8%	8,167	0.5%	0.239	0.030
Methadone	2	0.4%	153	0.0%	0.370	0.084
Naloxone	2	0.4%	57	0.0%	0.376	0.086
Naltrexone	-	0.0%	205	0.0%	-0.013	-
Baseline² Health Service Utilization Intensity						
Emergency room encounters	0.1	0.5	0.1	0.4	0.041	0.095
Inpatient hospital encounters	0.0	0.1	0.0	0.1	0.001	0.006
Unique generics dispensed	4.3	3.0	1.4	2.0	2.912	1.138

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

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1b. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	566	100.0%	2,407	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.6	4.7	30.1	5.2	1.452	0.294
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	439	77.6%	1,876	77.9%	-0.378	-0.009
35-54	127	22.4%	531	22.1%	0.378	0.009
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	11	0.5%	-0.457	-
2002	2	0.4%	3	0.1%	0.229	0.047
2003	5	0.9%	6	0.2%	0.634	0.085
2004	10	1.8%	20	0.8%	0.936	0.083
2005	11	1.9%	30	1.2%	0.697	0.056
2006	17	3.0%	35	1.5%	1.549	0.105
2007	35	6.2%	81	3.4%	2.819	0.132
2008	24	4.2%	107	4.4%	-0.205	-0.010
2009	61	10.8%	177	7.4%	3.424	0.119
2010	54	9.5%	210	8.7%	0.816	0.028
2011	34	6.0%	183	7.6%	-1.596	-0.063
2012	49	8.7%	177	7.4%	1.304	0.048
2013	39	6.9%	222	9.2%	-2.333	-0.086
2014	34	6.0%	184	7.6%	-1.637	-0.065
2015	43	7.6%	229	9.5%	-1.917	-0.069
2016	53	9.4%	218	9.1%	0.307	0.011
2017	36	6.4%	226	9.4%	-3.029	-0.113
2018	40	7.1%	203	8.4%	-1.367	-0.051
2019	19	3.4%	85	3.5%	-0.174	-0.010
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	2	0.1%	0.094	0.026
Race (Asian)	-	0.0%	2	0.1%	-0.083	-
Race (Black or African American)	4	0.7%	45	1.9%	-1.163	-0.103
Race (Native Hawaiian or Other Pacific)	1	0.2%	-	0.0%	0.177	-
Race (Unknown)	452	79.9%	1,977	82.1%	-2.277	-0.058
Race (White)	108	19.1%	381	15.8%	3.252	0.086
Hispanic	7	1.2%	8	0.3%	0.904	0.103

Table 1b. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Pregnancy Characteristics						
Preterm	40	7.1%	173	7.2%	-0.120	-0.005
Term	100	17.7%	515	21.4%	-3.728	-0.094
Postterm	84	14.8%	391	16.2%	-1.403	-0.039
Unknown term	342	60.4%	1,328	55.2%	5.252	0.106
	Mean	Standard Deviation	Mean	Standard Deviation		
Gestational age at delivery	39.9	1.3	39.9	1.4	-0.009	-0.007
Exposure Characteristics						
Gestational age of first exposure, weeks,	-7.8	22.1	-21.5	59.9	13.698	0.304
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.7	0.5	-0.049	-0.103
Mean number of dispensings in first trimester	1.8	1.0	2.0	1.1	-0.152	-0.148
Mean number of dispensings in second trimester	0.5	1.1	0.7	1.2	-0.185	-0.155
Mean number of dispensings in third trimester	0.3	1.0	0.5	1.2	-0.207	-0.187
	Number	Percent	Number	Percent		
Exposed during first trimester	566	100.0%	2,407	100.0%	0.000	-
Exposed during second trimester	141	24.9%	777	32.3%	-7.369	-0.164
Exposed during third trimester	81	14.3%	485	20.1%	-5.839	-0.155
Exposed during user-defined pre-pregnancy period	379	67.0%	1,755	72.9%	-5.951	-0.130
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index	1.6	2.0	1.4	1.8	0.217	0.115
Obstetric comorbidity categories						
	Number	Percent	Number	Percent		
0	215	38.0%	968	40.2%	-2.230	-0.046
1-2	220	38.9%	983	40.8%	-1.970	-0.040
3-4	76	13.4%	299	12.4%	1.005	0.030
5-6	37	6.5%	115	4.8%	1.759	0.076
7-8	14	2.5%	25	1.0%	1.435	0.109
9-10	2	0.4%	9	0.4%	-0.021	-0.003
>10	2	0.4%	8	0.3%	0.021	0.004
Anxiety Disorders	98	17.3%	509	21.1%	-3.832	-0.097
Depressive Disorders	141	24.9%	627	26.0%	-1.137	-0.026

Table 1b. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant	Standardized Difference
	Number	Percent	Number	Percent		
All other psychiatric and neurologic conditions	92	16.3%	1,385	57.5%	-41.286	-0.947
Obesity	44	7.8%	131	5.4%	2.331	0.094
Renal Disease	19	3.4%	94	3.9%	-0.548	-0.029
Alcohol Abuse or Dependence	7	1.2%	26	1.1%	0.157	0.015
Alcohol Use	1	0.2%	1	0.0%	0.135	0.041
Diabetes	10	1.8%	28	1.2%	0.604	0.050
Drug Abuse or Dependence	30	5.3%	93	3.9%	1.437	0.069
Gestational Diabetes	-	0.0%	11	0.5%	-0.457	-
Gestational Hypertension	-	0.0%	7	0.3%	-0.291	-
Gestational Renal Disease	1	0.2%	7	0.3%	-0.114	-0.024
Hypertension	25	4.4%	81	3.4%	1.052	0.054
Smoking	22	3.9%	112	4.7%	-0.766	-0.038
Baseline² Medical Product Use						
Psychotropic medications	279	49.3%	1,098	45.6%	3.676	0.074
Antihypertensive medications	37	6.5%	103	4.3%	2.258	0.100
Opioids	93	16.4%	276	11.5%	4.965	0.144
Suspected teratogens	86	15.2%	312	13.0%	2.232	0.064
Antidiabetic medications	16	2.8%	57	2.4%	0.459	0.029
Buprenorphine	7	1.2%	23	1.0%	0.281	0.027
Insulin	5	0.9%	9	0.4%	0.509	0.064
Methadone	2	0.4%	2	0.1%	0.270	0.058
Naloxone	3	0.5%	-	0.0%	0.530	-
Naltrexone	1	0.2%	4	0.2%	0.010	0.003
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room	0.2	0.5	0.1	0.4	0.020	0.042
Mean number of inpatient hospital	0.0	0.2	0.0	0.1	0.008	0.057
Mean number of unique generics	4.4	3.1	3.7	2.8	0.619	0.212

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1c. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	567	100.0%	15,370	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.6	4.7	30.3	4.5	1.252	0.272
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	439	77.4%	12,940	84.2%	-6.765	-0.172
35-54	128	22.6%	2,430	15.8%	6.765	0.172
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	4	0.0%	-0.026	-
2002	2	0.4%	6	0.0%	0.314	0.071
2003	5	0.9%	13	0.1%	0.797	0.115
2004	10	1.8%	31	0.2%	1.562	0.159
2005	11	1.9%	53	0.3%	1.595	0.151
2006	17	3.0%	72	0.5%	2.530	0.195
2007	35	6.2%	200	1.3%	4.872	0.259
2008	24	4.2%	263	1.7%	2.522	0.149
2009	61	10.8%	712	4.6%	6.126	0.231
2010	54	9.5%	860	5.6%	3.928	0.149
2011	35	6.2%	1,012	6.6%	-0.411	-0.017
2012	49	8.6%	1,087	7.1%	1.570	0.058
2013	39	6.9%	1,106	7.2%	-0.318	-0.012
2014	34	6.0%	1,460	9.5%	-3.503	-0.131
2015	43	7.6%	1,685	11.0%	-3.379	-0.117
2016	53	9.3%	1,854	12.1%	-2.715	-0.088
2017	36	6.3%	1,947	12.7%	-6.318	-0.217
2018	40	7.1%	1,947	12.7%	-5.613	-0.189
2019	19	3.4%	1,058	6.9%	-3.533	-0.161
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	9	0.1%	0.118	0.034
Race (Asian)	-	0.0%	32	0.2%	-0.208	-
Race (Black or African American)	4	0.7%	96	0.6%	0.081	0.010

Table 1c. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Native Hawaiian or Other Pacific Islander)	1	0.2%	5	0.0%	0.144	0.045
Race (Unknown)	452	79.7%	13,105	85.3%	-5.546	-0.146
Race (White)	109	19.2%	2,123	13.8%	5.411	0.146
Hispanic	7	1.2%	95	0.6%	0.616	0.064
Pregnancy Characteristics						
Preterm	40	7.1%	1,004	6.5%	0.522	0.021
Term	100	17.6%	4,762	31.0%	-13.346	-0.315
Postterm	84	14.8%	2,815	18.3%	-3.500	-0.094
Unknown term	343	60.5%	6,789	44.2%	16.323	0.331
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.8	1.4	0.018	0.013
Exposure Characteristics						
Gestational age of first exposure, weeks	-7.8	22.1	-23.2	50.6	15.382	0.394
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.7	0.4	-0.081	-0.175
Mean number of dispensings in first trimester	1.8	1.0	2.3	1.1	-0.446	-0.426
Mean number of dispensings in second trimester	0.5	1.1	1.0	1.4	-0.467	-0.365
Mean number of dispensings in third trimester	0.3	1.0	0.7	1.3	-0.375	-0.321
	Number	Percent	Number	Percent		
Exposed during first trimester	567	100.0%	15,370	100.0%	0.000	-
Exposed during second trimester	141	24.9%	6,432	41.8%	-16.980	-0.366
Exposed during third trimester	81	14.3%	4,141	26.9%	-12.656	-0.317
Exposed during user-defined pre-pregnancy period	379	66.8%	11,887	77.3%	-10.496	-0.236
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.6	2.0	1.4	1.8	0.264	0.141
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	215	37.9%	6,532	42.5%	-4.580	-0.094
1-2	220	38.8%	6,040	39.3%	-0.497	-0.010

Table 1c. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
3-4	77	13.6%	1,800	11.7%	1.869	0.056
5-6	37	6.5%	666	4.3%	2.192	0.097
7-8	14	2.5%	231	1.5%	0.966	0.069
9-10	2	0.4%	71	0.5%	-0.109	-0.017
>10	2	0.4%	30	0.2%	0.158	0.030
Anxiety Disorders	99	17.5%	3,062	19.9%	-2.462	-0.063
Depressive Disorders	142	25.0%	2,929	19.1%	5.987	0.145
All other psychiatric and neurologic conditions	92	16.2%	9,862	64.2%	-47.938	-1.121
Obesity	44	7.8%	653	4.2%	3.512	0.148
Renal Disease	19	3.4%	654	4.3%	-0.904	-0.047
Alcohol Abuse or Dependence	7	1.2%	113	0.7%	0.499	0.051
Alcohol Use	1	0.2%	6	0.0%	0.137	0.042
Diabetes	10	1.8%	156	1.0%	0.749	0.064
Drug Abuse or Dependence	30	5.3%	605	3.9%	1.355	0.065
Gestational Diabetes	-	0.0%	54	0.4%	-0.351	-
Gestational Hypertension	-	0.0%	28	0.2%	-0.182	-
Gestational Renal Disease	1	0.2%	13	0.1%	0.092	0.025
Hypertension	25	4.4%	526	3.4%	0.987	0.051
Smoking	22	3.9%	1,023	6.7%	-2.776	-0.124
Baseline² Medical Product Use						
Psychotropic medications	280	49.4%	5,841	38.0%	11.380	0.231
Antihypertensive medications	37	6.5%	651	4.2%	2.290	0.102
Opioids	93	16.4%	1,881	12.2%	4.164	0.119
Suspected teratogens	86	15.2%	2,119	13.8%	1.381	0.039
Antidiabetic medications	16	2.8%	248	1.6%	1.208	0.082
Buprenorphine	7	1.2%	143	0.9%	0.304	0.029
Insulin	5	0.9%	63	0.4%	0.472	0.059
Methadone	2	0.4%	11	0.1%	0.281	0.061
Naloxone	3	0.5%	2	0.0%	0.516	0.099
Naltrexone	1	0.2%	13	0.1%	0.092	0.025
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.2	0.5	0.1	0.4	0.034	0.071

Table 1c. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.007	0.052
Mean number of unique generics dispensed	4.3	3.1	3.5	2.6	0.892	0.314

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1d. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	258	100.0%	1,532,512	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.6	4.8	30.3	4.7	1.265	0.267
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	203	78.7%	1,244,734	81.2%	-2.540	-0.063
35-54	55	21.3%	287,778	18.8%	2.540	0.063
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	20,560	1.3%	-1.342	-
2002	1	0.4%	20,016	1.3%	-0.918	-0.100
2003	4	1.6%	16,401	1.1%	0.480	0.042
2004	3	1.2%	14,857	1.0%	0.193	0.019
2005	4	1.6%	14,775	1.0%	0.586	0.053
2006	6	2.3%	15,162	1.0%	1.336	0.105
2007	10	3.9%	62,749	4.1%	-0.219	-0.011
2008	10	3.9%	65,709	4.3%	-0.412	-0.021
2009	35	13.6%	149,330	9.7%	3.822	0.119
2010	29	11.2%	142,018	9.3%	1.973	0.065
2011	15	5.8%	124,113	8.1%	-2.285	-0.090
2012	22	8.5%	111,852	7.3%	1.229	0.046
2013	16	6.2%	105,357	6.9%	-0.673	-0.027
2014	15	5.8%	119,455	7.8%	-1.981	-0.079
2015	24	9.3%	127,195	8.3%	1.003	0.035
2016	22	8.5%	129,516	8.5%	0.076	0.003
2017	15	5.8%	119,610	7.8%	-1.991	-0.079
2018	19	7.4%	116,975	7.6%	-0.269	-0.010
2019	8	3.1%	56,862	3.7%	-0.610	-0.034
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	895	0.1%	-0.058	-
Race (Asian)	-	0.0%	16,216	1.1%	-1.058	-
Race (Black or African American)	1	0.4%	49,450	3.2%	-2.839	-0.214
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	747	0.0%	-0.049	-

Table 1d. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Unknown)	208	80.6%	1,298,014	84.7%	-4.078	-0.108
Race (White)	49	19.0%	167,190	10.9%	8.083	0.228
Hispanic	4	1.6%	17,766	1.2%	0.391	0.034
Pregnancy Characteristics						
Preterm	19	7.4%	86,314	5.6%	1.732	0.070
Term	46	17.8%	286,298	18.7%	-0.852	-0.022
Postterm	36	14.0%	277,044	18.1%	-4.124	-0.113
Unknown term	157	60.9%	882,856	57.6%	3.244	0.066
Mean gestational age at delivery	39.9	1.4	40.0	1.3	-0.116	-0.087
Exposure Characteristics						
Gestational age of first exposure, ¹	-1.6	8.4	0.0	0.1	-1.562	-0.262
Mean number of dispensings in pr	0.5	0.5	0.0	0.0	0.516	-
Mean number of dispensings in fir	1.0	0.1	0.0	0.0	1.008	-
Mean number of dispensings in se	0.1	0.3	0.0	0.0	0.081	0.351
Mean number of dispensings in th	0.0	0.2	0.0	0.0	0.023	0.217
Exposed during first trimester	258	100.0%	-	0.0%	100.000	-
Exposed during second trimester	18	7.0%	7	0.0%	6.976	0.387
Exposed during third trimester	6	2.3%	12	0.0%	2.325	0.218
Exposed during user-defined pre-pregnancy period	133	51.6%	-	0.0%	51.550	-
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index	1.7	2.0	1.1	1.6	0.575	0.319
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	93	36.0%	738,848	48.2%	-12.165	-0.248
1-2	102	39.5%	586,779	38.3%	1.246	0.026
3-4	35	13.6%	136,594	8.9%	4.653	0.148
5-6	19	7.4%	48,090	3.1%	4.226	0.190
7-8	7	2.7%	16,309	1.1%	1.649	0.121
9-10	1	0.4%	4,215	0.3%	0.113	0.020
>10	1	0.4%	1,677	0.1%	0.278	0.056
Anxiety Disorders	44	17.1%	71,784	4.7%	12.370	0.406
Depressive Disorders	50	19.4%	75,421	4.9%	14.458	0.454
All other psychiatric and neurologic conditions	28	10.9%	67,603	4.4%	6.441	0.244
Obesity	23	8.9%	52,776	3.4%	5.471	0.229
Renal Disease	7	2.7%	53,564	3.5%	-0.782	-0.045

Table 1d. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Alcohol Abuse or Dependence	4	1.6%	3,004	0.2%	1.354	0.146
Alcohol Use	1	0.4%	74	0.0%	0.383	0.087
Diabetes	4	1.6%	18,854	1.2%	0.320	0.027
Drug Abuse or Dependence	8	3.1%	12,046	0.8%	2.315	0.168
Gestational Diabetes	-	0.0%	9,522	0.6%	-0.621	-
Gestational Hypertension	-	0.0%	2,664	0.2%	-0.174	-
Gestational Renal Disease	1	0.4%	1,086	0.1%	0.317	0.066
Hypertension	10	3.9%	36,620	2.4%	1.486	0.085
Smoking	5	1.9%	37,899	2.5%	-0.535	-0.036
Baseline² Medical Product Use						
Psychotropic medications	111	43.0%	131,180	8.6%	34.463	0.857
Antihypertensive medications	16	6.2%	30,448	2.0%	4.215	0.214
Opioids	35	13.6%	79,920	5.2%	8.351	0.289
Suspected teratogens	39	15.1%	155,839	10.2%	4.947	0.149
Antidiabetic medications	8	3.1%	28,228	1.8%	1.259	0.081
Buprenorphine	-	0.0%	1,584	0.1%	-0.103	-
Insulin	1	0.4%	7,997	0.5%	-0.134	-0.020
Methadone	-	0.0%	151	0.0%	-0.010	-
Naloxone	1	0.4%	57	0.0%	0.384	0.087
Naltrexone	-	0.0%	196	0.0%	-0.013	-
Baseline³ Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.1	0.4	0.1	0.4	0.002	0.004
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	0.005	0.035
Mean number of unique generics dispensed	3.8	2.9	1.4	2.0	2.443	0.988

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1e. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	281	100.0%	2,354	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.6	4.8	30.1	5.1	1.461	0.294
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	222	79.0%	1,837	78.0%	0.966	0.024
35-54	59	21.0%	517	22.0%	-0.966	-0.024
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	11	0.5%	-0.467	-
2002	1	0.4%	3	0.1%	0.228	0.047
2003	4	1.4%	6	0.3%	1.169	0.128
2004	3	1.1%	20	0.8%	0.218	0.022
2005	4	1.4%	30	1.3%	0.149	0.013
2006	8	2.8%	35	1.5%	1.360	0.094
2007	11	3.9%	81	3.4%	0.474	0.025
2008	11	3.9%	105	4.5%	-0.546	-0.027
2009	37	13.2%	169	7.2%	5.988	0.199
2010	31	11.0%	206	8.8%	2.281	0.076
2011	14	5.0%	178	7.6%	-2.579	-0.107
2012	23	8.2%	170	7.2%	0.963	0.036
2013	17	6.0%	219	9.3%	-3.253	-0.122
2014	17	6.0%	182	7.7%	-1.682	-0.066
2015	26	9.3%	227	9.6%	-0.390	-0.013
2016	25	8.9%	207	8.8%	0.103	0.004
2017	17	6.0%	222	9.4%	-3.381	-0.127
2018	22	7.8%	202	8.6%	-0.752	-0.027
2019	10	3.6%	81	3.4%	0.118	0.006
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	2	0.1%	-0.085	-
Race (Asian)	-	0.0%	2	0.1%	-0.085	-
Race (Black or African American)	4	1.4%	45	1.9%	-0.488	-0.038
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	-	0.0%	0.000	-

Table 1e. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Unknown)	222	79.0%	1,924	81.7%	-2.730	-0.069
Race (White)	55	19.6%	381	16.2%	3.388	0.088
Hispanic	4	1.4%	8	0.3%	1.084	0.116
Pregnancy Characteristics						
Preterm	21	7.5%	171	7.3%	0.209	0.008
Term	50	17.8%	498	21.2%	-3.362	-0.085
Postterm	43	15.3%	386	16.4%	-1.095	-0.030
Unknown term	167	59.4%	1,299	55.2%	4.248	0.086
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.4	39.9	1.4	-0.010	-0.008
Exposure Characteristics						
Gestational age of first exposure, weeks	-1.4	8.3	-21.6	59.9	20.232	0.473
Mean number of dispensings in pre pregnancy period	0.5	0.5	0.7	0.5	-0.215	-0.441
Mean number of dispensings in first trimester	1.0	0.1	2.0	1.1	-0.962	-1.288
Mean number of dispensings in second trimester	0.1	0.3	0.7	1.2	-0.653	-0.716
Mean number of dispensings in third trimester	0.0	0.1	0.6	1.2	-0.529	-0.611
	Number	Percent	Number	Percent		
Exposed during first trimester	281	100.0%	2,354	100.0%	0.000	-
Exposed during second trimester	20	7.1%	763	32.4%	-25.295	-0.670
Exposed during third trimester	6	2.1%	478	20.3%	-18.171	-0.601
Exposed during user-defined pre-pregnancy period	142	50.5%	1,723	73.2%	-22.661	-0.480
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.7	2.0	1.4	1.8	0.265	0.139
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	106	37.7%	946	40.2%	-2.464	-0.051
1-2	106	37.7%	962	40.9%	-3.144	-0.064
3-4	39	13.9%	294	12.5%	1.390	0.041
5-6	20	7.1%	111	4.7%	2.402	0.102
7-8	8	2.8%	24	1.0%	1.827	0.133

Table 1e. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
9-10	1	0.4%	9	0.4%	-0.026	-0.004
>10	1	0.4%	8	0.3%	0.016	0.003
Anxiety Disorders	47	16.7%	495	21.0%	-4.302	-0.110
Depressive Disorders	56	19.9%	614	26.1%	-6.154	-0.147
All other psychiatric and neurologic conditions	32	11.4%	1,358	57.7%	-46.301	-1.115
Obesity	26	9.3%	129	5.5%	3.773	0.145
Renal Disease	8	2.8%	93	4.0%	-1.104	-0.061
Alcohol Abuse or Dependence	5	1.8%	26	1.1%	0.675	0.057
Alcohol Use	1	0.4%	1	0.0%	0.313	0.070
Diabetes	6	2.1%	28	1.2%	0.946	0.074
Drug Abuse or Dependence	9	3.2%	91	3.9%	-0.663	-0.036
Gestational Diabetes	-	0.0%	11	0.5%	-0.467	-
Gestational Hypertension	-	0.0%	7	0.3%	-0.297	-
Gestational Renal Disease	1	0.4%	6	0.3%	0.101	0.018
Hypertension	12	4.3%	81	3.4%	0.830	0.043
Smoking	7	2.5%	110	4.7%	-2.182	-0.118
Baseline² Medical Product Use						
Psychotropic medications	121	43.1%	1,072	45.5%	-2.479	-0.050
Antihypertensive medications	18	6.4%	103	4.4%	2.030	0.090
Opioids	39	13.9%	276	11.7%	2.154	0.065
Suspected teratogens	44	15.7%	304	12.9%	2.744	0.078
Antidiabetic medications	9	3.2%	55	2.3%	0.866	0.053
Buprenorphine	-	0.0%	23	1.0%	-0.977	-
Insulin	2	0.7%	9	0.4%	0.329	0.045
Methadone	-	0.0%	2	0.1%	-0.085	-
Naloxone	1	0.4%	-	0.0%	0.356	-
Naltrexone	1	0.4%	3	0.1%	0.228	0.047
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.1	0.4	0.1	0.4	-0.027	-0.064
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	0.004	0.031

Table 1e. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Mean number of unique generics dispensed	3.9	2.8	3.7	2.8	0.131	0.047

⁴Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

⁵Covariates in blue show a standardized difference greater than 0.1

Table 1f. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	282	100.0%	14,879	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.6	4.8	30.3	4.5	1.254	0.270
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	222	78.7%	12,513	84.1%	-5.375	-0.138
35-54	60	21.3%	2,366	15.9%	5.375	0.138
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	4	0.0%	-0.027	-
2002	1	0.4%	6	0.0%	0.314	0.071
2003	4	1.4%	13	0.1%	1.331	0.154
2004	3	1.1%	31	0.2%	0.855	0.108
2005	4	1.4%	53	0.4%	1.062	0.113
2006	8	2.8%	72	0.5%	2.353	0.185
2007	11	3.9%	200	1.3%	2.557	0.160
2008	11	3.9%	248	1.7%	2.234	0.136
2009	37	13.1%	677	4.6%	8.571	0.305
2010	31	11.0%	822	5.5%	5.468	0.200
2011	15	5.3%	976	6.6%	-1.240	-0.052
2012	23	8.2%	1,059	7.1%	1.039	0.039
2013	17	6.0%	1,061	7.1%	-1.102	-0.044
2014	17	6.0%	1,411	9.5%	-3.455	-0.129
2015	26	9.2%	1,635	11.0%	-1.769	-0.059
2016	25	8.9%	1,807	12.1%	-3.279	-0.107
2017	17	6.0%	1,876	12.6%	-6.580	-0.228
2018	22	7.8%	1,887	12.7%	-4.881	-0.162
2019	10	3.5%	1,041	7.0%	-3.450	-0.155
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	9	0.1%	-0.060	-
Race (Asian)	-	0.0%	32	0.2%	-0.215	-
Race (Black or African American)	4	1.4%	96	0.6%	0.773	0.077
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	5	0.0%	-0.034	-
Race (Unknown)	222	78.7%	12,615	84.8%	-6.061	-0.157

Table 1f. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	56	19.9%	2,122	14.3%	5.596	0.149
Hispanic	4	1.4%	95	0.6%	0.780	0.077
Pregnancy Characteristics						
Preterm	21	7.4%	964	6.5%	0.968	0.038
Term	50	17.7%	4,640	31.2%	-13.454	-0.317
Postterm	43	15.2%	2,728	18.3%	-3.086	-0.083
Unknown term	168	59.6%	6,547	44.0%	15.573	0.316
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.4	39.8	1.4	0.015	0.011
Exposure Characteristics						
Gestational age of first exposure, weeks	-1.4	8.2	-23.3	51.1	21.947	0.600
Mean number of dispensings in pre pregnancy period	0.5	0.5	0.7	0.4	-0.244	-0.516
Mean number of dispensings in first trimester	1.0	0.1	2.3	1.1	-1.252	-1.631
Mean number of dispensings in second trimester	0.1	0.3	1.0	1.4	-0.932	-0.918
Mean number of dispensings in third trimester	0.0	0.1	0.7	1.3	-0.695	-0.740
	Number	Percent	Number	Percent		
Exposed during first trimester	282	100.0%	14,879	100.0%	0.000	-
Exposed during second trimester	20	7.1%	6,239	41.9%	-34.839	-0.886
Exposed during third trimester	6	2.1%	4,020	27.0%	-24.890	-0.754
Exposed during user-defined pre-pregnancy period	142	50.4%	11,513	77.4%	-27.023	-0.586
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	106	37.6%	6,316	42.4%	-4.860	-0.099
1-2	106	37.6%	5,865	39.4%	-1.829	-0.038
3-4	40	14.2%	1,733	11.6%	2.537	0.076
5-6	20	7.1%	643	4.3%	2.771	0.120
7-8	8	2.8%	227	1.5%	1.311	0.090
9-10	1	0.4%	66	0.4%	-0.089	-0.014
>10	1	0.4%	29	0.2%	0.160	0.031

Table 1f. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Anxiety Disorders	48	17.0%	2,980	20.0%	-3.007	-0.077
Depressive Disorders	57	20.2%	2,855	19.2%	1.025	0.026
All other psychiatric and neurologic conditions	32	11.3%	9,576	64.4%	-53.012	-1.305
Obesity	26	9.2%	640	4.3%	4.918	0.197
Renal Disease	8	2.8%	641	4.3%	-1.471	-0.079
Alcohol Abuse or Dependence	5	1.8%	109	0.7%	1.040	0.094
Alcohol Use	1	0.4%	6	0.0%	0.314	0.071
Diabetes	6	2.1%	154	1.0%	1.093	0.088
Drug Abuse or Dependence	9	3.2%	592	4.0%	-0.787	-0.042
Gestational Diabetes	-	0.0%	53	0.4%	-0.356	-
Gestational Hypertension	-	0.0%	27	0.2%	-0.181	-
Gestational Renal Disease	1	0.4%	13	0.1%	0.267	0.057
Hypertension	12	4.3%	505	3.4%	0.861	0.045
Smoking	7	2.5%	1,001	6.7%	-4.245	-0.204
Baseline² Medical Product Use						
Psychotropic medications	122	43.3%	5,657	38.0%	5.242	0.107
Antihypertensive medications	18	6.4%	631	4.2%	2.142	0.096
Opioids	39	13.8%	1,831	12.3%	1.524	0.045
Suspected teratogens	44	15.6%	2,051	13.8%	1.818	0.051
Antidiabetic medications	9	3.2%	240	1.6%	1.578	0.103
Buprenorphine	-	0.0%	140	0.9%	-0.941	-
Insulin	2	0.7%	62	0.4%	0.293	0.039
Methadone	-	0.0%	11	0.1%	-0.074	-
Naloxone	1	0.4%	2	0.0%	0.341	0.080
Naltrexone	1	0.4%	11	0.1%	0.281	0.061
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.1	0.4	0.1	0.4	-0.014	-0.033
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	0.004	0.027
Mean number of unique generics dispensed	3.9	2.8	3.5	2.6	0.399	0.147

⁴Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1g. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	271	100.0%	1,532,513	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.9	4.6	30.3	4.7	1.627	0.350
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	202	74.5%	1,244,737	81.2%	-6.683	-0.162
35-54	69	25.5%	287,776	18.8%	6.683	0.162
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	20,560	1.3%	-1.342	-
2002	1	0.4%	20,016	1.3%	-0.937	-0.103
2003	1	0.4%	16,401	1.1%	-0.701	-0.083
2004	5	1.8%	14,856	1.0%	0.876	0.074
2005	6	2.2%	14,776	1.0%	1.250	0.100
2006	6	2.2%	15,162	1.0%	1.225	0.098
2007	21	7.7%	62,749	4.1%	3.655	0.155
2008	13	4.8%	65,710	4.3%	0.509	0.024
2009	23	8.5%	149,329	9.7%	-1.257	-0.044
2010	23	8.5%	142,018	9.3%	-0.780	-0.027
2011	21	7.7%	124,110	8.1%	-0.349	-0.013
2012	24	8.9%	111,854	7.3%	1.557	0.057
2013	24	8.9%	105,359	6.9%	1.981	0.074
2014	17	6.3%	119,455	7.8%	-1.522	-0.060
2015	14	5.2%	127,194	8.3%	-3.134	-0.125
2016	27	10.0%	129,516	8.5%	1.512	0.052
2017	19	7.0%	119,612	7.8%	-0.794	-0.030
2018	17	6.3%	116,974	7.6%	-1.360	-0.053
2019	9	3.3%	56,862	3.7%	-0.389	-0.021
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.4%	895	0.1%	0.311	0.067
Race (Asian)	-	0.0%	16,216	1.1%	-1.058	-
Race (Black or African American)	-	0.0%	49,450	3.2%	-3.227	-
Race (Native Hawaiian or Other Pacific Islander)	1	0.4%	747	0.0%	0.320	0.070
Race (Unknown)	223	82.3%	1,298,011	84.7%	-2.410	-0.065

Table 1g. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	46	17.0%	167,194	10.9%	6.064	0.176
Hispanic	3	1.1%	17,766	1.2%	-0.052	-0.005
Pregnancy Characteristics						
Preterm	17	6.3%	86,318	5.6%	0.641	0.027
Term	52	19.2%	286,296	18.7%	0.507	0.013
Postterm	39	14.4%	277,045	18.1%	-3.687	-0.100
Unknown term	163	60.1%	882,854	57.6%	2.539	0.052
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	40.0	1.3	-0.102	-0.079
Exposure Characteristics						
Gestational age of first exposure, weeks	-13.8	28.6	0.0	0.1	-13.819	-0.684
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.0	0.0	0.815	-
Mean number of dispensings in first trimester	2.6	0.8	0.0	0.0	2.587	-
Mean number of dispensings in second trimester	1.0	1.5	0.0	0.0	0.985	0.953
Mean number of dispensings in third trimester	0.7	1.3	0.0	0.0	0.668	0.704
	Number	Percent	Number	Percent		
Exposed during first trimester	271	100.0%	-	0.0%	100.000	-
Exposed during second trimester	112	41.3%	7	0.0%	41.328	1.187
Exposed during third trimester	73	26.9%	12	0.0%	26.936	0.859
Exposed during user-defined pre-pregnancy period	223	82.3%	-	0.0%	82.288	-
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.6	1.9	1.1	1.6	0.462	0.265
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	103	38.0%	738,852	48.2%	-10.204	-0.207
1-2	110	40.6%	586,777	38.3%	2.302	0.047
3-4	34	12.5%	136,595	8.9%	3.633	0.118
5-6	16	5.9%	48,088	3.1%	2.766	0.133
7-8	6	2.2%	16,309	1.1%	1.150	0.091

Table 1g. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
9-10	1	0.4%	4,215	0.3%	0.094	0.017
>10	1	0.4%	1,677	0.1%	0.260	0.053
Anxiety Disorders	48	17.7%	71,784	4.7%	13.028	0.422
Depressive Disorders	79	29.2%	75,419	4.9%	24.230	0.681
All other psychiatric and neurologic conditions	55	20.3%	67,608	4.4%	15.884	0.497
Obesity	16	5.9%	52,776	3.4%	2.460	0.117
Renal Disease	11	4.1%	53,564	3.5%	0.564	0.030
Alcohol Abuse or Dependence	1	0.4%	3,005	0.2%	0.173	0.033
Alcohol Use	-	0.0%	74	0.0%	-0.005	-
Diabetes	3	1.1%	18,855	1.2%	-0.123	-0.011
Drug Abuse or Dependence	20	7.4%	12,046	0.8%	6.594	0.338
Gestational Diabetes	-	0.0%	9,522	0.6%	-0.621	-
Gestational Hypertension	-	0.0%	2,664	0.2%	-0.174	-
Gestational Renal Disease	-	0.0%	1,086	0.1%	-0.071	-
Hypertension	12	4.4%	36,620	2.4%	2.039	0.113
Smoking	12	4.4%	37,903	2.5%	1.955	0.107
Baseline² Medical Product Use						
Psychotropic medications	148	54.6%	131,182	8.6%	46.053	1.140
Antihypertensive medications	19	7.0%	30,449	2.0%	5.024	0.244
Opioids	50	18.5%	79,920	5.2%	13.235	0.419
Suspected teratogens	40	14.8%	155,838	10.2%	4.591	0.139
Antidiabetic medications	7	2.6%	28,229	1.8%	0.741	0.050
Buprenorphine	6	2.2%	1,584	0.1%	2.111	0.198
Insulin	3	1.1%	7,997	0.5%	0.585	0.065
Methadone	2	0.7%	151	0.0%	0.728	0.120
Naloxone	1	0.4%	57	0.0%	0.365	0.085
Naltrexone	-	0.0%	196	0.0%	-0.013	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.2	0.5	0.1	0.4	0.071	0.149
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	-0.003	-0.032

Table 1g. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Mean number of unique generics dispensed	4.7	3.1	1.4	2.0	3.345	1.296

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1h. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	286	100.0%	2,354	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.6	4.6	30.1	5.1	1.510	0.310
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	217	75.9%	1,837	78.0%	-2.163	-0.051
35-54	69	24.1%	517	22.0%	2.163	0.051
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	11	0.5%	-0.467	-
2002	1	0.3%	3	0.1%	0.222	0.046
2003	1	0.3%	6	0.3%	0.095	0.017
2004	7	2.4%	20	0.8%	1.598	0.126
2005	7	2.4%	30	1.3%	1.173	0.087
2006	9	3.1%	35	1.5%	1.660	0.111
2007	24	8.4%	81	3.4%	4.951	0.211
2008	13	4.5%	105	4.5%	0.085	0.004
2009	24	8.4%	169	7.2%	1.212	0.045
2010	23	8.0%	206	8.8%	-0.709	-0.026
2011	21	7.3%	178	7.6%	-0.219	-0.008
2012	25	8.7%	170	7.2%	1.520	0.056
2013	24	8.4%	219	9.3%	-0.912	-0.032
2014	17	5.9%	181	7.7%	-1.745	-0.069
2015	16	5.6%	228	9.7%	-4.091	-0.154
2016	27	9.4%	207	8.8%	0.647	0.022
2017	19	6.6%	222	9.4%	-2.787	-0.103
2018	19	6.6%	202	8.6%	-1.938	-0.073
2019	9	3.1%	81	3.4%	-0.294	-0.016
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.3%	2	0.1%	0.265	0.057
Race (Asian)	-	0.0%	2	0.1%	-0.085	-
Race (Black or African American)	-	0.0%	45	1.9%	-1.912	-

Table 1h. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Native Hawaiian or Other Pacific Islander)	1	0.3%	-	0.0%	0.350	-
Race (Unknown)	229	80.1%	1,923	81.7%	-1.621	-0.041
Race (White)	55	19.2%	382	16.2%	3.003	0.079
Hispanic	3	1.0%	8	0.3%	0.709	0.085
Pregnancy Characteristics						
Preterm	18	6.3%	172	7.3%	-1.013	-0.040
Term	52	18.2%	498	21.2%	-2.974	-0.075
Postterm	40	14.0%	386	16.4%	-2.412	-0.067
Unknown term	176	61.5%	1,298	55.1%	6.398	0.130
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.9	1.4	-0.003	-0.002
Exposure Characteristics						
Gestational age of first exposure, weeks	-14.0	28.5	-21.6	59.9	7.642	0.163
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.7	0.5	0.102	0.231
Mean number of dispensings in first trimester	2.6	0.8	2.0	1.1	0.628	0.659
Mean number of dispensings in second trimester	1.0	1.5	0.7	1.2	0.247	0.182
Mean number of dispensings in third trimester	0.6	1.3	0.6	1.2	0.088	0.070
	Number	Percent	Number	Percent		
Exposed during first trimester	286	100.0%	2,354	100.0%	0.000	-
Exposed during second trimester	119	41.6%	764	32.5%	9.153	0.190
Exposed during third trimester	74	25.9%	479	20.3%	5.526	0.131
Exposed during user-defined pre-pregnancy period	237	82.9%	1,723	73.2%	9.673	0.235
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.6	1.9	1.4	1.8	0.179	0.097
	Number	Percent	Number	Percent		
Obstetric comorbidity categories 0	109	38.1%	947	40.2%	-2.118	-0.043

Table 1h. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
1-2	115	40.2%	962	40.9%	-0.657	-0.013
3-4	36	12.6%	293	12.4%	0.141	0.004
5-6	18	6.3%	111	4.7%	1.578	0.069
7-8	6	2.1%	24	1.0%	1.078	0.087
9-10	1	0.3%	9	0.4%	-0.033	-0.005
>10	1	0.3%	8	0.3%	0.010	0.002
Anxiety Disorders	51	17.8%	496	21.1%	-3.238	-0.082
Depressive Disorders	85	29.7%	615	26.1%	3.595	0.080
All other psychiatric and neurologic conditions	60	21.0%	1,359	57.7%	-36.752	-0.812
Obesity	17	5.9%	128	5.4%	0.507	0.022
Renal Disease	11	3.8%	93	4.0%	-0.105	-0.005
Alcohol Abuse or Dependence	1	0.3%	26	1.1%	-0.755	-0.089
Alcohol Use	-	0.0%	1	0.0%	-0.042	-
Diabetes	4	1.4%	28	1.2%	0.209	0.019
Drug Abuse or Dependence	21	7.3%	91	3.9%	3.477	0.152
Gestational Diabetes	-	0.0%	11	0.5%	-0.467	-
Gestational Hypertension	-	0.0%	7	0.3%	-0.297	-
Gestational Renal Disease	-	0.0%	6	0.3%	-0.255	-
Hypertension	13	4.5%	81	3.4%	1.105	0.056
Smoking	15	5.2%	110	4.7%	0.572	0.026
Baseline² Medical Product Use						
Psychotropic medications	156	54.5%	1,073	45.6%	8.963	0.180
Antihypertensive medications	19	6.6%	103	4.4%	2.268	0.100
Opioids	54	18.9%	275	11.7%	7.199	0.201
Suspected teratogens	42	14.7%	304	12.9%	1.771	0.051
Antidiabetic medications	7	2.4%	55	2.3%	0.111	0.007
Buprenorphine	7	2.4%	23	1.0%	1.470	0.114
Insulin	3	1.0%	9	0.4%	0.667	0.079
Methadone	2	0.7%	2	0.1%	0.614	0.098
Naloxone	2	0.7%	-	0.0%	0.699	-
Naltrexone	-	0.0%	3	0.1%	-0.127	-
Baseline² Health Service Utilization Intensity						
Mean number of emergency room encounters	0.2	0.6	0.1	0.4	0.058	0.113

Table 1h. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.011	0.077
Mean number of unique generics dispensed	4.8	3.2	3.7	2.8	1.080	0.360

⁴Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1i. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	286	100.0%	14,878	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.6	4.6	30.3	4.5	1.285	0.283
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	217	75.9%	12,512	84.1%	-8.223	-0.207
35-54	69	24.1%	2,366	15.9%	8.223	0.207
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	4	0.0%	-0.027	-
2002	1	0.3%	6	0.0%	0.309	0.070
2003	1	0.3%	13	0.1%	0.262	0.056
2004	7	2.4%	31	0.2%	2.239	0.197
2005	7	2.4%	53	0.4%	2.091	0.179
2006	9	3.1%	72	0.5%	2.663	0.200
2007	24	8.4%	200	1.3%	7.047	0.332
2008	13	4.5%	248	1.7%	2.879	0.167
2009	24	8.4%	677	4.6%	3.841	0.157
2010	23	8.0%	822	5.5%	2.517	0.100
2011	21	7.3%	976	6.6%	0.783	0.031
2012	25	8.7%	1,059	7.1%	1.623	0.060
2013	24	8.4%	1,061	7.1%	1.260	0.047
2014	17	5.9%	1,411	9.5%	-3.540	-0.133
2015	16	5.6%	1,634	11.0%	-5.388	-0.196
2016	27	9.4%	1,807	12.1%	-2.705	-0.087
2017	19	6.6%	1,876	12.6%	-5.966	-0.203
2018	19	6.6%	1,887	12.7%	-6.040	-0.205
2019	9	3.1%	1,041	7.0%	-3.850	-0.176
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.3%	9	0.1%	0.289	0.064
Race (Asian)	-	0.0%	32	0.2%	-0.215	-
Race (Black or African American)	-	0.0%	96	0.6%	-0.645	-
Race (Native Hawaiian or Other Pacific Islander)	1	0.3%	5	0.0%	0.316	0.072

Table 1i. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Unknown)	229	80.1%	12,614	84.8%	-4.713	-0.124
Race (White)	55	19.2%	2,122	14.3%	4.968	0.133
Hispanic	3	1.0%	95	0.6%	0.410	0.045
Pregnancy Characteristics						
Preterm	18	6.3%	964	6.5%	-0.186	-0.008
Term	52	18.2%	4,640	31.2%	-13.005	-0.305
Postterm	40	14.0%	2,728	18.3%	-4.350	-0.118
Unknown term	176	61.5%	6,546	44.0%	17.541	0.357
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.8	1.4	0.021	0.016
Exposure Characteristics						
Gestational age of first exposure, weeks	-14.0	28.5	-23.3	51.1	9.345	0.226
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.7	0.4	0.074	0.174
Mean number of dispensings in first trimester	2.6	0.8	2.3	1.1	0.339	0.349
Mean number of dispensings in second trimester	1.0	1.5	1.0	1.4	-0.031	-0.022
Mean number of dispensings in third trimester	0.6	1.3	0.7	1.3	-0.076	-0.058
	Number	Percent	Number	Percent		
Exposed during first trimester	286	100.0%	14,878	100.0%	0.000	-
Exposed during second trimester	119	41.6%	6,239	41.9%	-0.326	-0.007
Exposed during third trimester	74	25.9%	4,020	27.0%	-1.146	-0.026
Exposed during user-defined pre-pregnancy period	237	82.9%	11,512	77.4%	5.491	0.138
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.6	1.9	1.3	1.8	0.222	0.121
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	109	38.1%	6,316	42.5%	-4.340	-0.089
1-2	115	40.2%	5,865	39.4%	0.789	0.016
3-4	36	12.6%	1,733	11.6%	0.939	0.029
5-6	18	6.3%	643	4.3%	1.972	0.088
7-8	6	2.1%	226	1.5%	0.579	0.043

Table 1i. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
9-10	1	0.3%	66	0.4%	-0.094	-0.015
>10	1	0.3%	29	0.2%	0.155	0.030
Anxiety Disorders	51	17.8%	2,979	20.0%	-2.191	-0.056
Depressive Disorders	85	29.7%	2,854	19.2%	10.538	0.247
All other psychiatric and neurologic conditions	60	21.0%	9,575	64.4%	-43.378	-0.976
Obesity	17	5.9%	640	4.3%	1.642	0.075
Renal Disease	11	3.8%	641	4.3%	-0.462	-0.023
Alcohol Abuse or Dependence	1	0.3%	109	0.7%	-0.383	-0.052
Alcohol Use	-	0.0%	6	0.0%	-0.040	-
Diabetes	4	1.4%	154	1.0%	0.364	0.033
Drug Abuse or Dependence	21	7.3%	592	4.0%	3.364	0.146
Gestational Diabetes	-	0.0%	52	0.3%	-0.350	-
Gestational Hypertension	-	0.0%	27	0.2%	-0.181	-
Gestational Renal Disease	-	0.0%	13	0.1%	-0.087	-
Hypertension	13	4.5%	505	3.4%	1.151	0.059
Smoking	15	5.2%	1,001	6.7%	-1.483	-0.063
Baseline² Medical Product Use						
Psychotropic medications	156	54.5%	5,656	38.0%	16.530	0.336
Antihypertensive medications	19	6.6%	630	4.2%	2.409	0.106
Opioids	54	18.9%	1,830	12.3%	6.581	0.182
Suspected teratogens	42	14.7%	2,050	13.8%	0.907	0.026
Antidiabetic medications	7	2.4%	240	1.6%	0.834	0.059
Buprenorphine	7	2.4%	140	0.9%	1.507	0.117
Insulin	3	1.0%	62	0.4%	0.632	0.074
Methadone	2	0.7%	11	0.1%	0.625	0.101
Naloxone	2	0.7%	2	0.0%	0.686	0.115
Naltrexone	-	0.0%	11	0.1%	-0.074	-
Baseline² Health Service Utilization Intensity						
Mean number of emergency room encounters	0.2	0.6	0.1	0.4	0.072	0.138
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.010	0.071
Mean number of unique generics dispensed	4.8	3.2	3.5	2.6	1.364	0.468

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1j. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	496	100.0%	1,475,373	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.7	4.8	30.2	4.7	1.418	0.301
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	381	76.8%	1,201,525	81.4%	-4.624	-0.114
35-54	115	23.2%	273,848	18.6%	4.624	0.114
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	16,030	1.1%	-1.087	-
2002	-	0.0%	15,686	1.1%	-1.063	-
2003	3	0.6%	12,571	0.9%	-0.247	-0.029
2004	6	1.2%	11,285	0.8%	0.445	0.045
2005	8	1.6%	11,405	0.8%	0.840	0.077
2006	9	1.8%	11,656	0.8%	1.024	0.090
2007	28	5.6%	59,397	4.0%	1.619	0.076
2008	21	4.2%	62,578	4.2%	-0.008	-0.000
2009	57	11.5%	146,129	9.9%	1.587	0.051
2010	50	10.1%	139,046	9.4%	0.656	0.022
2011	34	6.9%	121,236	8.2%	-1.362	-0.052
2012	44	8.9%	109,009	7.4%	1.482	0.054
2013	37	7.5%	102,489	6.9%	0.513	0.020
2014	31	6.3%	116,687	7.9%	-1.659	-0.065
2015	37	7.5%	124,451	8.4%	-0.976	-0.036
2016	46	9.3%	126,928	8.6%	0.671	0.024
2017	33	6.7%	117,272	7.9%	-1.295	-0.050
2018	35	7.1%	115,034	7.8%	-0.740	-0.028
2019	17	3.4%	56,484	3.8%	-0.401	-0.021
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	869	0.1%	0.143	0.040
Race (Asian)	-	0.0%	15,182	1.0%	-1.029	-
Race (Black or African American)	1	0.2%	48,530	3.3%	-3.088	-0.237
Race (Native Hawaiian or Other Pacific Islander)	1	0.2%	734	0.0%	0.152	0.043

Table 1j. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Unknown)	407	82.1%	1,255,241	85.1%	-3.023	-0.082
Race (White)	86	17.3%	154,817	10.5%	6.845	0.199
Hispanic	7	1.4%	17,112	1.2%	0.251	0.022
Pregnancy Characteristics						
Preterm	34	6.9%	83,376	5.7%	1.204	0.050
Term	93	18.8%	281,950	19.1%	-0.360	-0.009
Postterm	74	14.9%	265,059	18.0%	-3.046	-0.082
Unknown term	295	59.5%	844,988	57.3%	2.203	0.045
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	40.0	1.3	-0.099	-0.075
Exposure Characteristics						
Gestational age of first exposure, weeks	-7.7	22.1	0.0	0.1	-7.674	-0.491
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.0	0.0	0.669	-
Mean number of dispensings in first trimester	1.8	1.0	0.0	0.0	1.813	-
Mean number of dispensings in second trimester	0.5	1.2	0.0	0.0	0.540	0.659
Mean number of dispensings in third trimester	0.4	1.0	0.0	0.0	0.351	0.490
	Number	Percent	Number	Percent		
Exposed during first trimester	496	100.0%	-	0.0%	100.000	-
Exposed during second trimester	122	24.6%	7	0.0%	24.596	0.808
Exposed during third trimester	74	14.9%	12	0.0%	14.919	0.592
Exposed during user-defined pre-pregnancy period	333	67.1%	-	0.0%	67.137	-
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.6	2.0	1.1	1.6	0.545	0.304
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	182	36.7%	713,570	48.4%	-11.672	-0.238
1-2	199	40.1%	563,149	38.2%	1.951	0.040
3-4	65	13.1%	130,801	8.9%	4.239	0.136
5-6	33	6.7%	46,373	3.1%	3.510	0.163
7-8	13	2.6%	15,778	1.1%	1.552	0.115

Table 1j. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
9-10	2	0.4%	4,081	0.3%	0.127	0.022
>10	2	0.4%	1,621	0.1%	0.293	0.058
Anxiety Disorders	85	17.1%	68,673	4.7%	12.482	0.409
Depressive Disorders	117	23.6%	71,302	4.8%	18.756	0.558
All other psychiatric and neurologic conditions	78	15.7%	65,274	4.4%	11.302	0.382
Obesity	39	7.9%	51,394	3.5%	4.379	0.190
Renal Disease	17	3.4%	52,199	3.5%	-0.111	-0.006
Alcohol Abuse or Dependence	4	0.8%	2,865	0.2%	0.612	0.087
Alcohol Use	1	0.2%	73	0.0%	0.197	0.061
Diabetes	7	1.4%	18,364	1.2%	0.167	0.015
Drug Abuse or Dependence	27	5.4%	11,751	0.8%	4.647	0.270
Gestational Diabetes	-	0.0%	9,216	0.6%	-0.625	-
Gestational Hypertension	-	0.0%	2,603	0.2%	-0.176	-
Gestational Renal Disease	1	0.2%	1,041	0.1%	0.131	0.036
Hypertension	22	4.4%	35,545	2.4%	2.026	0.112
Smoking	17	3.4%	37,360	2.5%	0.895	0.053
Baseline² Medical Product Use						
Psychotropic medications	238	48.0%	126,030	8.5%	39.442	0.974
Antihypertensive medications	35	7.1%	29,627	2.0%	5.048	0.245
Opioids	79	15.9%	77,778	5.3%	10.656	0.351
Suspected teratogens	78	15.7%	151,901	10.3%	5.430	0.162
Antidiabetic medications	15	3.0%	27,616	1.9%	1.152	0.075
Buprenorphine	6	1.2%	1,547	0.1%	1.105	0.137
Insulin	4	0.8%	7,722	0.5%	0.283	0.035
Methadone	2	0.4%	145	0.0%	0.393	0.087
Naloxone	2	0.4%	55	0.0%	0.399	0.089
Naltrexone	-	0.0%	190	0.0%	-0.013	-
Baseline² Health Service Utilization Intensity						
Mean number of emergency room encounters	0.1	0.5	0.1	0.4	0.037	0.084
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	0.001	0.009
Mean number of unique generics dispensed	4.2	3.0	1.4	2.0	2.880	1.140

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1k. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to Decemer 31, 2019 (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	533	100.0%	2,217	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.5	4.7	30.0	5.1	1.453	0.296
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	414	77.7%	1,736	78.3%	-0.630	-0.015
35-54	119	22.3%	481	21.7%	0.630	0.015
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	7	0.3%	-0.316	-
2002	-	0.0%	2	0.1%	-0.090	-
2003	3	0.6%	5	0.2%	0.337	0.054
2004	8	1.5%	14	0.6%	0.869	0.085
2005	9	1.7%	26	1.2%	0.516	0.043
2006	14	2.6%	25	1.1%	1.499	0.111
2007	32	6.0%	74	3.3%	2.666	0.127
2008	22	4.1%	101	4.6%	-0.428	-0.021
2009	60	11.3%	162	7.3%	3.950	0.136
2010	52	9.8%	199	9.0%	0.780	0.027
2011	33	6.2%	169	7.6%	-1.432	-0.056
2012	46	8.6%	160	7.2%	1.413	0.052
2013	38	7.1%	205	9.2%	-2.117	-0.077
2014	33	6.2%	168	7.6%	-1.386	-0.055
2015	41	7.7%	216	9.7%	-2.051	-0.073
2016	49	9.2%	197	8.9%	0.307	0.011
2017	35	6.6%	212	9.6%	-2.996	-0.110
2018	39	7.3%	195	8.8%	-1.479	-0.054
2019	19	3.6%	80	3.6%	-0.044	-0.002
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	2	0.1%	0.097	0.026
Race (Asian)	-	0.0%	2	0.1%	-0.090	-
Race (Black or African American)	4	0.8%	45	2.0%	-1.279	-0.109
Race (Native Hawaiian or Other Pacific Islander)	1	0.2%	-	0.0%	0.188	-

Table 1k. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to Decemer 31, 2019 (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Unknown)	426	79.9%	1,830	82.5%	-2.619	-0.067
Race (White)	101	18.9%	338	15.2%	3.704	0.098
Hispanic	7	1.3%	7	0.3%	0.998	0.111
Pregnancy Characteristics						
Preterm	37	6.9%	164	7.4%	-0.456	-0.018
Term	97	18.2%	483	21.8%	-3.587	-0.090
Postterm	81	15.2%	357	16.1%	-0.906	-0.025
Unknown term	318	59.7%	1,213	54.7%	4.949	0.100
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.9	1.4	0.008	0.006
Exposure Characteristics						
Gestational age of first exposure, weeks	-7.6	22.0	-21.3	60.4	13.708	0.302
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.7	0.5	-0.050	-0.104
Mean number of dispensings in first trimester	1.8	1.0	2.0	1.1	-0.161	-0.157
Mean number of dispensings in second trimester	0.5	1.1	0.7	1.2	-0.198	-0.166
Mean number of dispensings in third trimester	0.3	1.0	0.5	1.2	-0.212	-0.192
	Number	Percent	Number	Percent		
Exposed during first trimester	533	100.0%	2,217	100.0%	0.000	-
Exposed during second trimester	131	24.6%	715	32.3%	-7.673	-0.171
Exposed during third trimester	75	14.1%	444	20.0%	-5.956	-0.159
Exposed during user-defined pre-pregnancy period	356	66.8%	1,614	72.8%	-6.009	-0.131
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.6	2.0	1.4	1.8	0.258	0.136
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	200	37.5%	890	40.1%	-2.621	-0.054
1-2	208	39.0%	913	41.2%	-2.157	-0.044
3-4	71	13.3%	276	12.4%	0.872	0.026
5-6	36	6.8%	99	4.5%	2.289	0.100
7-8	14	2.6%	23	1.0%	1.589	0.119

Table 1k. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to Decemer 31, 2019 (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
9-10	2	0.4%	8	0.4%	0.014	0.002
>10	2	0.4%	8	0.4%	0.014	0.002
Anxiety Disorders	90	16.9%	463	20.9%	-3.999	-0.102
Depressive Disorders	128	24.0%	572	25.8%	-1.786	-0.041
All other psychiatric and neurologic conditions	87	16.3%	1,288	58.1%	-41.774	-0.958
Obesity	43	8.1%	123	5.5%	2.520	0.100
Renal Disease	18	3.4%	91	4.1%	-0.728	-0.038
Alcohol Abuse or Dependence	5	0.9%	24	1.1%	-0.144	-0.014
Alcohol Use	1	0.2%	1	0.0%	0.143	0.042
Diabetes	10	1.9%	27	1.2%	0.658	0.053
Drug Abuse or Dependence	29	5.4%	90	4.1%	1.381	0.065
Gestational Diabetes	-	0.0%	8	0.4%	-0.361	-
Gestational Hypertension	-	0.0%	7	0.3%	-0.316	-
Gestational Renal Disease	1	0.2%	6	0.3%	-0.083	-0.017
Hypertension	25	4.7%	79	3.6%	1.127	0.057
Smoking	22	4.1%	107	4.8%	-0.699	-0.034
Baseline² Medical Product Use						
Psychotropic medications	255	47.8%	1,016	45.8%	2.015	0.040
Antihypertensive medications	37	6.9%	103	4.6%	2.296	0.098
Opioids	87	16.3%	268	12.1%	4.234	0.122
Suspected teratogens	85	15.9%	293	13.2%	2.731	0.077
Antidiabetic medications	16	3.0%	52	2.3%	0.656	0.041
Buprenorphine	7	1.3%	23	1.0%	0.276	0.026
Insulin	5	0.9%	8	0.4%	0.577	0.072
Methadone	2	0.4%	2	0.1%	0.285	0.059
Naloxone	3	0.6%	-	0.0%	0.563	-
Naltrexone	1	0.2%	3	0.1%	0.052	0.013
Baseline² Health Service Utilization Intensity						
Mean number of emergency room encounters	0.2	0.5	0.1	0.4	0.014	0.030
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.008	0.057
Mean number of unique generics dispensed	4.3	3.0	3.8	2.8	0.543	0.186

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1I. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31 2019 (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	534	100.0%	14,442	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.5	4.7	30.3	4.5	1.181	0.256
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	414	77.5%	12,155	84.2%	-6.636	-0.169
35-54	120	22.5%	2,287	15.8%	6.636	0.169
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	3	0.0%	-0.021	-
2002	-	0.0%	5	0.0%	-0.035	-
2003	3	0.6%	11	0.1%	0.486	0.086
2004	8	1.5%	27	0.2%	1.311	0.144
2005	9	1.7%	49	0.3%	1.346	0.135
2006	14	2.6%	65	0.5%	2.172	0.177
2007	32	6.0%	188	1.3%	4.691	0.252
2008	22	4.1%	234	1.6%	2.500	0.150
2009	60	11.2%	662	4.6%	6.652	0.248
2010	52	9.7%	810	5.6%	4.129	0.156
2011	34	6.4%	953	6.6%	-0.232	-0.009
2012	46	8.6%	1,031	7.1%	1.475	0.055
2013	38	7.1%	1,028	7.1%	-0.002	-0.000
2014	33	6.2%	1,375	9.5%	-3.341	-0.124
2015	41	7.7%	1,579	10.9%	-3.255	-0.112
2016	49	9.2%	1,751	12.1%	-2.948	-0.096
2017	35	6.6%	1,813	12.6%	-5.999	-0.205
2018	39	7.3%	1,834	12.7%	-5.396	-0.181
2019	19	3.6%	1,024	7.1%	-3.532	-0.158
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	9	0.1%	0.125	0.035
Race (Asian)	-	0.0%	30	0.2%	-0.208	-
Race (Black or African American)	4	0.7%	94	0.7%	0.098	0.012

Table 1I. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31 2019 (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Native Hawaiian or Other Pacific Islander)	1	0.2%	5	0.0%	0.153	0.046
Race (Unknown)	426	79.8%	12,301	85.2%	-5.400	-0.142
Race (White)	102	19.1%	2,003	13.9%	5.232	0.141
Hispanic	7	1.3%	94	0.7%	0.660	0.067
Pregnancy Characteristics						
Preterm	37	6.9%	947	6.6%	0.372	0.015
Term	97	18.2%	4,533	31.4%	-13.223	-0.310
Postterm	81	15.2%	2,598	18.0%	-2.821	-0.076
Unknown term	319	59.7%	6,364	44.1%	15.672	0.318
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.8	1.4	0.029	0.021
Exposure Characteristics						
Gestational age of first exposure, weeks	-7.6	21.9	-23.0	50.5	15.388	0.395
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.7	0.4	-0.082	-0.177
Mean number of dispensings in first trimester	1.8	1.0	2.3	1.1	-0.451	-0.432
Mean number of dispensings in second trimester	0.5	1.1	1.0	1.4	-0.481	-0.377
Mean number of dispensings in third trimester	0.3	1.0	0.7	1.3	-0.384	-0.331
	Number	Percent	Number	Percent		
Exposed during first trimester	534	100.0%	14,442	100.0%	0.000	-
Exposed during second trimester	131	24.5%	6,060	42.0%	-17.429	-0.376
Exposed during third trimester	75	14.0%	3,902	27.0%	-12.973	-0.325
Exposed during user-defined pre-pregnancy period	356	66.7%	11,153	77.2%	-10.559	-0.237
Baseline² Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.6	2.0	1.3	1.8	0.300	0.159
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	200	37.5%	6,145	42.5%	-5.096	-0.104
1-2	208	39.0%	5,699	39.5%	-0.510	-0.010

Table 1I. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31 2019 (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
3-4	72	13.5%	1,665	11.5%	1.954	0.059
5-6	36	6.7%	623	4.3%	2.428	0.106
7-8	14	2.6%	220	1.5%	1.098	0.077
9-10	2	0.4%	63	0.4%	-0.062	-0.010
>10	2	0.4%	27	0.2%	0.188	0.035
Anxiety Disorders	91	17.0%	2,862	19.8%	-2.776	-0.072
Depressive Disorders	129	24.2%	2,747	19.0%	5.136	0.125
All other psychiatric and neurologic conditions	87	16.3%	9,305	64.4%	-48.138	-1.126
Obesity	43	8.1%	623	4.3%	3.739	0.156
Renal Disease	18	3.4%	630	4.4%	-0.991	-0.051
Alcohol Abuse or Dependence	5	0.9%	104	0.7%	0.216	0.024
Alcohol Use	1	0.2%	6	0.0%	0.146	0.043
Diabetes	10	1.9%	150	1.0%	0.834	0.070
Drug Abuse or Dependence	29	5.4%	575	4.0%	1.449	0.068
Gestational Diabetes	-	0.0%	52	0.4%	-0.360	-
Gestational Hypertension	-	0.0%	26	0.2%	-0.180	-
Gestational Renal Disease	1	0.2%	13	0.1%	0.097	0.026
Hypertension	25	4.7%	493	3.4%	1.268	0.064
Smoking	22	4.1%	979	6.8%	-2.659	-0.117
Baseline² Medical Product Use						
Psychotropic medications	256	47.9%	5,480	37.9%	9.995	0.203
Antihypertensive medications	37	6.9%	620	4.3%	2.636	0.115
Opioids	87	16.3%	1,805	12.5%	3.794	0.108
Suspected teratogens	85	15.9%	2,015	14.0%	1.965	0.055
Antidiabetic medications	16	3.0%	238	1.6%	1.348	0.090
Buprenorphine	7	1.3%	135	0.9%	0.376	0.036
Insulin	5	0.9%	61	0.4%	0.514	0.063
Methadone	2	0.4%	11	0.1%	0.298	0.063
Naloxone	3	0.6%	2	0.0%	0.548	0.102
Naltrexone	1	0.2%	11	0.1%	0.111	0.031
Baseline² Health Service Utilization Intensity						
Mean number of emergency room encounters	0.2	0.5	0.1	0.5	0.030	0.063
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.008	0.058

Table 1I. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31 2019 (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Mean number of unique generics dispensed	4.3	3.0	3.5	2.6	0.846	0.300

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

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

⁵Covariates in blue show a standardized difference greater than 0.1

Table 1m. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	222	100.0%	1,293,277	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	32.0	4.6	31.3	4.6	0.763	0.167
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	173	77.9%	1,025,822	79.3%	-1.392	-0.034
35-54	49	22.1%	267,455	20.7%	1.392	0.034
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	-	0.0%	0.000	-
2002	-	0.0%	-	0.0%	0.000	-
2003	-	0.0%	-	0.0%	0.000	-
2004	-	0.0%	-	0.0%	0.000	-
2005	-	0.0%	-	0.0%	0.000	-
2006	-	0.0%	-	0.0%	0.000	-
2007	6	2.7%	48,315	3.7%	-1.033	-0.059
2008	10	4.5%	51,752	4.0%	0.503	0.025
2009	31	14.0%	136,001	10.5%	3.448	0.105
2010	29	13.1%	128,750	10.0%	3.108	0.097
2011	15	6.8%	110,855	8.6%	-1.815	-0.068
2012	20	9.0%	98,968	7.7%	1.357	0.049
2013	15	6.8%	93,040	7.2%	-0.437	-0.017
2014	13	5.9%	107,088	8.3%	-2.425	-0.095
2015	20	9.0%	113,176	8.8%	0.258	0.009
2016	21	9.5%	116,634	9.0%	0.441	0.015
2017	15	6.8%	117,176	9.1%	-2.304	-0.085
2018	19	8.6%	115,037	8.9%	-0.336	-0.012
2019	8	3.6%	56,485	4.4%	-0.764	-0.039
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	730	0.1%	-0.056	-
Race (Asian)	-	0.0%	14,147	1.1%	-1.094	-
Race (Black or African American)	-	0.0%	9,042	0.7%	-0.699	-

Table 1m. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	734	0.1%	-0.057	-
Race (Unknown)	197	88.7%	1,189,473	92.0%	-3.235	-0.110
Race (White)	25	11.3%	79,151	6.1%	5.141	0.183
Hispanic	4	1.8%	14,985	1.2%	0.643	0.053
Pregnancy Characteristics						
Preterm	17	7.7%	68,526	5.3%	2.359	0.096
Term	44	19.8%	273,622	21.2%	-1.337	-0.033
Postterm	35	15.8%	250,626	19.4%	-3.613	-0.095
Unknown term	126	56.8%	700,503	54.2%	2.592	0.052
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.4	40.0	1.3	-0.129	-0.095
Exposure Characteristics						
Gestational age of first exposure, weeks	-1.5	8.5	0.0	0.1	-1.505	-0.249
Mean number of dispensings in pre pregnancy period	0.5	0.5	0.0	0.0	0.500	-
Mean number of dispensings in first trimester	1.0	0.1	0.0	0.0	1.005	-
Mean number of dispensings in second trimester	0.1	0.3	0.0	0.0	0.086	0.371
Mean number of dispensings in third trimester	0.0	0.2	0.0	0.0	0.027	0.235
	Number	Percent	Number	Percent		
Exposed during first trimester	222	100.0%	-	0.0%	100.000	-
Exposed during second trimester	17	7.7%	6	0.0%	7.657	0.407
Exposed during third trimester	6	2.7%	11	0.0%	2.702	0.236
Exposed during user-defined pre-pregnancy period	112	50.5%	-	0.0%	50.450	-
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.7	2.1	1.1	1.6	0.611	0.328
	Number	Percent	Number	Percent		
Obstetric comorbidity categories 0	83	37.4%	613,173	47.4%	-10.025	-0.204

Table 1m. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
1-2	82	36.9%	503,568	38.9%	-2.000	-0.041
3-4	30	13.5%	116,409	9.0%	4.512	0.143
5-6	18	8.1%	40,674	3.1%	4.963	0.217
7-8	7	3.2%	14,281	1.1%	2.049	0.142
9-10	1	0.5%	3,711	0.3%	0.164	0.027
>10	1	0.5%	1,461	0.1%	0.337	0.064
Anxiety Disorders	37	16.7%	59,604	4.6%	12.058	0.399
Depressive Disorders	39	17.6%	57,830	4.5%	13.096	0.428
All other psychiatric and neurologic conditions	22	9.9%	39,619	3.1%	6.846	0.281
Obesity	20	9.0%	46,327	3.6%	5.427	0.225
Renal Disease	6	2.7%	42,166	3.3%	-0.558	-0.033
Alcohol Abuse or Dependence	3	1.4%	1,829	0.1%	1.210	0.141
Alcohol Use	1	0.5%	69	0.0%	0.445	0.093
Diabetes	3	1.4%	15,282	1.2%	0.170	0.015
Drug Abuse or Dependence	6	2.7%	6,268	0.5%	2.218	0.178
Gestational Diabetes	-	0.0%	8,544	0.7%	-0.661	-
Gestational Hypertension	-	0.0%	2,232	0.2%	-0.173	-
Gestational Renal Disease	1	0.5%	847	0.1%	0.385	0.076
Hypertension	10	4.5%	29,735	2.3%	2.205	0.122
Smoking	4	1.8%	18,659	1.4%	0.359	0.028
Baseline² Medical Product Use						
Psychotropic medications	88	39.6%	104,060	8.0%	31.593	0.798
Antihypertensive medications	14	6.3%	25,152	1.9%	4.361	0.221
Opioids	27	12.2%	50,346	3.9%	8.269	0.308
Suspected teratogens	36	16.2%	134,645	10.4%	5.805	0.172
Antidiabetic medications	7	3.2%	26,029	2.0%	1.141	0.072
Buprenorphine	-	0.0%	695	0.1%	-0.054	-
Insulin	1	0.5%	6,493	0.5%	-0.052	-0.007
Methadone	-	0.0%	101	0.0%	-0.008	-
Naloxone	-	0.0%	23	0.0%	-0.002	-
Naltrexone	-	0.0%	170	0.0%	-0.013	-
Baseline² Health Service Utilization Intensity						
Mean number of emergency room encounters	0.1	0.3	0.1	0.3	0.025	0.082

Table 1m. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	-0.002	-0.022
Mean number of unique generics dispensed	3.4	2.5	1.2	1.8	2.161	0.976

⁴Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1n. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	237	100.0%	1,868	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	32.1	4.6	31.7	4.8	0.440	0.093
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	184	77.6%	1,407	75.3%	2.316	0.055
35-54	53	22.4%	461	24.7%	-2.316	-0.055
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	-	0.0%	0.000	-
2002	-	0.0%	-	0.0%	0.000	-
2003	-	0.0%	-	0.0%	0.000	-
2004	-	0.0%	-	0.0%	0.000	-
2005	-	0.0%	-	0.0%	0.000	-
2006	-	0.0%	-	0.0%	0.000	-
2007	6	2.5%	53	2.8%	-0.306	-0.019
2008	10	4.2%	79	4.2%	-0.010	-0.000
2009	32	13.5%	135	7.2%	6.275	0.207
2010	30	12.7%	172	9.2%	3.451	0.111
2011	14	5.9%	132	7.1%	-1.159	-0.047
2012	21	8.9%	133	7.1%	1.741	0.064
2013	16	6.8%	166	8.9%	-2.135	-0.080
2014	14	5.9%	147	7.9%	-1.962	-0.078
2015	22	9.3%	183	9.8%	-0.514	-0.017
2016	24	10.1%	181	9.7%	0.437	0.015
2017	17	7.2%	212	11.3%	-4.176	-0.144
2018	21	8.9%	195	10.4%	-1.578	-0.053
2019	10	4.2%	80	4.3%	-0.063	-0.003
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	2	0.1%	-0.107	-
Race (Asian)	-	0.0%	1	0.1%	-0.054	-
Race (Black or African American)	1	0.4%	3	0.2%	0.261	0.049
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	-	0.0%	0.000	-

Table 1n. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Unknown)	210	88.6%	1,717	91.9%	-3.309	-0.112
Race (White)	26	11.0%	145	7.8%	3.208	0.110
Hispanic	4	1.7%	7	0.4%	1.313	0.130
Pregnancy Characteristics						
Preterm	19	8.0%	133	7.1%	0.897	0.034
Term	48	20.3%	470	25.2%	-4.907	-0.117
Postterm	41	17.3%	322	17.2%	0.062	0.002
Unknown term	129	54.4%	943	50.5%	3.949	0.079
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.4	39.9	1.4	-0.008	-0.005
Exposure Characteristics						
Gestational age of first exposure, weeks	-1.4	8.4	-17.5	45.4	16.153	0.495
Mean number of dispensings in pre pregnancy period	0.5	0.5	0.7	0.5	-0.233	-0.482
Mean number of dispensings in first trimester	1.0	0.1	1.9	1.0	-0.932	-1.261
Mean number of dispensings in second trimester	0.1	0.3	0.7	1.2	-0.594	-0.667
Mean number of dispensings in third trimester	0.0	0.2	0.5	1.2	-0.494	-0.584
	Number	Percent	Number	Percent		
Exposed during first trimester	237	100.0%	1,868	100.0%	0.000	-
Exposed during second trimester	19	8.0%	569	30.5%	-22.444	-0.594
Exposed during third trimester	6	2.5%	364	19.5%	-16.954	-0.563
Exposed during user-defined pre-pregnancy period	118	49.8%	1,375	73.6%	-23.819	-0.505
Baseline² Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.7	2.1	1.4	1.8	0.333	0.169
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	90	38.0%	731	39.1%	-1.158	-0.024
1-2	85	35.9%	785	42.0%	-6.159	-0.127
3-4	33	13.9%	235	12.6%	1.344	0.040
5-6	19	8.0%	84	4.5%	3.520	0.146
7-8	8	3.4%	18	1.0%	2.412	0.166

Table 1n. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
9-10	1	0.4%	8	0.4%	-0.006	-0.001
>10	1	0.4%	7	0.4%	0.047	0.007
Anxiety Disorders	39	16.5%	404	21.6%	-5.172	-0.132
Depressive Disorders	43	18.1%	485	26.0%	-7.820	-0.189
All other psychiatric and neurologic conditions	24	10.1%	1,040	55.7%	-45.548	-1.108
Obesity	23	9.7%	107	5.7%	3.977	0.149
Renal Disease	7	3.0%	72	3.9%	-0.901	-0.050
Alcohol Abuse or Dependence	4	1.7%	13	0.7%	0.992	0.091
Alcohol Use	1	0.4%	1	0.1%	0.368	0.076
Diabetes	4	1.7%	22	1.2%	0.510	0.043
Drug Abuse or Dependence	7	3.0%	57	3.1%	-0.098	-0.006
Gestational Diabetes	-	0.0%	7	0.4%	-0.375	-
Gestational Hypertension	-	0.0%	6	0.3%	-0.321	-
Gestational Renal Disease	1	0.4%	5	0.3%	0.154	0.026
Hypertension	11	4.6%	64	3.4%	1.215	0.062
Smoking	5	2.1%	55	2.9%	-0.835	-0.053
Baseline² Medical Product Use						
Psychotropic medications	93	39.2%	839	44.9%	-5.674	-0.115
Antihypertensive medications	15	6.3%	87	4.7%	1.672	0.073
Opioids	30	12.7%	192	10.3%	2.380	0.075
Suspected teratogens	39	16.5%	239	12.8%	3.661	0.104
Antidiabetic medications	8	3.4%	43	2.3%	1.074	0.065
Buprenorphine	-	0.0%	17	0.9%	-0.910	-
Insulin	2	0.8%	7	0.4%	0.469	0.060
Methadone	-	0.0%	2	0.1%	-0.107	-
Naloxone	-	0.0%	-	0.0%	0.000	-
Naltrexone	1	0.4%	2	0.1%	0.315	0.061
Baseline² Health Service Utilization Intensity						
Mean number of emergency room encounters	0.1	0.3	0.1	0.3	0.002	0.007
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	-0.002	-0.022
Mean number of unique generics dispensed	3.5	2.5	3.6	2.7	-0.100	-0.039

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

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

⁵Covariates in blue show a standardized difference greater than 0.1

Table 1o. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	238	100.0%	12,799	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	32.2	4.6	31.1	4.2	1.057	0.239
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	184	77.3%	10,599	82.8%	-5.500	-0.138
35-54	54	22.7%	2,200	17.2%	5.500	0.138
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	-	0.0%	0.000	-
2002	-	0.0%	-	0.0%	0.000	-
2003	-	0.0%	-	0.0%	0.000	-
2004	-	0.0%	-	0.0%	0.000	-
2005	-	0.0%	-	0.0%	0.000	-
2006	-	0.0%	-	0.0%	0.000	-
2007	6	2.5%	108	0.8%	1.677	0.131
2008	10	4.2%	165	1.3%	2.913	0.179
2009	32	13.4%	544	4.3%	9.195	0.328
2010	30	12.6%	658	5.1%	7.464	0.265
2011	15	6.3%	781	6.1%	0.200	0.008
2012	21	8.8%	853	6.7%	2.159	0.081
2013	16	6.7%	860	6.7%	0.003	0.000
2014	14	5.9%	1,199	9.4%	-3.486	-0.132
2015	22	9.2%	1,375	10.7%	-1.499	-0.050
2016	24	10.1%	1,586	12.4%	-2.308	-0.073
2017	17	7.1%	1,812	14.2%	-7.014	-0.229
2018	21	8.8%	1,834	14.3%	-5.506	-0.173
2019	10	4.2%	1,024	8.0%	-3.799	-0.159
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	9	0.1%	-0.070	-
Race (Asian)	-	0.0%	27	0.2%	-0.211	-
Race (Black or African American)	1	0.4%	25	0.2%	0.225	0.041

Table 1o. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	5	0.0%	-0.039	-
Race (Unknown)	210	88.2%	11,658	91.1%	-2.850	-0.094
Race (White)	27	11.3%	1,075	8.4%	2.945	0.099
Hispanic	4	1.7%	89	0.7%	0.985	0.091
Pregnancy Characteristics						
Preterm	19	8.0%	795	6.2%	1.772	0.069
Term	48	20.2%	4,402	34.4%	-14.225	-0.324
Postterm	41	17.2%	2,489	19.4%	-2.220	-0.057
Unknown term	130	54.6%	5,113	39.9%	14.673	0.297
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.4	39.9	1.4	0.005	0.004
Exposure Characteristics						
Gestational age of first exposure, weeks	-1.4	8.4	-22.2	47.8	20.862	0.608
Mean number of dispensings in pre pregnancy period	0.5	0.5	0.7	0.4	-0.257	-0.548
Mean number of dispensings in first trimester	1.0	0.1	2.2	1.1	-1.207	-1.590
Mean number of dispensings in second trimester	0.1	0.3	0.9	1.4	-0.860	-0.864
Mean number of dispensings in third trimester	0.0	0.2	0.7	1.3	-0.649	-0.709
	Number	Percent	Number	Percent		
Exposed during first trimester	238	100.0%	12,799	100.0%	0.000	-
Exposed during second trimester	19	8.0%	5,134	40.1%	-32.129	-0.811
Exposed during third trimester	6	2.5%	3,326	26.0%	-23.465	-0.713
Exposed during user-defined pre-pregnancy period	118	49.6%	9,902	77.4%	-27.786	-0.603
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.7	2.1	1.3	1.8	0.430	0.219
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	90	37.8%	5,535	43.2%	-5.430	-0.111
1-2	85	35.7%	5,054	39.5%	-3.773	-0.078

Table 1o. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
3-4	34	14.3%	1,388	10.8%	3.441	0.104
5-6	19	8.0%	538	4.2%	3.780	0.159
7-8	8	3.4%	200	1.6%	1.799	0.116
9-10	1	0.4%	59	0.5%	-0.041	-0.006
>10	1	0.4%	25	0.2%	0.225	0.041
Anxiety Disorders	40	16.8%	2,499	19.5%	-2.718	-0.071
Depressive Disorders	44	18.5%	2,281	17.8%	0.666	0.017
All other psychiatric and neurologic conditions	24	10.1%	8,071	63.1%	-52.976	-1.317
Obesity	23	9.7%	544	4.3%	5.414	0.214
Renal Disease	7	2.9%	499	3.9%	-0.958	-0.053
Alcohol Abuse or Dependence	4	1.7%	86	0.7%	1.009	0.094
Alcohol Use	1	0.4%	6	0.0%	0.373	0.077
Diabetes	4	1.7%	107	0.8%	0.845	0.076
Drug Abuse or Dependence	7	2.9%	379	3.0%	-0.020	-0.001
Gestational Diabetes	-	0.0%	50	0.4%	-0.391	-
Gestational Hypertension	-	0.0%	23	0.2%	-0.180	-
Gestational Renal Disease	1	0.4%	9	0.1%	0.350	0.071
Hypertension	11	4.6%	416	3.3%	1.372	0.071
Smoking	5	2.1%	586	4.6%	-2.478	-0.138
Baseline² Medical Product Use						
Psychotropic medications	94	39.5%	4,645	36.3%	3.204	0.066
Antihypertensive medications	15	6.3%	535	4.2%	2.123	0.095
Opioids	30	12.6%	1,254	9.8%	2.807	0.089
Suspected teratogens	39	16.4%	1,738	13.6%	2.807	0.079
Antidiabetic medications	8	3.4%	212	1.7%	1.705	0.109
Buprenorphine	-	0.0%	71	0.6%	-0.555	-
Insulin	2	0.8%	49	0.4%	0.457	0.059
Methadone	-	0.0%	6	0.0%	-0.047	-
Naloxone	-	0.0%	2	0.0%	-0.016	-
Naltrexone	1	0.4%	10	0.1%	0.342	0.069
Baseline² Health Service Utilization Intensity						
Mean number of emergency room encounters	0.1	0.3	0.1	0.3	-0.001	-0.004
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	-0.002	-0.028

Table 1o. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Mean number of unique generics dispensed	3.5	2.5	3.3	2.5	0.192	0.077

⁴Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1p. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	254	100.0%	1,475,396	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.8	4.7	30.2	4.7	1.589	0.339
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	189	74.4%	1,201,545	81.4%	-7.029	-0.170
35-54	65	25.6%	273,851	18.6%	7.029	0.170
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	16,030	1.1%	-1.086	-
2002	-	0.0%	15,686	1.1%	-1.063	-
2003	1	0.4%	12,571	0.9%	-0.458	-0.058
2004	3	1.2%	11,285	0.8%	0.416	0.042
2005	5	2.0%	11,406	0.8%	1.195	0.103
2006	4	1.6%	11,657	0.8%	0.785	0.073
2007	18	7.1%	59,397	4.0%	3.061	0.134
2008	12	4.7%	62,579	4.2%	0.483	0.023
2009	23	9.1%	146,129	9.9%	-0.849	-0.029
2010	21	8.3%	139,047	9.4%	-1.157	-0.041
2011	20	7.9%	121,236	8.2%	-0.343	-0.013
2012	24	9.4%	109,013	7.4%	2.060	0.074
2013	24	9.4%	102,493	6.9%	2.502	0.091
2014	17	6.7%	116,688	7.9%	-1.216	-0.047
2015	14	5.5%	124,453	8.4%	-2.923	-0.115
2016	24	9.4%	126,931	8.6%	0.846	0.030
2017	18	7.1%	117,274	7.9%	-0.862	-0.033
2018	17	6.7%	115,036	7.8%	-1.104	-0.043
2019	9	3.5%	56,485	3.8%	-0.285	-0.015
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.4%	869	0.1%	0.335	0.071
Race (Asian)	-	0.0%	15,182	1.0%	-1.029	-
Race (Black or African American)	-	0.0%	48,530	3.3%	-3.289	-
Race (Native Hawaiian or Other Pacific Islander)	1	0.4%	734	0.0%	0.344	0.073
Race (Unknown)	208	81.9%	1,255,258	85.1%	-3.190	-0.086

Table 1p. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	44	17.3%	154,823	10.5%	6.829	0.198
Hispanic	3	1.2%	17,112	1.2%	0.021	0.002
Pregnancy Characteristics						
Preterm	16	6.3%	83,380	5.7%	0.648	0.027
Term	48	18.9%	281,955	19.1%	-0.213	-0.005
Postterm	38	15.0%	265,062	18.0%	-3.005	-0.081
Unknown term	152	59.8%	844,999	57.3%	2.570	0.052
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	40.0	1.3	-0.096	-0.074
Exposure Characteristics						
Gestational age of first exposure, weeks	-14.0	29.1	0.0	0.1	-13.981	-0.680
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.0	0.0	0.819	-
Mean number of dispensings in first trimester	2.6	0.9	0.0	0.0	2.594	-
Mean number of dispensings in second trimester	1.0	1.5	0.0	0.0	0.988	0.956
Mean number of dispensings in third trimester	0.7	1.3	0.0	0.0	0.665	0.708
	Number	Percent	Number	Percent		
Exposed during first trimester	254	100.0%	-	0.0%	100.000	-
Exposed during second trimester	106	41.7%	7	0.0%	41.732	1.197
Exposed during third trimester	69	27.2%	12	0.0%	27.165	0.864
Exposed during user-defined pre-pregnancy period	210	82.7%	-	0.0%	82.677	-
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.6	1.9	1.1	1.6	0.526	0.297
	Number	Percent	Number	Percent		
0	93	36.6%	713,581	48.4%	-11.751	-0.239
1-2	104	40.9%	563,158	38.2%	2.775	0.057
3-4	33	13.0%	130,804	8.9%	4.126	0.133
5-6	16	6.3%	46,373	3.1%	3.156	0.149
7-8	6	2.4%	15,778	1.1%	1.293	0.100
9-10	1	0.4%	4,081	0.3%	0.117	0.020

Table 1p. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
>10	1	0.4%	1,621	0.1%	0.284	0.057
Anxiety Disorders	44	17.3%	68,676	4.7%	12.668	0.414
Depressive Disorders	70	27.6%	71,304	4.8%	22.726	0.648
All other psychiatric and neurologic conditions	53	20.9%	65,279	4.4%	16.442	0.511
Obesity	16	6.3%	51,394	3.5%	2.816	0.131
Renal Disease	11	4.3%	52,200	3.5%	0.793	0.041
Alcohol Abuse or Dependence	1	0.4%	2,866	0.2%	0.199	0.037
Alcohol Use	-	0.0%	73	0.0%	-0.005	-
Diabetes	3	1.2%	18,365	1.2%	-0.064	-0.006
Drug Abuse or Dependence	20	7.9%	11,751	0.8%	7.078	0.353
Gestational Diabetes	-	0.0%	9,216	0.6%	-0.625	-
Gestational Hypertension	-	0.0%	2,603	0.2%	-0.176	-
Gestational Renal Disease	-	0.0%	1,041	0.1%	-0.071	-
Hypertension	12	4.7%	35,546	2.4%	2.315	0.125
Smoking	12	4.7%	37,364	2.5%	2.192	0.117
Baseline² Medical Product Use						
Psychotropic medications	136	53.5%	126,038	8.5%	45.001	1.113
Antihypertensive medications	19	7.5%	29,628	2.0%	5.472	0.260
Opioids	47	18.5%	77,779	5.3%	13.232	0.418
Suspected teratogens	40	15.7%	151,905	10.3%	5.452	0.163
Antidiabetic medications	7	2.8%	27,617	1.9%	0.884	0.059
Buprenorphine	6	2.4%	1,547	0.1%	2.257	0.206
Insulin	3	1.2%	7,722	0.5%	0.658	0.072
Methadone	2	0.8%	145	0.0%	0.778	0.124
Naloxone	1	0.4%	55	0.0%	0.390	0.088
Naltrexone	-	0.0%	190	0.0%	-0.013	-
Baseline² Health Service Utilization Intensity						
Mean number of emergency room encounters	0.2	0.6	0.1	0.4	0.069	0.145
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	-0.003	-0.029
Mean number of unique generics dispensed	4.8	3.1	1.4	2.0	3.404	1.307

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1q. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	269	100.0%	2,217	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.5	4.7	30.0	5.1	1.463	0.299
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	204	75.8%	1,736	78.3%	-2.468	-0.059
35-54	65	24.2%	481	21.7%	2.468	0.059
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	7	0.3%	-0.316	-
2002	-	0.0%	2	0.1%	-0.090	-
2003	1	0.4%	5	0.2%	0.146	0.027
2004	5	1.9%	14	0.6%	1.227	0.111
2005	6	2.2%	26	1.2%	1.058	0.082
2006	7	2.6%	25	1.1%	1.475	0.109
2007	21	7.8%	74	3.3%	4.469	0.196
2008	12	4.5%	101	4.6%	-0.095	-0.005
2009	24	8.9%	162	7.3%	1.615	0.059
2010	21	7.8%	199	9.0%	-1.169	-0.042
2011	20	7.4%	169	7.6%	-0.188	-0.007
2012	25	9.3%	160	7.2%	2.077	0.076
2013	24	8.9%	205	9.2%	-0.325	-0.011
2014	17	6.3%	168	7.6%	-1.258	-0.049
2015	16	5.9%	216	9.7%	-3.795	-0.141
2016	24	8.9%	197	8.9%	0.036	0.001
2017	18	6.7%	212	9.6%	-2.871	-0.105
2018	19	7.1%	195	8.8%	-1.732	-0.064
2019	9	3.3%	80	3.6%	-0.263	-0.014
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.4%	2	0.1%	0.282	0.059
Race (Asian)	-	0.0%	2	0.1%	-0.090	-
Race (Black or African American)	-	0.0%	45	2.0%	-2.030	-

Table 1q. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Native Hawaiian or Other Pacific Islander)	1	0.4%	-	0.0%	0.372	-
Race (Unknown)	214	79.6%	1,830	82.5%	-2.990	-0.076
Race (White)	53	19.7%	338	15.2%	4.457	0.118
Hispanic	3	1.1%	7	0.3%	0.799	0.095
Pregnancy Characteristics						
Preterm	17	6.3%	164	7.4%	-1.078	-0.043
Term	48	17.8%	483	21.8%	-3.942	-0.099
Postterm	39	14.5%	357	16.1%	-1.605	-0.045
Unknown term	165	61.3%	1,213	54.7%	6.625	0.135
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.9	1.4	0.009	0.007
Exposure Characteristics						
Gestational age of first exposure, weeks	-14.2	29.0	-21.3	60.4	7.169	0.151
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.7	0.5	0.109	0.248
Mean number of dispensings in first trimester	2.6	0.8	2.0	1.1	0.638	0.666
Mean number of dispensings in second trimester	1.0	1.4	0.7	1.2	0.254	0.188
Mean number of dispensings in third trimester	0.6	1.3	0.5	1.2	0.094	0.075
	Number	Percent	Number	Percent		
Exposed during first trimester	269	100.0%	2,217	100.0%	0.000	-
Exposed during second trimester	113	42.0%	715	32.3%	9.757	0.203
Exposed during third trimester	70	26.0%	444	20.0%	5.995	0.143
Exposed during user-defined pre-pregnancy period	224	83.3%	1,614	72.8%	10.470	0.255
Baseline² Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.6	1.9	1.4	1.8	0.246	0.132
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	99	36.8%	890	40.1%	-3.341	-0.069
1-2	109	40.5%	913	41.2%	-0.661	-0.013

Table 1q. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
3-4	35	13.0%	276	12.4%	0.562	0.017
5-6	18	6.7%	99	4.5%	2.226	0.097
7-8	6	2.2%	23	1.0%	1.193	0.094
9-10	1	0.4%	8	0.4%	0.011	0.002
>10	1	0.4%	8	0.4%	0.011	0.002
Anxiety Disorders	47	17.5%	463	20.9%	-3.412	-0.087
Depressive Disorders	76	28.3%	572	25.8%	2.452	0.055
All other psychiatric and neurologic conditions	58	21.6%	1,288	58.1%	-36.535	-0.804
Obesity	17	6.3%	123	5.5%	0.772	0.033
Renal Disease	11	4.1%	91	4.1%	-0.015	-0.001
Alcohol Abuse or Dependence	1	0.4%	24	1.1%	-0.711	-0.084
Alcohol Use	-	0.0%	1	0.0%	-0.045	-
Diabetes	4	1.5%	27	1.2%	0.269	0.023
Drug Abuse or Dependence	21	7.8%	90	4.1%	3.747	0.159
Gestational Diabetes	-	0.0%	8	0.4%	-0.361	-
Gestational Hypertension	-	0.0%	7	0.3%	-0.316	-
Gestational Renal Disease	-	0.0%	6	0.3%	-0.271	-
Hypertension	13	4.8%	79	3.6%	1.269	0.063
Smoking	15	5.6%	107	4.8%	0.750	0.034
Baseline² Medical Product Use						
Psychotropic medications	144	53.5%	1,016	45.8%	7.704	0.155
Antihypertensive medications	19	7.1%	103	4.6%	2.417	0.103
Opioids	51	19.0%	268	12.1%	6.871	0.191
Suspected teratogens	42	15.6%	293	13.2%	2.397	0.068
Antidiabetic medications	7	2.6%	52	2.3%	0.257	0.017
Buprenorphine	7	2.6%	23	1.0%	1.565	0.117
Insulin	3	1.1%	8	0.4%	0.754	0.088
Methadone	2	0.7%	2	0.1%	0.653	0.102
Naloxone	2	0.7%	-	0.0%	0.743	-
Naltrexone	-	0.0%	3	0.1%	-0.135	-
Baseline² Health Service Utilization Intensity						
Mean number of emergency room encounters	0.2	0.6	0.1	0.4	0.056	0.107
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.011	0.079

Table 1q. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Mean number of unique generics dispensed	4.9	3.3	3.8	2.8	1.096	0.361

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 1r. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	269	100.0%	14,442	100.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.5	4.7	30.3	4.5	1.183	0.258
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	204	75.8%	12,155	84.2%	-8.328	-0.209
35-54	65	24.2%	2,287	15.8%	8.328	0.209
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	3	0.0%	-0.021	-
2002	-	0.0%	5	0.0%	-0.035	-
2003	1	0.4%	11	0.1%	0.296	0.063
2004	5	1.9%	27	0.2%	1.672	0.167
2005	6	2.2%	49	0.3%	1.891	0.169
2006	7	2.6%	65	0.5%	2.152	0.176
2007	21	7.8%	188	1.3%	6.505	0.316
2008	12	4.5%	234	1.6%	2.841	0.166
2009	24	8.9%	662	4.6%	4.338	0.174
2010	21	7.8%	810	5.6%	2.198	0.088
2011	20	7.4%	953	6.6%	0.836	0.033
2012	25	9.3%	1,031	7.1%	2.155	0.079
2013	24	8.9%	1,028	7.1%	1.804	0.066
2014	17	6.3%	1,375	9.5%	-3.201	-0.119
2015	16	5.9%	1,579	10.9%	-4.985	-0.180
2016	24	8.9%	1,751	12.1%	-3.202	-0.105
2017	18	6.7%	1,813	12.6%	-5.862	-0.200
2018	19	7.1%	1,834	12.7%	-5.636	-0.190
2019	9	3.3%	1,024	7.1%	-3.745	-0.169
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.4%	9	0.1%	0.309	0.067
Race (Asian)	-	0.0%	30	0.2%	-0.208	-
Race (Black or African American)	-	0.0%	94	0.7%	-0.651	-
Race (Native Hawaiian or Other Pacific Islander)	1	0.4%	5	0.0%	0.337	0.075

Table 1r. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Unknown)	214	79.6%	12,301	85.2%	-5.621	-0.148
Race (White)	53	19.7%	2,003	13.9%	5.833	0.157
Hispanic	3	1.1%	94	0.7%	0.464	0.050
Pregnancy Characteristics						
Preterm	17	6.3%	947	6.6%	-0.238	-0.010
Term	48	17.8%	4,533	31.4%	-13.544	-0.318
Postterm	39	14.5%	2,598	18.0%	-3.491	-0.095
Unknown term	165	61.3%	6,364	44.1%	17.272	0.351
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.8	1.4	0.030	0.023
Exposure Characteristics						
Gestational age of first exposure, weeks	-14.2	29.0	-23.0	50.5	8.831	0.215
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.7	0.4	0.078	0.185
Mean number of dispensings in first trimester	2.6	0.8	2.3	1.1	0.350	0.360
Mean number of dispensings in second trimester	1.0	1.4	1.0	1.4	-0.027	-0.019
Mean number of dispensings in third trimester	0.6	1.3	0.7	1.3	-0.078	-0.060
	Number	Percent	Number	Percent		
Exposed during first trimester	269	100.0%	14,442	100.0%	0.000	-
Exposed during second trimester	113	42.0%	6,060	42.0%	0.046	0.001
Exposed during third trimester	70	26.0%	3,902	27.0%	-0.996	-0.023
Exposed during user-defined pre-pregnancy period	224	83.3%	11,153	77.2%	6.045	0.152
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.6	1.9	1.3	1.8	0.284	0.153
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	99	36.8%	6,145	42.5%	-5.747	-0.118
1-2	109	40.5%	5,699	39.5%	1.059	0.022
3-4	35	13.0%	1,665	11.5%	1.482	0.045
5-6	18	6.7%	623	4.3%	2.378	0.104
7-8	6	2.2%	220	1.5%	0.707	0.052

Table 1r. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
9-10	1	0.4%	63	0.4%	-0.064	-0.010
>10	1	0.4%	27	0.2%	0.185	0.035
Anxiety Disorders	47	17.5%	2,862	19.8%	-2.345	-0.060
Depressive Disorders	76	28.3%	2,747	19.0%	9.232	0.219
All other psychiatric and neurologic conditions	58	21.6%	9,305	64.4%	-42.869	-0.961
Obesity	17	6.3%	623	4.3%	2.006	0.089
Renal Disease	11	4.1%	630	4.4%	-0.273	-0.014
Alcohol Abuse or Dependence	1	0.4%	104	0.7%	-0.348	-0.047
Alcohol Use	-	0.0%	6	0.0%	-0.042	-
Diabetes	4	1.5%	150	1.0%	0.448	0.040
Drug Abuse or Dependence	21	7.8%	575	4.0%	3.825	0.163
Gestational Diabetes	-	0.0%	52	0.4%	-0.360	-
Gestational Hypertension	-	0.0%	26	0.2%	-0.180	-
Gestational Renal Disease	-	0.0%	13	0.1%	-0.090	-
Hypertension	13	4.8%	493	3.4%	1.419	0.071
Smoking	15	5.6%	979	6.8%	-1.203	-0.050
Baseline² Medical Product Use						
Psychotropic medications	144	53.5%	5,480	37.9%	15.587	0.317
Antihypertensive medications	19	7.1%	620	4.3%	2.770	0.120
Opioids	51	19.0%	1,805	12.5%	6.461	0.178
Suspected teratogens	42	15.6%	2,015	14.0%	1.661	0.047
Antidiabetic medications	7	2.6%	238	1.6%	0.954	0.066
Buprenorphine	7	2.6%	135	0.9%	1.667	0.127
Insulin	3	1.1%	61	0.4%	0.693	0.079
Methadone	2	0.7%	11	0.1%	0.667	0.105
Naloxone	2	0.7%	2	0.0%	0.730	0.119
Naltrexone	-	0.0%	11	0.1%	-0.076	-
Baseline² Health Service Utilization Intensity						
Mean number of emergency room encounters	0.2	0.6	0.1	0.5	0.072	0.138
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.012	0.080
Mean number of unique generics dispensed	4.9	3.3	3.5	2.6	1.407	0.478

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 2a. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Infant Cohort and the Unexposed Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Six Data Partners

Characteristics	Cohorts			
	Any Modafinil/Armodafinil Dispensings Infant Cohort		Unexposed Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,144.5	1040.9	1,146.4	1040.7
Mean difference (days) between date of birth and date of enrollment	3.4	25.6	3.5	36.8

Table 2b. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Infant Cohort and the Methylphenidate Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Six Data Partners

Characteristics	Cohorts			
	Any Modafinil/Armodafinil Dispensings Infant Cohort		Methylphenidate Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,170.4	1057.7	1,110.9	946.6
Mean difference (days) between date of birth and date of enrollment	3.9	26.2	3.4	59.7

Table 2c. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Infant Cohort and the Amphetamines Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Six Data Partners

Characteristics	Cohorts			
	Any Modafinil/Armodafinil Dispensings Infant Cohort		Amphetamines Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days),	1,169.7	1056.8	891.6	767.9
Mean difference (days) between date of birth and date of enrollment	3.9	26.2	3.2	40.5

Table 2d. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Infant Cohort and the Unexposed Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Five Data Partners

Characteristics	Cohorts			
	One Modafinil/Armodafinil Dispensing Infant Cohort		Unexposed Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,111.4	988.4	1,155.5	1047.1
Mean difference (days) between date of birth and date of enrollment	3.3	27.3	3.6	37.1

Table 2e. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Infant Cohort and the Methylphenidate Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to Decemer 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

Characteristics	Cohorts			
	One Modafinil/Armodafinil Dispensing Infant Cohort		Methylphenidate Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,108.3	993.8	1,120.8	951.9
Mean difference (days) between date of birth and date of enrollment	3.1	26.3	3.3	60.0

Table 2f. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Infant Cohort and the Amphetamines Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Five Data Partners

Characteristics	Cohorts			
	One Modafinil/Armodafinil Dispensing Infant Cohort		Amphetamines Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,107.2	992.1	897.0	770.9
Mean difference (days) between date of birth and date of enrollment	3.1	26.2	3.3	41.0

Table 2g. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Infant Cohort and the Unexposed Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Minimal Model - Five Data Partners

Characteristics	Cohorts			
	Dispensings Infant Cohort		Unexposed Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,192.3	1086.2	1,155.5	1047.1
Mean difference (days) between date of birth and date of enrollment	3.6	24.0	3.6	37.1

Table 2h. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Infant Cohort and the Methylphenidate Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Five Data Partners

Characteristics	Cohorts			
	Dispensings Infant Cohort		Methylphenidate Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,249.5	1119.9	1,120.6	951.7
Mean difference (days) between date of birth and date of enrollment	4.7	26.0	3.3	60.0

Table 2i. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Infant Cohort and the Amphetamines Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Minimal Model - Five Data Partners

Characteristics	Cohorts			
	Dispensings Infant Cohort		Amphetamines Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,249.5	1119.9	896.9	770.8
Mean difference (days) between date of birth and date of enrollment	4.7	26.0	3.3	41.0

Table 2j. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Infant Cohort and the Unexposed Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

Characteristics	Cohorts			
	Any Modafinil/Armodafinil Dispensings Infant Cohort		Unexposed Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,113.9	998.4	1,143.4	1026.9
Mean difference (days) between date of birth and date of enrollment	3.5	26.1	3.7	37.6

Table 2k. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Infant Cohort and the Methylphenidate Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

Characteristics	Cohorts			
	Any Modafinil/Armodafinil Dispensings Infant Cohort		Methylphenidate Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,146.4	1019.9	1,120.8	944.0
Mean difference (days) between date of birth and date of enrollment	4.0	26.7	3.3	61.4

Table 2I. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Infant Cohort and the Amphetamines Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

Characteristics	Cohorts			
	Any Modafinil/Armodafinil Dispensings Infant Cohort		Amphetamines Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,145.7	1018.9	897.4	768.7
Mean difference (days) between date of birth and date of enrollment	4.0	26.7	3.3	41.4

Table 2m. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Infant Cohort and the Unexposed Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Three Data Partners

Characteristics	Cohorts			
	One Modafinil/Armodafinil Dispensing Infant Cohort		Unexposed Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	921.6	850.5	982.4	895.0
Mean difference (days) between date of birth and date of enrollment	2.6	22.8	2.9	37.4

Table 2n. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Infant Cohort and the Methylphenidate Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Full Model - Three Data Partners

Characteristics	Cohorts			
	One Modafinil/Armodafinil Dispensing Infant Cohort		Methylphenidate Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	898.6	839.2	955.8	864.8
Mean difference (days) between date of birth and date of enrollment	2.5	22.2	2.3	64.7

Table 2o. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Infant Cohort and the Amphetamines Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Full Model - Three Data Partners

Characteristics	Cohorts			
	One Modafinil/Armodafinil Dispensing Infant Cohort		Amphetamines Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	898.2	837.4	793.9	710.4
Mean difference (days) between date of birth and date of enrollment	2.5	22.1	2.9	42.4

Table 2p. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Infant Cohort and the Unexposed Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Unmatched, Aggregated), Full Model - Four Data Partners

Characteristics	Cohorts			
	Dispensings Infant Cohort		Unexposed Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,178.2	1029.3	1,143.4	1026.9
Mean difference (days) between date of birth and date of enrollment	3.5	24.2	3.7	37.6

Table 2q. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Infant Cohort and the Methylphenidate Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

Characteristics	Cohorts			
	Dispensings Infant Cohort		Methylphenidate Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,239.8	1070.1	1,120.8	944.0
Mean difference (days) between date of birth and date of enrollment	4.7	26.4	3.3	61.4

Table 2r. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Infant Cohort and the Amphetamines Infant Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Unmatched, Aggregated), Full Model - Four Data Partners

Characteristics	Cohorts			
	Dispensings Infant Cohort		Amphetamines Infant Cohort	
	Mean	Standard Deviation	Mean	Standard Deviation
Mean enrollment time after birth (days)	1,239.8	1070.1	897.4	768.7
Mean difference (days) between date of birth and date of enrollment	4.7	26.4	3.3	41.4

Table 3a. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	527	100.0%	527	0.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.7	4.7	31.5	4.7	0.206	0.044
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	405	76.9%	408	77.4%	-0.569	-0.014
35-54	122	23.1%	119	22.6%	0.569	0.014
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	8	1.5%	-1.518	-
2002	2	0.4%	5	0.9%	-0.569	-0.070
2003	5	0.9%	5	0.9%	0.000	0.000
2004	8	1.5%	7	1.3%	0.190	0.016
2005	10	1.9%	6	1.1%	0.759	0.062
2006	12	2.3%	5	0.9%	1.328	0.106
2007	31	5.9%	21	4.0%	1.898	0.088
2008	23	4.4%	24	4.6%	-0.190	-0.009
2009	58	11.0%	34	6.5%	4.554	0.162
2010	52	9.9%	38	7.2%	2.657	0.095
2011	35	6.6%	41	7.8%	-1.139	-0.044
2012	46	8.7%	38	7.2%	1.518	0.056
2013	38	7.2%	41	7.8%	-0.569	-0.022
2014	32	6.1%	32	6.1%	0.000	0.000
2015	39	7.4%	44	8.3%	-0.949	-0.035
2016	50	9.5%	45	8.5%	0.949	0.033
2017	34	6.5%	55	10.4%	-3.985	-0.144
2018	35	6.6%	49	9.3%	-2.657	-0.098
2019	17	3.2%	29	5.5%	-2.277	-0.112
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	-	0.0%	0.190	-
Race (Asian)	-	0.0%	1	0.2%	-0.190	-
Race (Black or African American)	1	0.2%	6	1.1%	-0.949	-0.117
Race (Native Hawaiian or Other Pacific Islander)	1	0.2%	-	0.0%	0.190	-
Race (Unknown)	431	81.8%	452	85.8%	-3.985	-0.108

Table 3a. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	93	17.6%	68	12.9%	4.744	0.132
Hispanic	7	1.3%	3	0.6%	0.759	0.078
Pregnancy Characteristics						
Preterm	37	7.0%	35	6.6%	0.380	0.015
Term	96	18.2%	129	24.5%	-6.262	-0.153
Postterm	76	14.4%	92	17.5%	-3.036	-0.083
Unknown term	318	60.3%	271	51.4%	8.918	0.180
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.9	1.4	0.013	0.010
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-7.9	22.2	0.0	0.0	-7.901	-
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.0	0.0	0.672	-
Mean number of dispensings in first trimester	1.8	1.0	0.0	0.0	1.822	-
Mean number of dispensings in second trimester	0.6	1.2	0.0	0.0	0.554	-
Mean number of dispensings in third trimester	0.4	1.0	0.0	0.0	0.361	-
	Number	Percent	Number	Percent		
Exposed during first trimester	527	100.0%	-	0.0%	100.000	-
Exposed during second trimester	132	25.0%	-	0.0%	25.047	-
Exposed during third trimester	80	15.2%	-	0.0%	15.180	-
Exposed during user-defined pre-pregnancy period	355	67.4%	-	0.0%	67.362	-
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics	1.6	2.0	1.7	2.1	-0.101	-0.050
Obstetric comorbidity index, mean						
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	196	37.2%	185	35.1%	2.087	0.043
1-2	211	40.0%	216	41.0%	-0.949	-0.019
3-4	69	13.1%	73	13.9%	-0.759	-0.022
5-6	34	6.5%	32	6.1%	0.380	0.016
7-8	13	2.5%	16	3.0%	-0.569	-0.035
9-10	2	0.4%	2	0.4%	0.000	0.000

Table 3a. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
>10	2	0.4%	3	0.6%	-0.190	-0.028
Anxiety Disorders	92	17.5%	89	16.9%	0.569	0.015
Depressive Disorders	129	24.5%	141	26.8%	-2.277	-0.052
All other psychiatric and neurologic conditions	83	15.7%	78	14.8%	0.949	0.026
Obesity	40	7.6%	33	6.3%	1.328	0.052
Renal Disease	18	3.4%	26	4.9%	-1.518	-0.076
Alcohol Abuse or Dependence	6	1.1%	3	0.6%	0.569	0.062
Alcohol Use	1	0.2%	-	0.0%	0.190	-
Diabetes	7	1.3%	12	2.3%	-0.949	-0.071
Drug Abuse or Dependence	28	5.3%	22	4.2%	1.139	0.054
Gestational Diabetes	-	0.0%	6	1.1%	-1.139	-
Gestational Hypertension	-	0.0%	1	0.2%	-0.190	-
Gestational Renal Disease	1	0.2%	1	0.2%	0.000	0.000
Hypertension	22	4.2%	21	4.0%	0.190	0.010
Smoking	17	3.2%	36	6.8%	-3.605	-0.166
Baseline² Medical Product Use						
Psychotropic medications	260	49.3%	259	49.1%	0.190	0.004
Antihypertensive medications	35	6.6%	21	4.0%	2.657	0.119
Opioids	85	16.1%	50	9.5%	6.641	0.200
Suspected teratogens	79	15.0%	81	15.4%	-0.380	-0.011
Antidiabetic medications	15	2.8%	18	3.4%	-0.569	-0.033
Buprenorphine	6	1.1%	3	0.6%	0.569	0.062
Insulin	4	0.8%	5	0.9%	-0.190	-0.021
Methadone	2	0.4%	-	0.0%	0.380	-
Naloxone	2	0.4%	1	0.2%	0.190	0.036
Naltrexone	-	0.0%	-	0.0%	0.000	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.1	0.5	0.1	0.5	-0.013	-0.028
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.2	-0.009	-0.063
Mean number of unique generics dispensed	4.3	3.0	2.5	2.8	1.786	0.615

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3b. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant		Methylphenidate Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	555	98.1%	555	23.1%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.5	4.6	31.5	4.9	0.019	0.004
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	432	77.8%	414	74.6%	3.243	0.076
35-54	123	22.2%	141	25.4%	-3.243	-0.076
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	1	0.2%	-0.180	-
2002	2	0.4%	1	0.2%	0.180	0.035
2003	4	0.7%	1	0.2%	0.541	0.081
2004	9	1.6%	9	1.6%	0.000	0.000
2005	11	2.0%	8	1.4%	0.541	0.042
2006	16	2.9%	5	0.9%	1.982	0.146
2007	33	5.9%	27	4.9%	1.081	0.048
2008	24	4.3%	36	6.5%	-2.162	-0.096
2009	60	10.8%	47	8.5%	2.342	0.079
2010	54	9.7%	42	7.6%	2.162	0.077
2011	34	6.1%	51	9.2%	-3.063	-0.115
2012	47	8.5%	39	7.0%	1.441	0.054
2013	39	7.0%	37	6.7%	0.360	0.014
2014	34	6.1%	35	6.3%	-0.180	-0.007
2015	42	7.6%	55	9.9%	-2.342	-0.083
2016	52	9.4%	46	8.3%	1.081	0.038
2017	35	6.3%	50	9.0%	-2.703	-0.102
2018	40	7.2%	50	9.0%	-1.802	-0.066
2019	19	3.4%	15	2.7%	0.721	0.042
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	2	0.4%	-0.180	-0.035
Race (Asian)	-	0.0%	-	0.0%	0.000	-
Race (Black or African American)	4	0.7%	8	1.4%	-0.721	-0.070
Race (Native Hawaiian or Other Pacific Islander)	1	0.2%	-	0.0%	0.180	-
Race (Unknown)	449	80.9%	454	81.8%	-0.901	-0.023
Race (White)	100	18.0%	91	16.4%	1.622	0.043

Table 3b. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant		Methylphenidate Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Hispanic	7	1.3%	2	0.4%	0.901	0.101
Pregnancy Characteristics						
Preterm	38	6.8%	44	7.9%	-1.081	-0.041
Term	99	17.8%	114	20.5%	-2.703	-0.069
Postterm	84	15.1%	69	12.4%	2.703	0.078
Unknown term	334	60.2%	328	59.1%	1.081	0.022
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.8	1.4	0.092	0.069
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-7.6	22.0	-18.6	46.5	10.991	0.302
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.7	0.5	-0.056	-0.117
Mean number of dispensings in first trimester	1.8	1.0	2.0	1.1	-0.168	-0.161
Mean number of dispensings in second trimester	0.5	1.1	0.8	1.3	-0.243	-0.200
Mean number of dispensings in third trimester	0.3	1.0	0.5	1.2	-0.209	-0.186
	Number	Percent	Number	Percent		
Exposed during first trimester	555	100.0%	555	100.0%	0.000	-
Exposed during second trimester	136	24.5%	187	33.7%	-9.189	-0.203
Exposed during third trimester	78	14.1%	115	20.7%	-6.667	-0.177
Exposed during user-defined pre-pregnancy period	371	66.8%	407	73.3%	-6.486	-0.142
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.6	1.9	1.6	2.1	0.014	0.007
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	210	37.8%	210	37.8%	0.000	0.000
1-2	216	38.9%	219	39.5%	-0.541	-0.011
3-4	76	13.7%	79	14.2%	-0.541	-0.016
5-6	37	6.7%	30	5.4%	1.261	0.053
7-8	13	2.3%	11	2.0%	0.360	0.025
9-10	2	0.4%	3	0.5%	-0.180	-0.027
>10	1	0.2%	3	0.5%	-0.360	-0.060
Anxiety Disorders	96	17.3%	98	17.7%	-0.360	-0.009
Depressive Disorders	138	24.9%	145	26.1%	-1.261	-0.029

Table 3b. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant		Methylphenidate Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
All other psychiatric and neurologic conditions	91	16.4%	89	16.0%	0.360	0.010
Obesity	43	7.7%	26	4.7%	3.063	0.127
Renal Disease	19	3.4%	17	3.1%	0.360	0.020
Alcohol Abuse or Dependence	7	1.3%	4	0.7%	0.541	0.055
Alcohol Use	1	0.2%	-	0.0%	0.180	-
Diabetes	10	1.8%	7	1.3%	0.541	0.044
Drug Abuse or Dependence	30	5.4%	11	2.0%	3.423	0.182
Gestational Diabetes	-	0.0%	-	0.0%	0.000	-
Gestational Hypertension	-	0.0%	-	0.0%	0.000	-
Gestational Renal Disease	1	0.2%	-	0.0%	0.180	-
Hypertension	25	4.5%	23	4.1%	0.360	0.018
Smoking	21	3.8%	20	3.6%	0.180	0.010
Baseline² Medical Product Use						
Psychotropic medications	269	48.5%	277	49.9%	-1.441	-0.029
Antihypertensive medications	37	6.7%	31	5.6%	1.081	0.045
Opioids	89	16.0%	72	13.0%	3.063	0.087
Suspected teratogens	85	15.3%	71	12.8%	2.523	0.073
Antidiabetic medications	16	2.9%	11	2.0%	0.901	0.059
Buprenorphine	7	1.3%	3	0.5%	0.721	0.076
Insulin	5	0.9%	2	0.4%	0.541	0.068
Methadone	2	0.4%	1	0.2%	0.180	0.035
Naloxone	3	0.5%	-	0.0%	0.541	-
Naltrexone	1	0.2%	-	0.0%	0.180	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.2	0.5	0.1	0.4	0.034	0.075
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.011	0.082
Mean number of unique generics dispensed	4.3	3.1	4.0	3.1	0.359	0.117

¹Value represents standard deviation where no % follows the value

²Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

³Related to user defined index date (pregnancy start, exposure date, or delivery date)

Table 3c. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	565	99.6%	565	3.7%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.5	4.7	31.5	4.9	0.037	0.008
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	439	77.7%	425	75.2%	2.478	0.058
35-54	126	22.3%	140	24.8%	-2.478	-0.058
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	-	0.0%	0.000	-
2002	2	0.4%	-	0.0%	0.354	-
2003	5	0.9%	-	0.0%	0.885	-
2004	10	1.8%	1	0.2%	1.593	0.163
2005	11	1.9%	4	0.7%	1.239	0.108
2006	17	3.0%	4	0.7%	2.301	0.171
2007	35	6.2%	3	0.5%	5.664	0.318
2008	24	4.2%	16	2.8%	1.416	0.077
2009	61	10.8%	40	7.1%	3.717	0.131
2010	54	9.6%	34	6.0%	3.540	0.132
2011	35	6.2%	38	6.7%	-0.531	-0.022
2012	49	8.7%	47	8.3%	0.354	0.013
2013	39	6.9%	38	6.7%	0.177	0.007
2014	34	6.0%	45	8.0%	-1.947	-0.076
2015	43	7.6%	63	11.2%	-3.540	-0.122
2016	52	9.2%	68	12.0%	-2.832	-0.092
2017	35	6.2%	62	11.0%	-4.779	-0.171
2018	40	7.1%	66	11.7%	-4.602	-0.158
2019	19	3.4%	36	6.4%	-3.009	-0.140
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	1	0.2%	0.000	0.000
Race (Asian)	-	0.0%	1	0.2%	-0.177	-
Race (Black or African American)	4	0.7%	2	0.4%	0.354	0.049
Race (Native Hawaiian or Other Pacific Islander)	1	0.2%	-	0.0%	0.177	-
Race (Unknown)	450	79.6%	460	81.4%	-1.770	-0.045

Table 3c. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	109	19.3%	101	17.9%	1.416	0.036
Hispanic	7	1.2%	4	0.7%	0.531	0.054
Pregnancy Characteristics						
Preterm	39	6.9%	40	7.1%	-0.177	-0.007
Term	99	17.5%	168	29.7%	-12.212	-0.291
Postterm	84	14.9%	86	15.2%	-0.354	-0.010
Unknown term	343	60.7%	271	48.0%	12.743	0.258
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.8	1.3	0.064	0.048
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-7.8	22.1	-22.9	51.6	15.115	0.381
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.7	0.5	-0.048	-0.101
Mean number of dispensings in first trimester	1.8	1.0	2.2	1.1	-0.405	-0.391
Mean number of dispensings in second trimester	0.5	1.1	1.0	1.3	-0.428	-0.344
Mean number of dispensings in third trimester	0.3	1.0	0.6	1.2	-0.285	-0.259
	Number	Percent	Number	Percent		
Exposed during first trimester	565	100.0%	565	100.0%	0.000	-
Exposed during second trimester	140	24.8%	238	42.1%	-17.345	-0.374
Exposed during third trimester	80	14.2%	139	24.6%	-10.442	-0.267
Exposed during user-defined pre-pregnancy period	377	66.7%	418	74.0%	-7.257	-0.159
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.6	1.9	1.7	2.2	-0.071	-0.034
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	215	38.1%	216	38.2%	-0.177	-0.004
1-2	220	38.9%	218	38.6%	0.354	0.007
3-4	76	13.5%	77	13.6%	-0.177	-0.005
5-6	37	6.5%	29	5.1%	1.416	0.060
7-8	14	2.5%	15	2.7%	-0.177	-0.011
9-10	2	0.4%	5	0.9%	-0.531	-0.068
>10	1	0.2%	5	0.9%	-0.708	-0.098

Table 3c. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Six Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Anxiety Disorders	97	17.2%	102	18.1%	-0.885	-0.023
Depressive Disorders	140	24.8%	136	24.1%	0.708	0.016
All other psychiatric and neurologic conditions	92	16.3%	91	16.1%	0.177	0.005
Obesity	43	7.6%	22	3.9%	3.717	0.160
Renal Disease	19	3.4%	23	4.1%	-0.708	-0.037
Alcohol Abuse or Dependence	7	1.2%	-	0.0%	1.239	-
Alcohol Use	1	0.2%	-	0.0%	0.177	-
Diabetes	10	1.8%	4	0.7%	1.062	0.096
Drug Abuse or Dependence	30	5.3%	19	3.4%	1.947	0.096
Gestational Diabetes	-	0.0%	-	0.0%	0.000	-
Gestational Hypertension	-	0.0%	2	0.4%	-0.354	-
Gestational Renal Disease	1	0.2%	2	0.4%	-0.177	-0.034
Hypertension	24	4.2%	17	3.0%	1.239	0.066
Smoking	22	3.9%	19	3.4%	0.531	0.028
Baseline² Medical Product Use						
Psychotropic medications	278	49.2%	297	52.6%	-3.363	-0.067
Antihypertensive medications	36	6.4%	37	6.5%	-0.177	-0.007
Opioids	93	16.5%	84	14.9%	1.593	0.044
Suspected teratogens	85	15.0%	85	15.0%	0.000	0.000
Antidiabetic medications	16	2.8%	11	1.9%	0.885	0.058
Buprenorphine	7	1.2%	5	0.9%	0.354	0.035
Insulin	5	0.9%	1	0.2%	0.708	0.098
Methadone	2	0.4%	-	0.0%	0.354	-
Naloxone	3	0.5%	1	0.2%	0.354	0.060
Naltrexone	1	0.2%	1	0.2%	0.000	0.000
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.2	0.5	0.1	0.4	0.037	0.079
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.2	-0.007	-0.035
Mean number of unique generics dispensed	4.3	3.1	4.0	2.8	0.373	0.127

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3d. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	258	100.0%	258	0.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.6	4.8	31.6	4.9	-0.003	-0.001
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	203	78.7%	197	76.4%	2.326	0.056
35-54	55	21.3%	61	23.6%	-2.326	-0.056
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	2	0.8%	-0.775	-
2002	1	0.4%	3	1.2%	-0.775	-0.088
2003	4	1.6%	-	0.0%	1.550	-
2004	3	1.2%	1	0.4%	0.775	0.088
2005	4	1.6%	7	2.7%	-1.163	-0.081
2006	6	2.3%	2	0.8%	1.550	0.126
2007	10	3.9%	11	4.3%	-0.388	-0.020
2008	10	3.9%	11	4.3%	-0.388	-0.020
2009	35	13.6%	20	7.8%	5.814	0.189
2010	29	11.2%	20	7.8%	3.488	0.119
2011	15	5.8%	20	7.8%	-1.938	-0.077
2012	22	8.5%	21	8.1%	0.388	0.014
2013	16	6.2%	16	6.2%	0.000	0.000
2014	15	5.8%	24	9.3%	-3.488	-0.132
2015	24	9.3%	22	8.5%	0.775	0.027
2016	22	8.5%	18	7.0%	1.550	0.058
2017	15	5.8%	30	11.6%	-5.814	-0.207
2018	19	7.4%	16	6.2%	1.163	0.046
2019	8	3.1%	14	5.4%	-2.326	-0.115
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	-	0.0%	0.000	-
Race (Asian)	-	0.0%	-	0.0%	0.000	-
Race (Black or African American)	1	0.4%	3	1.2%	-0.775	-0.088
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	-	0.0%	0.000	-
Race (Unknown)	208	80.6%	228	88.4%	-7.752	-0.215

Table 3d. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	49	19.0%	27	10.5%	8.527	0.242
Hispanic	4	1.6%	3	1.2%	0.388	0.034
Pregnancy Characteristics						
Preterm	19	7.4%	14	5.4%	1.938	0.079
Term	46	17.8%	55	21.3%	-3.488	-0.088
Postterm	36	14.0%	47	18.2%	-4.264	-0.116
Unknown term	157	60.9%	142	55.0%	5.814	0.118
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.4	40.0	1.3	-0.097	-0.074
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-1.6	8.4	0.0	0.0	-1.562	-
Mean number of dispensings in pre pregnancy period	0.5	0.5	0.0	0.0	0.516	-
Mean number of dispensings in first trimester	1.0	0.1	0.0	0.0	1.008	-
Mean number of dispensings in second trimester	0.1	0.3	0.0	0.0	0.081	-
Mean number of dispensings in third trimester	0.0	0.2	0.0	0.0	0.023	-
	Number	Percent	Number	Percent		
Exposed during first trimester	258	100.0%	-	0.0%	100.000	-
Exposed during second trimester	18	7.0%	-	0.0%	6.977	-
Exposed during third trimester	6	2.3%	-	0.0%	2.326	-
Exposed during user-defined pre-pregnancy period	133	51.6%	-	0.0%	51.550	-
Baseline² Health Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.7	2.0	1.7	2.0	-0.008	-0.004
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	93	36.0%	93	36.0%	0.000	0.000
1-2	102	39.5%	103	39.9%	-0.388	-0.008
3-4	35	13.6%	37	14.3%	-0.775	-0.022
5-6	19	7.4%	17	6.6%	0.775	0.030
7-8	7	2.7%	4	1.6%	1.163	0.081
9-10	1	0.4%	3	1.2%	-0.775	-0.088

Table 3d. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
>10	1	0.4%	1	0.4%	0.000	0.000
Anxiety Disorders	44	17.1%	49	19.0%	-1.938	-0.050
Depressive Disorders	50	19.4%	51	19.8%	-0.388	-0.010
All other psychiatric and neurologic conditions	28	10.9%	28	10.9%	0.000	0.000
Obesity	23	8.9%	18	7.0%	1.938	0.072
Renal Disease	7	2.7%	12	4.7%	-1.938	-0.103
Alcohol Abuse or Dependence	4	1.6%	8	3.1%	-1.550	-0.103
Alcohol Use	1	0.4%	1	0.4%	0.000	0.000
Diabetes	4	1.6%	6	2.3%	-0.775	-0.056
Drug Abuse or Dependence	8	3.1%	8	3.1%	0.000	0.000
Gestational Diabetes	-	0.0%	3	1.2%	-1.163	-
Gestational Hypertension	-	0.0%	1	0.4%	-0.388	-
Gestational Renal Disease	1	0.4%	-	0.0%	0.388	-
Hypertension	10	3.9%	9	3.5%	0.388	0.021
Smoking	5	1.9%	9	3.5%	-1.550	-0.096
Baseline² Medical Product Use						
Psychotropic medications	111	43.0%	112	43.4%	-0.388	-0.008
Antihypertensive medications	16	6.2%	9	3.5%	2.713	0.127
Opioids	35	13.6%	19	7.4%	6.202	0.204
Suspected teratogens	39	15.1%	34	13.2%	1.938	0.056
Antidiabetic medications	8	3.1%	6	2.3%	0.775	0.048
Buprenorphine	-	0.0%	2	0.8%	-0.775	-
Insulin	1	0.4%	3	1.2%	-0.775	-0.088
Methadone	-	0.0%	-	0.0%	0.000	-
Naloxone	1	0.4%	-	0.0%	0.388	-
Naltrexone	-	0.0%	1	0.4%	-0.388	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.1	0.4	0.2	0.5	-0.062	-0.136
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.3	-0.023	-0.102
Mean number of unique generics dispensed	3.8	2.9	2.2	2.5	1.640	0.611

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

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3e. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	279	99.3%	279	11.9%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.5	4.8	31.4	5.0	0.156	0.032
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	221	79.2%	204	73.1%	6.093	0.143
35-54	58	20.8%	75	26.9%	-6.093	-0.143
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	1	0.4%	-0.358	-
2002	1	0.4%	-	0.0%	0.358	-
2003	4	1.4%	-	0.0%	1.434	-
2004	2	0.7%	2	0.7%	0.000	0.000
2005	3	1.1%	6	2.2%	-1.075	-0.085
2006	8	2.9%	3	1.1%	1.792	0.129
2007	11	3.9%	13	4.7%	-0.717	-0.035
2008	11	3.9%	12	4.3%	-0.358	-0.018
2009	37	13.3%	15	5.4%	7.885	0.274
2010	31	11.1%	22	7.9%	3.226	0.110
2011	14	5.0%	26	9.3%	-4.301	-0.167
2012	23	8.2%	18	6.5%	1.792	0.069
2013	17	6.1%	25	9.0%	-2.867	-0.109
2014	17	6.1%	25	9.0%	-2.867	-0.109
2015	26	9.3%	31	11.1%	-1.792	-0.059
2016	25	9.0%	28	10.0%	-1.075	-0.037
2017	17	6.1%	28	10.0%	-3.943	-0.145
2018	22	7.9%	15	5.4%	2.509	0.101
2019	10	3.6%	9	3.2%	0.358	0.020
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	-	0.0%	0.000	-
Race (Asian)	-	0.0%	-	0.0%	0.000	-
Race (Black or African American)	4	1.4%	9	3.2%	-1.792	-0.119
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	-	0.0%	0.000	-

Table 3e. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (Unknown)	222	79.6%	236	84.6%	-5.018	-0.131
Race (White)	53	19.0%	34	12.2%	6.810	0.189
Hispanic	4	1.4%	3	1.1%	0.358	0.032
Pregnancy Characteristics						
Preterm	21	7.5%	21	7.5%	0.000	0.000
Term	50	17.9%	55	19.7%	-1.792	-0.046
Postterm	43	15.4%	40	14.3%	1.075	0.030
Unknown term	165	59.1%	163	58.4%	0.717	0.015
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.4	39.8	1.4	0.075	0.054
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-1.4	8.3	-19.6	55.4	18.208	0.460
Mean number of dispensings in pre pregnancy period	0.5	0.5	0.7	0.5	-0.197	-0.400
Mean number of dispensings in first trimester	1.0	0.1	1.9	1.1	-0.910	-1.176
Mean number of dispensings in second trimester	0.1	0.3	0.7	1.2	-0.620	-0.695
Mean number of dispensings in third trimester	0.0	0.1	0.5	1.2	-0.484	-0.565
	Number	Percent	Number	Percent		
Exposed during first trimester	279	100.0%	279	100.0%	0.000	-
Exposed during second trimester	20	7.2%	93	33.3%	-26.165	-0.689
Exposed during third trimester	6	2.2%	55	19.7%	-17.563	-0.587
Exposed during user-defined pre-pregnancy period	141	50.5%	198	71.0%	-20.430	-0.428
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.7	2.0	1.5	1.9	0.158	0.081
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	106	38.0%	105	37.6%	0.358	0.007
1-2	105	37.6%	115	41.2%	-3.584	-0.073
3-4	38	13.6%	39	14.0%	-0.358	-0.010
5-6	20	7.2%	12	4.3%	2.867	0.124

Table 3e. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
7-8	8	2.9%	5	1.8%	1.075	0.071
9-10	1	0.4%	1	0.4%	0.000	0.000
>10	1	0.4%	2	0.7%	-0.358	-0.049
Anxiety Disorders	47	16.8%	44	15.8%	1.075	0.029
Depressive Disorders	54	19.4%	54	19.4%	0.000	0.000
All other psychiatric and neurologic conditions	32	11.5%	30	10.8%	0.717	0.023
Obesity	26	9.3%	9	3.2%	6.093	0.253
Renal Disease	8	2.9%	9	3.2%	-0.358	-0.021
Alcohol Abuse or Dependence	5	1.8%	-	0.0%	1.792	-
Alcohol Use	1	0.4%	-	0.0%	0.358	-
Diabetes	6	2.2%	5	1.8%	0.358	0.026
Drug Abuse or Dependence	9	3.2%	4	1.4%	1.792	0.119
Gestational Diabetes	-	0.0%	3	1.1%	-1.075	-
Gestational Hypertension	-	0.0%	-	0.0%	0.000	-
Gestational Renal Disease	1	0.4%	-	0.0%	0.358	-
Hypertension	12	4.3%	12	4.3%	0.000	0.000
Smoking	7	2.5%	7	2.5%	0.000	0.000
Baseline² Medical Product Use						
Psychotropic medications	119	42.7%	113	40.5%	2.151	0.044
Antihypertensive medications	17	6.1%	17	6.1%	0.000	0.000
Opioids	39	14.0%	25	9.0%	5.018	0.158
Suspected teratogens	44	15.8%	37	13.3%	2.509	0.071
Antidiabetic medications	9	3.2%	5	1.8%	1.434	0.092
Buprenorphine	-	0.0%	2	0.7%	-0.717	-
Insulin	2	0.7%	3	1.1%	-0.358	-0.038
Methadone	-	0.0%	-	0.0%	0.000	-
Naloxone	1	0.4%	-	0.0%	0.358	-
Naltrexone	1	0.4%	-	0.0%	0.358	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.1	0.4	0.1	0.3	0.039	0.107
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	0.000	0.000

Table 3e. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Mean number of unique generics dispensed	3.8	2.8	3.3	2.7	0.484	0.176

⁴Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

⁶Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3f. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	282	100.0%	282	1.9%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.6	4.8	31.3	4.7	0.253	0.053
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	222	78.7%	228	80.9%	-2.128	-0.053
35-54	60	21.3%	54	19.1%	2.128	0.053
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	-	0.0%	0.000	-
2002	1	0.4%	1	0.4%	0.000	0.000
2003	4	1.4%	1	0.4%	1.064	0.114
2004	3	1.1%	-	0.0%	1.064	-
2005	4	1.4%	3	1.1%	0.355	0.032
2006	8	2.8%	6	2.1%	0.709	0.046
2007	11	3.9%	6	2.1%	1.773	0.104
2008	11	3.9%	7	2.5%	1.418	0.081
2009	37	13.1%	13	4.6%	8.511	0.303
2010	31	11.0%	17	6.0%	4.965	0.179
2011	15	5.3%	17	6.0%	-0.709	-0.031
2012	23	8.2%	21	7.4%	0.709	0.026
2013	17	6.0%	20	7.1%	-1.064	-0.043
2014	17	6.0%	19	6.7%	-0.709	-0.029
2015	26	9.2%	34	12.1%	-2.837	-0.092
2016	25	8.9%	25	8.9%	0.000	0.000
2017	17	6.0%	41	14.5%	-8.511	-0.283
2018	22	7.8%	38	13.5%	-5.674	-0.185
2019	10	3.5%	13	4.6%	-1.064	-0.054
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	-	0.0%	0.000	-
Race (Asian)	-	0.0%	-	0.0%	0.000	-
Race (Black or African American)	4	1.4%	2	0.7%	0.709	0.069
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	-	0.0%	0.000	-
Race (Unknown)	222	78.7%	233	82.6%	-3.901	-0.099

Table 3f. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	56	19.9%	47	16.7%	3.191	0.083
Hispanic	4	1.4%	3	1.1%	0.355	0.032
Pregnancy Characteristics						
Preterm	21	7.4%	16	5.7%	1.773	0.072
Term	50	17.7%	89	31.6%	-13.830	-0.325
Postterm	43	15.2%	42	14.9%	0.355	0.010
Unknown term	168	59.6%	135	47.9%	11.702	0.236
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.4	39.8	1.5	0.106	0.075
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-1.4	8.2	-20.4	49.4	18.986	0.536
Mean number of dispensings in pre pregnancy period	0.5	0.5	0.7	0.4	-0.220	-0.460
Mean number of dispensings in first trimester	1.0	0.1	2.2	1.1	-1.195	-1.545
Mean number of dispensings in second trimester	0.1	0.3	1.0	1.4	-0.872	-0.860
Mean number of dispensings in third trimester	0.0	0.1	0.7	1.3	-0.656	-0.710
	Number	Percent	Number	Percent		
Exposed during first trimester	282	100.0%	282	100.0%	0.000	-
Exposed during second trimester	20	7.1%	108	38.3%	-31.206	-0.803
Exposed during third trimester	6	2.1%	72	25.5%	-23.404	-0.721
Exposed during user-defined pre-pregnancy period	142	50.4%	215	76.2%	-25.887	-0.558
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.7	2.0	1.6	2.0	0.035	0.017
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	106	37.6%	104	36.9%	0.709	0.015
1-2	106	37.6%	116	41.1%	-3.546	-0.073
3-4	40	14.2%	34	12.1%	2.128	0.063
5-6	20	7.1%	17	6.0%	1.064	0.043
7-8	8	2.8%	7	2.5%	0.355	0.022
9-10	1	0.4%	3	1.1%	-0.709	-0.085
>10	1	0.4%	1	0.4%	0.000	0.000

Table 3f. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Anxiety Disorders	48	17.0%	48	17.0%	0.000	0.000
Depressive Disorders	57	20.2%	58	20.6%	-0.355	-0.009
All other psychiatric and neurologic conditions	32	11.3%	30	10.6%	0.709	0.023
Obesity	26	9.2%	7	2.5%	6.738	0.290
Renal Disease	8	2.8%	11	3.9%	-1.064	-0.059
Alcohol Abuse or Dependence	5	1.8%	1	0.4%	1.418	0.139
Alcohol Use	1	0.4%	-	0.0%	0.355	-
Diabetes	6	2.1%	3	1.1%	1.064	0.085
Drug Abuse or Dependence	9	3.2%	8	2.8%	0.355	0.021
Gestational Diabetes	-	0.0%	2	0.7%	-0.709	-
Gestational Hypertension	-	0.0%	2	0.7%	-0.709	-
Gestational Renal Disease	1	0.4%	-	0.0%	0.355	-
Hypertension	12	4.3%	5	1.8%	2.482	0.146
Smoking	7	2.5%	3	1.1%	1.418	0.108
Baseline³ Medical Product Use						
Psychotropic medications	122	43.3%	125	44.3%	-1.064	-0.021
Antihypertensive medications	18	6.4%	7	2.5%	3.901	0.190
Opioids	39	13.8%	46	16.3%	-2.482	-0.069
Suspected teratogens	44	15.6%	41	14.5%	1.064	0.030
Antidiabetic medications	9	3.2%	2	0.7%	2.482	0.180
Buprenorphine	-	0.0%	4	1.4%	-1.418	-
Insulin	2	0.7%	1	0.4%	0.355	0.049
Methadone	-	0.0%	-	0.0%	0.000	-
Naloxone	1	0.4%	-	0.0%	0.355	-
Naltrexone	1	0.4%	1	0.4%	0.000	0.000
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.1	0.4	0.1	0.3	0.018	0.047
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	0.011	0.097
Mean number of unique generics dispensed	3.9	2.8	3.6	2.8	0.266	0.094

²Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3g. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	271	100.0%	271	0.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.9	4.6	31.9	4.8	0.067	0.014
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	202	74.5%	205	75.6%	-1.107	-0.026
35-54	69	25.5%	66	24.4%	1.107	0.026
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	4	1.5%	-1.476	-
2002	1	0.4%	5	1.8%	-1.476	-0.141
2003	1	0.4%	1	0.4%	0.000	0.000
2004	5	1.8%	4	1.5%	0.369	0.029
2005	6	2.2%	6	2.2%	0.000	0.000
2006	6	2.2%	3	1.1%	1.107	0.087
2007	21	7.7%	9	3.3%	4.428	0.195
2008	13	4.8%	12	4.4%	0.369	0.018
2009	23	8.5%	23	8.5%	0.000	0.000
2010	23	8.5%	15	5.5%	2.952	0.116
2011	21	7.7%	28	10.3%	-2.583	-0.090
2012	24	8.9%	21	7.7%	1.107	0.040
2013	24	8.9%	18	6.6%	2.214	0.083
2014	17	6.3%	12	4.4%	1.845	0.082
2015	14	5.2%	25	9.2%	-4.059	-0.158
2016	27	10.0%	17	6.3%	3.690	0.135
2017	19	7.0%	33	12.2%	-5.166	-0.176
2018	17	6.3%	21	7.7%	-1.476	-0.058
2019	9	3.3%	14	5.2%	-1.845	-0.092
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.4%	-	0.0%	0.369	-
Race (Asian)	-	0.0%	1	0.4%	-0.369	-
Race (Black or African American)	-	0.0%	7	2.6%	-2.583	-
Race (Native Hawaiian or Other Pacific Islander)	1	0.4%	-	0.0%	0.369	-
Race (Unknown)	223	82.3%	228	84.1%	-1.845	-0.049

Table 3g. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	46	17.0%	35	12.9%	4.059	0.114
Hispanic	3	1.1%	2	0.7%	0.369	0.039
Pregnancy Characteristics						
Preterm	17	6.3%	21	7.7%	-1.476	-0.058
Term	52	19.2%	64	23.6%	-4.428	-0.108
Postterm	39	14.4%	35	12.9%	1.476	0.043
Unknown term	163	60.1%	151	55.7%	4.428	0.090
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.8	1.3	0.118	0.091
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-13.8	28.6	0.0	0.0	-13.819	-
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.0	0.0	0.815	-
Mean number of dispensings in first trimester	2.6	0.8	0.0	0.0	2.587	-
Mean number of dispensings in second trimester	1.0	1.5	0.0	0.0	0.985	-
Mean number of dispensings in third trimester	0.7	1.3	0.0	0.0	0.668	-
	Number	Percent	Number	Percent		
Exposed during first trimester	271	100.0%	-	0.0%	100.000	-
Exposed during second trimester	112	41.3%	-	0.0%	41.328	-
Exposed during third trimester	73	26.9%	-	0.0%	26.937	-
Exposed during user-defined pre-pregnancy period	223	82.3%	-	0.0%	82.288	-
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	103	38.0%	98	36.2%	1.845	0.038
1-2	110	40.6%	113	41.7%	-1.107	-0.022
3-4	34	12.5%	33	12.2%	0.369	0.011
5-6	16	5.9%	18	6.6%	-0.738	-0.030
7-8	6	2.2%	7	2.6%	-0.369	-0.024
9-10	1	0.4%	1	0.4%	0.000	0.000

Table 3g. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
>10	1	0.4%	1	0.4%	0.000	0.000
Anxiety Disorders	48	17.7%	45	16.6%	1.107	0.029
Depressive Disorders	79	29.2%	82	30.3%	-1.107	-0.024
All other psychiatric and neurologic conditions	55	20.3%	59	21.8%	-1.476	-0.036
Obesity	16	5.9%	20	7.4%	-1.476	-0.059
Renal Disease	11	4.1%	16	5.9%	-1.845	-0.085
Alcohol Abuse or Dependence	1	0.4%	1	0.4%	0.000	0.000
Alcohol Use	-	0.0%	-	0.0%	0.000	-
Diabetes	3	1.1%	6	2.2%	-1.107	-0.087
Drug Abuse or Dependence	20	7.4%	11	4.1%	3.321	0.143
Gestational Diabetes	-	0.0%	4	1.5%	-1.476	-
Gestational Hypertension	-	0.0%	-	0.0%	0.000	-
Gestational Renal Disease	-	0.0%	1	0.4%	-0.369	-
Hypertension	12	4.4%	7	2.6%	1.845	0.100
Smoking	12	4.4%	24	8.9%	-4.428	-0.179
Baseline² Medical Product Use						
Psychotropic medications	148	54.6%	147	54.2%	0.369	0.007
Antihypertensive medications	19	7.0%	3	1.1%	5.904	0.303
Opioids	50	18.5%	36	13.3%	5.166	0.142
Suspected teratogens	40	14.8%	43	15.9%	-1.107	-0.031
Antidiabetic medications	7	2.6%	11	4.1%	-1.476	-0.082
Buprenorphine	6	2.2%	-	0.0%	2.214	-
Insulin	3	1.1%	3	1.1%	0.000	0.000
Methadone	2	0.7%	-	0.0%	0.738	-
Naloxone	1	0.4%	-	0.0%	0.369	-
Naltrexone	-	0.0%	-	0.0%	0.000	-
Baseline² Health Service						
Mean number of emergency room encounters	0.2	0.5	0.2	0.5	0.004	0.007
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.2	-0.026	-0.168
Mean number of unique generics dispensed	4.7	3.1	2.7	3.1	1.959	0.634

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3h. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	281	98.3%	281	11.9%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.6	4.5	31.4	5.0	0.163	0.034
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	214	76.2%	206	73.3%	2.847	0.066
35-54	67	23.8%	75	26.7%	-2.847	-0.066
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	2	0.7%	-0.712	-
2002	1	0.4%	-	0.0%	0.356	-
2003	-	0.0%	-	0.0%	0.000	-
2004	6	2.1%	5	1.8%	0.356	0.026
2005	7	2.5%	3	1.1%	1.423	0.108
2006	8	2.8%	5	1.8%	1.068	0.071
2007	23	8.2%	9	3.2%	4.982	0.216
2008	12	4.3%	18	6.4%	-2.135	-0.095
2009	24	8.5%	26	9.3%	-0.712	-0.025
2010	23	8.2%	29	10.3%	-2.135	-0.074
2011	21	7.5%	18	6.4%	1.068	0.042
2012	25	8.9%	25	8.9%	0.000	0.000
2013	24	8.5%	18	6.4%	2.135	0.081
2014	17	6.0%	23	8.2%	-2.135	-0.083
2015	16	5.7%	23	8.2%	-2.491	-0.098
2016	27	9.6%	26	9.3%	0.356	0.012
2017	19	6.8%	20	7.1%	-0.356	-0.014
2018	19	6.8%	20	7.1%	-0.356	-0.014
2019	9	3.2%	11	3.9%	-0.712	-0.038
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.4%	-	0.0%	0.356	-
Race (Asian)	-	0.0%	-	0.0%	0.000	-
Race (Black or African American)	-	0.0%	3	1.1%	-1.068	-
Race (Native Hawaiian or Other Pacific Islander)	1	0.4%	-	0.0%	0.356	-
Race (Unknown)	227	80.8%	229	81.5%	-0.712	-0.018

Table 3h. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	52	18.5%	49	17.4%	1.068	0.028
Hispanic	3	1.1%	3	1.1%	0.000	0.000
Pregnancy Characteristics						
Preterm	17	6.0%	24	8.5%	-2.491	-0.096
Term	52	18.5%	53	18.9%	-0.356	-0.009
Postterm	40	14.2%	37	13.2%	1.068	0.031
Unknown term	172	61.2%	167	59.4%	1.779	0.036
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.2	39.8	1.3	0.085	0.066
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-13.9	28.5	-24.1	69.5	10.214	0.192
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.7	0.5	0.128	0.286
Mean number of dispensings in first trimester	2.6	0.8	2.0	1.1	0.623	0.628
Mean number of dispensings in second trimester	1.0	1.4	0.8	1.4	0.160	0.115
Mean number of dispensings in third trimester	0.6	1.3	0.6	1.3	0.018	0.014
	Number	Percent	Number	Percent		
Exposed during first trimester	281	100.0%	281	100.0%	0.000	-
Exposed during second trimester	117	41.6%	97	34.5%	7.117	0.147
Exposed during third trimester	72	25.6%	68	24.2%	1.423	0.033
Exposed during user-defined pre-pregnancy period	234	83.3%	197	70.1%	13.167	0.315
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.6	1.9	1.4	1.8	0.199	0.107
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	107	38.1%	109	38.8%	-0.712	-0.015
1-2	112	39.9%	130	46.3%	-6.406	-0.130
3-4	36	12.8%	23	8.2%	4.626	0.151
5-6	18	6.4%	13	4.6%	1.779	0.078
7-8	6	2.1%	4	1.4%	0.712	0.054
9-10	1	0.4%	-	0.0%	0.356	-

Table 3h. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
>10	1	0.4%	2	0.7%	-0.356	-0.049
Anxiety Disorders	49	17.4%	44	15.7%	1.779	0.048
Depressive Disorders	80	28.5%	84	29.9%	-1.423	-0.031
All other psychiatric and neurologic conditions	59	21.0%	55	19.6%	1.423	0.035
Obesity	17	6.0%	10	3.6%	2.491	0.117
Renal Disease	11	3.9%	12	4.3%	-0.356	-0.018
Alcohol Abuse or Dependence	1	0.4%	1	0.4%	0.000	0.000
Alcohol Use	-	0.0%	-	0.0%	0.000	-
Diabetes	4	1.4%	5	1.8%	-0.356	-0.028
Drug Abuse or Dependence	21	7.5%	6	2.1%	5.338	0.252
Gestational Diabetes	-	0.0%	2	0.7%	-0.712	-
Gestational Hypertension	-	0.0%	-	0.0%	0.000	-
Gestational Renal Disease	-	0.0%	-	0.0%	0.000	-
Hypertension	13	4.6%	9	3.2%	1.423	0.073
Smoking	15	5.3%	11	3.9%	1.423	0.068
Baseline² Medical Product Use						
Psychotropic medications	151	53.7%	164	58.4%	-4.626	-0.093
Antihypertensive medications	19	6.8%	18	6.4%	0.356	0.014
Opioids	52	18.5%	39	13.9%	4.626	0.126
Suspected teratogens	42	14.9%	38	13.5%	1.423	0.041
Antidiabetic medications	7	2.5%	12	4.3%	-1.779	-0.099
Buprenorphine	7	2.5%	3	1.1%	1.423	0.108
Insulin	3	1.1%	2	0.7%	0.356	0.038
Methadone	2	0.7%	-	0.0%	0.712	-
Naloxone	2	0.7%	-	0.0%	0.712	-
Naltrexone	-	0.0%	-	0.0%	0.000	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.2	0.6	0.2	0.4	0.043	0.084
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.011	0.077
Mean number of unique generics dispensed	4.8	3.2	4.1	3.0	0.683	0.221

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

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

⁵Covariates in blue show a standardized difference greater than 0.1

Table 3i. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	283	99.0%	283	1.9%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.5	4.6	31.6	4.6	-0.033	-0.007
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	216	76.3%	217	76.7%	-0.353	-0.008
35-54	67	23.7%	66	23.3%	0.353	0.008
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	1	0.4%	-0.353	-
2002	1	0.4%	-	0.0%	0.353	-
2003	1	0.4%	-	0.0%	0.353	-
2004	7	2.5%	-	0.0%	2.473	-
2005	7	2.5%	2	0.7%	1.767	0.142
2006	8	2.8%	3	1.1%	1.767	0.128
2007	23	8.1%	9	3.2%	4.947	0.215
2008	13	4.6%	5	1.8%	2.827	0.162
2009	24	8.5%	14	4.9%	3.534	0.142
2010	23	8.1%	11	3.9%	4.240	0.179
2011	21	7.4%	22	7.8%	-0.353	-0.013
2012	25	8.8%	26	9.2%	-0.353	-0.012
2013	24	8.5%	26	9.2%	-0.707	-0.025
2014	17	6.0%	27	9.5%	-3.534	-0.132
2015	16	5.7%	34	12.0%	-6.360	-0.226
2016	26	9.2%	27	9.5%	-0.353	-0.012
2017	19	6.7%	27	9.5%	-2.827	-0.104
2018	19	6.7%	32	11.3%	-4.594	-0.161
2019	9	3.2%	17	6.0%	-2.827	-0.135
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.4%	-	0.0%	0.353	-
Race (Asian)	-	0.0%	1	0.4%	-0.353	-
Race (Black or African American)	-	0.0%	6	2.1%	-2.120	-
Race (Native Hawaiian or Other Pacific Islander)	1	0.4%	-	0.0%	0.353	-
Race (Unknown)	226	79.9%	236	83.4%	-3.534	-0.091

Table 3i. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	55	19.4%	40	14.1%	5.300	0.142
Hispanic	3	1.1%	1	0.4%	0.707	0.084
Pregnancy Characteristics						
Preterm	17	6.0%	21	7.4%	-1.413	-0.057
Term	52	18.4%	82	29.0%	-10.601	-0.251
Postterm	40	14.1%	47	16.6%	-2.473	-0.069
Unknown term	174	61.5%	133	47.0%	14.488	0.294
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.8	1.3	0.064	0.049
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-13.8	28.4	-25.8	52.2	11.958	0.285
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.7	0.5	0.159	0.357
Mean number of dispensings in first trimester	2.6	0.8	2.2	1.1	0.403	0.408
Mean number of dispensings in second trimester	1.0	1.5	1.1	1.5	-0.078	-0.053
Mean number of dispensings in third trimester	0.6	1.3	0.8	1.3	-0.124	-0.093
	Number	Percent	Number	Percent		
Exposed during first trimester	283	100.0%	283	100.0%	0.000	-
Exposed during second trimester	119	42.0%	119	42.0%	0.000	0.000
Exposed during third trimester	74	26.1%	80	28.3%	-2.120	-0.048
Exposed during user-defined pre-pregnancy period	234	82.7%	196	69.3%	13.428	0.318
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics	1.5	1.8	1.5	1.7	0.004	0.002
	Number	Percent	Number	Percent		
Obstetric comorbidity index, mean	1.5	1.8	1.5	1.7	0.004	0.002
Obstetric comorbidity categories						
0	108	38.2%	103	36.4%	1.767	0.037
1-2	114	40.3%	116	41.0%	-0.707	-0.014
3-4	36	12.7%	46	16.3%	-3.534	-0.101
5-6	18	6.4%	13	4.6%	1.767	0.078
7-8	6	2.1%	3	1.1%	1.060	0.085
9-10	1	0.4%	1	0.4%	0.000	0.000
>10	-	0.0%	1	0.4%	-0.353	-

Table 3i. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Minimal Model - Five Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Anxiety Disorders	49	17.3%	53	18.7%	-1.413	-0.037
Depressive Disorders	82	29.0%	86	30.4%	-1.413	-0.031
All other psychiatric and neurologic conditions	60	21.2%	59	20.8%	0.353	0.009
Obesity	16	5.7%	10	3.5%	2.120	0.101
Renal Disease	11	3.9%	8	2.8%	1.060	0.059
Alcohol Abuse or Dependence	1	0.4%	1	0.4%	0.000	0.000
Alcohol Use	-	0.0%	-	0.0%	0.000	-
Diabetes	4	1.4%	3	1.1%	0.353	0.032
Drug Abuse or Dependence	21	7.4%	6	2.1%	5.300	0.251
Gestational Diabetes	-	0.0%	1	0.4%	-0.353	-
Gestational Hypertension	-	0.0%	-	0.0%	0.000	-
Gestational Renal Disease	-	0.0%	-	0.0%	0.000	-
Hypertension	12	4.2%	10	3.5%	0.707	0.037
Smoking	15	5.3%	19	6.7%	-1.413	-0.060
Baseline² Medical Product Use						
Psychotropic medications	153	54.1%	148	52.3%	1.767	0.035
Antihypertensive medications	18	6.4%	8	2.8%	3.534	0.169
Opioids	54	19.1%	42	14.8%	4.240	0.113
Suspected teratogens	41	14.5%	34	12.0%	2.473	0.073
Antidiabetic medications	7	2.5%	4	1.4%	1.060	0.077
Buprenorphine	7	2.5%	4	1.4%	1.060	0.077
Insulin	3	1.1%	1	0.4%	0.707	0.084
Methadone	2	0.7%	-	0.0%	0.707	-
Naloxone	2	0.7%	1	0.4%	0.353	0.049
Naltrexone	-	0.0%	-	0.0%	0.000	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.2	0.6	0.1	0.4	0.067	0.136
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.011	0.071
Mean number of unique generics dispensed	4.8	3.2	3.6	2.6	1.177	0.406

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3j. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	496	100.0%	496	0.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.7	4.8	31.7	4.7	-0.044	-0.009
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	381	76.8%	377	76.0%	0.806	0.019
35-54	115	23.2%	119	24.0%	-0.806	-0.019
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	2	0.4%	-0.403	-
2002	-	0.0%	6	1.2%	-1.210	-
2003	3	0.6%	7	1.4%	-0.806	-0.081
2004	6	1.2%	3	0.6%	0.605	0.064
2005	8	1.6%	5	1.0%	0.605	0.053
2006	9	1.8%	1	0.2%	1.613	0.162
2007	28	5.6%	14	2.8%	2.823	0.141
2008	21	4.2%	20	4.0%	0.202	0.010
2009	57	11.5%	51	10.3%	1.210	0.039
2010	50	10.1%	44	8.9%	1.210	0.041
2011	34	6.9%	34	6.9%	0.000	0.000
2012	44	8.9%	56	11.3%	-2.419	-0.080
2013	37	7.5%	35	7.1%	0.403	0.016
2014	31	6.3%	29	5.8%	0.403	0.017
2015	37	7.5%	37	7.5%	0.000	0.000
2016	46	9.3%	45	9.1%	0.202	0.007
2017	33	6.7%	56	11.3%	-4.637	-0.163
2018	35	7.1%	38	7.7%	-0.605	-0.023
2019	17	3.4%	13	2.6%	0.806	0.047
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	-	0.0%	0.202	-
Race (Asian)	-	0.0%	3	0.6%	-0.605	-
Race (Black or African American)	1	0.2%	7	1.4%	-1.210	-0.136
Race (Native Hawaiian or Other Pacific Islander)	1	0.2%	-	0.0%	0.202	-
Race (Unknown)	407	82.1%	421	84.9%	-2.823	-0.076

Table 3j. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	86	17.3%	65	13.1%	4.234	0.118
Hispanic	7	1.4%	3	0.6%	0.806	0.081
Pregnancy Characteristics						
Preterm	34	6.9%	30	6.0%	0.806	0.033
Term	93	18.8%	101	20.4%	-1.613	-0.041
Postterm	74	14.9%	83	16.7%	-1.815	-0.050
Unknown term	295	59.5%	282	56.9%	2.621	0.053
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.9	1.2	-0.054	-0.043
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-7.7	22.1	0.0	0.0	-7.673	-
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.0	0.0	0.669	-
Mean number of dispensings in first trimester	1.8	1.0	0.0	0.0	1.813	-
Mean number of dispensings in second trimester	0.5	1.2	0.0	0.0	0.540	-
Mean number of dispensings in third trimester	0.4	1.0	0.0	0.0	0.351	-
	Number	Percent	Number	Percent		
Exposed during first trimester	496	100.0%	-	0.0%	100.000	-
Exposed during second trimester	122	24.6%	-	0.0%	24.597	-
Exposed during third trimester	74	14.9%	-	0.0%	14.919	-
Exposed during user-defined pre-pregnancy period	333	67.1%	-	0.0%	67.137	-
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.6	2.0	1.6	2.0	0.008	0.004
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	182	36.7%	183	36.9%	-0.202	-0.004
1-2	199	40.1%	196	39.5%	0.605	0.012
3-4	65	13.1%	68	13.7%	-0.605	-0.018
5-6	33	6.7%	34	6.9%	-0.202	-0.008
7-8	13	2.6%	11	2.2%	0.403	0.026
9-10	2	0.4%	2	0.4%	0.000	0.000

Table 3j. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
>10	2	0.4%	2	0.4%	0.000	0.000
Anxiety Disorders	85	17.1%	88	17.7%	-0.605	-0.016
Depressive Disorders	117	23.6%	103	20.8%	2.823	0.068
All other psychiatric and neurologic conditions	78	15.7%	67	13.5%	2.218	0.063
Obesity	39	7.9%	46	9.3%	-1.411	-0.050
Renal Disease	17	3.4%	12	2.4%	1.008	0.060
Alcohol Abuse or Dependence	4	0.8%	5	1.0%	-0.202	-0.021
Alcohol Use	1	0.2%	-	0.0%	0.202	-
Diabetes	7	1.4%	15	3.0%	-1.613	-0.110
Drug Abuse or Dependence	27	5.4%	15	3.0%	2.419	0.120
Gestational Diabetes	-	0.0%	6	1.2%	-1.210	-
Gestational Hypertension	-	0.0%	3	0.6%	-0.605	-
Gestational Renal Disease	1	0.2%	2	0.4%	-0.202	-0.037
Hypertension	22	4.4%	38	7.7%	-3.226	-0.136
Smoking	17	3.4%	29	5.8%	-2.419	-0.115
Baseline² Medical Product Use						
Psychotropic medications	238	48.0%	238	48.0%	0.000	0.000
Antihypertensive medications	35	7.1%	35	7.1%	0.000	0.000
Opioids	79	15.9%	97	19.6%	-3.629	-0.095
Suspected teratogens	78	15.7%	72	14.5%	1.210	0.034
Antidiabetic medications	15	3.0%	16	3.2%	-0.202	-0.012
Buprenorphine	6	1.2%	2	0.4%	0.806	0.090
Insulin	4	0.8%	5	1.0%	-0.202	-0.021
Methadone	2	0.4%	1	0.2%	0.202	0.037
Naloxone	2	0.4%	-	0.0%	0.403	-
Naltrexone	-	0.0%	1	0.2%	-0.202	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.1	0.5	0.2	0.7	-0.097	-0.164
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.2	-0.012	-0.077
Mean number of unique generics dispensed	4.2	3.0	2.6	2.7	1.683	0.594

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

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

⁵Covariates in blue show a standardized difference greater than 0.1

Table 3k. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	519	97.4%	519	23.4%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.4	4.7	31.3	5.2	0.130	0.026
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	406	78.2%	391	75.3%	2.890	0.068
35-54	113	21.8%	128	24.7%	-2.890	-0.068
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	1	0.2%	-0.193	-
2002	-	0.0%	-	0.0%	0.000	-
2003	3	0.6%	-	0.0%	0.578	-
2004	7	1.3%	4	0.8%	0.578	0.056
2005	9	1.7%	9	1.7%	0.000	0.000
2006	13	2.5%	7	1.3%	1.156	0.084
2007	30	5.8%	19	3.7%	2.119	0.100
2008	22	4.2%	34	6.6%	-2.312	-0.102
2009	59	11.4%	38	7.3%	4.046	0.139
2010	52	10.0%	56	10.8%	-0.771	-0.025
2011	33	6.4%	40	7.7%	-1.349	-0.053
2012	44	8.5%	34	6.6%	1.927	0.073
2013	37	7.1%	35	6.7%	0.385	0.015
2014	33	6.4%	49	9.4%	-3.083	-0.114
2015	40	7.7%	48	9.2%	-1.541	-0.055
2016	47	9.1%	46	8.9%	0.193	0.007
2017	35	6.7%	39	7.5%	-0.771	-0.030
2018	36	6.9%	45	8.7%	-1.734	-0.065
2019	19	3.7%	15	2.9%	0.771	0.043
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	1	0.2%	0.000	0.000
Race (Asian)	-	0.0%	-	0.0%	0.000	-
Race (Black or African American)	4	0.8%	9	1.7%	-0.963	-0.087
Race (Native Hawaiian or Other Pacific Islander)	1	0.2%	-	0.0%	0.193	-
Race (Unknown)	422	81.3%	433	83.4%	-2.119	-0.056
Race (White)	91	17.5%	76	14.6%	2.890	0.079

Table 3k. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Hispanic	7	1.3%	3	0.6%	0.771	0.079
Pregnancy Characteristics						
Preterm	35	6.7%	45	8.7%	-1.927	-0.072
Term	94	18.1%	105	20.2%	-2.119	-0.054
Postterm	80	15.4%	66	12.7%	2.697	0.078
Unknown term	310	59.7%	303	58.4%	1.349	0.027
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.7	1.5	0.135	0.096
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-7.6	22.0	-22.3	58.8	14.636	0.330
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.7	0.5	-0.058	-0.121
Mean number of dispensings in first trimester	1.8	1.0	2.0	1.1	-0.171	-0.167
Mean number of dispensings in second trimester	0.5	1.1	0.8	1.3	-0.293	-0.236
Mean number of dispensings in third trimester	0.3	1.0	0.6	1.3	-0.277	-0.241
	Number	Percent	Number	Percent		
Exposed during first trimester	519	100.0%	519	100.0%	0.000	-
Exposed during second trimester	127	24.5%	186	35.8%	-11.368	-0.250
Exposed during third trimester	73	14.1%	120	23.1%	-9.056	-0.234
Exposed during user-defined pre-pregnancy period	347	66.9%	380	73.2%	-6.358	-0.139
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.6	1.9	1.7	2.1	-0.050	-0.025
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	194	37.4%	181	34.9%	2.505	0.052
1-2	204	39.3%	220	42.4%	-3.083	-0.063
3-4	70	13.5%	73	14.1%	-0.578	-0.017
5-6	35	6.7%	26	5.0%	1.734	0.074
7-8	14	2.7%	12	2.3%	0.385	0.025
9-10	2	0.4%	3	0.6%	-0.193	-0.028
>10	-	0.0%	4	0.8%	-0.771	-
Anxiety Disorders	85	16.4%	79	15.2%	1.156	0.032

Table 3k. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019 (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Depressive Disorders	121	23.3%	117	22.5%	0.771	0.018
All other psychiatric and neurologic conditions	86	16.6%	87	16.8%	-0.193	-0.005
Obesity	36	6.9%	44	8.5%	-1.541	-0.058
Renal Disease	17	3.3%	18	3.5%	-0.193	-0.011
Alcohol Abuse or Dependence	5	1.0%	5	1.0%	0.000	0.000
Alcohol Use	1	0.2%	-	0.0%	0.193	-
Diabetes	9	1.7%	9	1.7%	0.000	0.000
Drug Abuse or Dependence	29	5.6%	16	3.1%	2.505	0.123
Gestational Diabetes	-	0.0%	2	0.4%	-0.385	-
Gestational Hypertension	-	0.0%	1	0.2%	-0.193	-
Gestational Renal Disease	1	0.2%	-	0.0%	0.193	-
Hypertension	22	4.2%	19	3.7%	0.578	0.030
Smoking	20	3.9%	17	3.3%	0.578	0.031
Baseline² Medical Product Use						
Psychotropic medications	245	47.2%	247	47.6%	-0.385	-0.008
Antihypertensive medications	33	6.4%	26	5.0%	1.349	0.058
Opioids	84	16.2%	83	16.0%	0.193	0.005
Suspected teratogens	82	15.8%	83	16.0%	-0.193	-0.005
Antidiabetic medications	14	2.7%	15	2.9%	-0.193	-0.012
Buprenorphine	7	1.3%	7	1.3%	0.000	0.000
Insulin	4	0.8%	4	0.8%	0.000	0.000
Methadone	2	0.4%	-	0.0%	0.385	-
Naloxone	3	0.6%	-	0.0%	0.578	-
Naltrexone	1	0.2%	-	0.0%	0.193	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.2	0.5	0.1	0.4	0.025	0.056
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.004	0.027
Mean number of unique generics dispensed	4.2	3.0	3.8	2.8	0.416	0.144

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3I. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	533	99.8%	533	3.7%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.5	4.7	31.5	4.8	-0.020	-0.004
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	414	77.7%	395	74.1%	3.565	0.083
35-54	119	22.3%	138	25.9%	-3.565	-0.083
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	-	0.0%	0.000	-
2002	-	0.0%	1	0.2%	-0.188	-
2003	3	0.6%	1	0.2%	0.375	0.061
2004	8	1.5%	3	0.6%	0.938	0.093
2005	9	1.7%	6	1.1%	0.563	0.048
2006	14	2.6%	4	0.8%	1.876	0.146
2007	32	6.0%	10	1.9%	4.128	0.213
2008	22	4.1%	11	2.1%	2.064	0.119
2009	60	11.3%	30	5.6%	5.629	0.203
2010	52	9.8%	36	6.8%	3.002	0.109
2011	34	6.4%	31	5.8%	0.563	0.024
2012	46	8.6%	44	8.3%	0.375	0.013
2013	38	7.1%	37	6.9%	0.188	0.007
2014	33	6.2%	60	11.3%	-5.066	-0.180
2015	41	7.7%	54	10.1%	-2.439	-0.086
2016	48	9.0%	41	7.7%	1.313	0.047
2017	35	6.6%	62	11.6%	-5.066	-0.177
2018	39	7.3%	63	11.8%	-4.503	-0.154
2019	19	3.6%	39	7.3%	-3.752	-0.166
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.2%	-	0.0%	0.188	-
Race (Asian)	-	0.0%	-	0.0%	0.000	-
Race (Black or African American)	4	0.8%	-	0.0%	0.750	-
Race (Native Hawaiian or Other Pacific Islander)	1	0.2%	-	0.0%	0.188	-
Race (Unknown)	425	79.7%	451	84.6%	-4.878	-0.128

Table 3I. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	102	19.1%	82	15.4%	3.752	0.099
Hispanic	7	1.3%	6	1.1%	0.188	0.017
Pregnancy Characteristics						
Preterm	36	6.8%	42	7.9%	-1.126	-0.043
Term	97	18.2%	140	26.3%	-8.068	-0.195
Postterm	81	15.2%	80	15.0%	0.188	0.005
Unknown term	319	59.8%	271	50.8%	9.006	0.182
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.8	1.4	0.107	0.078
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-7.6	22.0	-21.7	49.9	14.043	0.364
Mean number of dispensings in pre pregnancy period	0.7	0.5	0.7	0.4	-0.069	-0.149
Mean number of dispensings in first trimester	1.8	1.0	2.1	1.1	-0.332	-0.321
Mean number of dispensings in second trimester	0.5	1.1	1.0	1.4	-0.428	-0.338
Mean number of dispensings in third trimester	0.3	1.0	0.7	1.3	-0.330	-0.292
	Number	Percent	Number	Percent		
Exposed during first trimester	533	100.0%	533	100.0%	0.000	-
Exposed during second trimester	131	24.6%	208	39.0%	-14.447	-0.314
Exposed during third trimester	75	14.1%	135	25.3%	-11.257	-0.286
Exposed during user-defined pre-pregnancy period	355	66.6%	399	74.9%	-8.255	-0.182
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.6	2.0	1.6	1.9	-0.023	-0.012
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	200	37.5%	193	36.2%	1.313	0.027
1-2	208	39.0%	204	38.3%	0.750	0.015
3-4	72	13.5%	87	16.3%	-2.814	-0.079
5-6	36	6.8%	34	6.4%	0.375	0.015
7-8	14	2.6%	11	2.1%	0.563	0.037
9-10	2	0.4%	3	0.6%	-0.188	-0.027
>10	1	0.2%	1	0.2%	0.000	0.000

Table 3I. Baseline Characteristics of the Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Any Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Any Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Anxiety Disorders	90	16.9%	93	17.4%	-0.563	-0.015
Depressive Disorders	128	24.0%	125	23.5%	0.563	0.013
All other psychiatric and neurologic conditions	87	16.3%	86	16.1%	0.188	0.005
Obesity	42	7.9%	40	7.5%	0.375	0.014
Renal Disease	18	3.4%	19	3.6%	-0.188	-0.010
Alcohol Abuse or Dependence	5	0.9%	2	0.4%	0.563	0.070
Alcohol Use	1	0.2%	-	0.0%	0.188	-
Diabetes	10	1.9%	9	1.7%	0.188	0.014
Drug Abuse or Dependence	29	5.4%	16	3.0%	2.439	0.122
Gestational Diabetes	-	0.0%	5	0.9%	-0.938	-
Gestational Hypertension	-	0.0%	2	0.4%	-0.375	-
Gestational Renal Disease	1	0.2%	1	0.2%	0.000	0.000
Hypertension	24	4.5%	16	3.0%	1.501	0.079
Smoking	22	4.1%	23	4.3%	-0.188	-0.009
Baseline² Medical Product Use						
Psychotropic medications	255	47.8%	265	49.7%	-1.876	-0.038
Antihypertensive medications	36	6.8%	37	6.9%	-0.188	-0.007
Opioids	87	16.3%	79	14.8%	1.501	0.041
Suspected teratogens	84	15.8%	73	13.7%	2.064	0.058
Antidiabetic medications	16	3.0%	12	2.3%	0.750	0.047
Buprenorphine	7	1.3%	5	0.9%	0.375	0.036
Insulin	5	0.9%	5	0.9%	0.000	0.000
Methadone	2	0.4%	1	0.2%	0.188	0.035
Naloxone	3	0.6%	2	0.4%	0.188	0.027
Naltrexone	1	0.2%	-	0.0%	0.188	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.2	0.5	0.1	0.4	0.045	0.099
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.2	0.000	0.000
Mean number of unique generics dispensed	4.3	3.0	3.9	3.0	0.426	0.143

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3m. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	222	100.0%	222	0.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	32.0	4.6	31.8	4.5	0.243	0.053
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	173	77.9%	176	79.3%	-1.351	-0.033
35-54	49	22.1%	46	20.7%	1.351	0.033
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	-	0.0%	0.000	-
2002	-	0.0%	-	0.0%	0.000	-
2003	-	0.0%	-	0.0%	0.000	-
2004	-	0.0%	-	0.0%	0.000	-
2005	-	0.0%	-	0.0%	0.000	-
2006	-	0.0%	-	0.0%	0.000	-
2007	6	2.7%	4	1.8%	0.901	0.061
2008	10	4.5%	10	4.5%	0.000	0.000
2009	31	14.0%	20	9.0%	4.955	0.156
2010	29	13.1%	11	5.0%	8.108	0.286
2011	15	6.8%	19	8.6%	-1.802	-0.068
2012	20	9.0%	21	9.5%	-0.450	-0.016
2013	15	6.8%	16	7.2%	-0.450	-0.018
2014	13	5.9%	20	9.0%	-3.153	-0.120
2015	20	9.0%	19	8.6%	0.450	0.016
2016	21	9.5%	27	12.2%	-2.703	-0.087
2017	15	6.8%	20	9.0%	-2.252	-0.084
2018	19	8.6%	25	11.3%	-2.703	-0.091
2019	8	3.6%	10	4.5%	-0.901	-0.046
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	-	0.0%	0.000	-
Race (Asian)	-	0.0%	1	0.5%	-0.450	-
Race (Black or African American)	-	0.0%	1	0.5%	-0.450	-
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	-	0.0%	0.000	-
Race (Unknown)	197	88.7%	201	90.5%	-1.802	-0.059

Table 3m. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	25	11.3%	19	8.6%	2.703	0.091
Hispanic	4	1.8%	2	0.9%	0.901	0.078
Pregnancy Characteristics						
Preterm	17	7.7%	21	9.5%	-1.802	-0.064
Term	44	19.8%	52	23.4%	-3.604	-0.088
Postterm	35	15.8%	50	22.5%	-6.757	-0.172
Unknown term	126	56.8%	99	44.6%	12.162	0.245
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.4	39.9	1.5	-0.009	-0.006
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-1.5	8.5	0.0	0.0	-1.505	-
Mean number of dispensings in pre pregnancy period	0.5	0.5	0.0	0.0	0.500	-
Mean number of dispensings in first trimester	1.0	0.1	0.0	0.0	1.005	-
Mean number of dispensings in second trimester	0.1	0.3	0.0	0.0	0.086	-
Mean number of dispensings in third trimester	0.0	0.2	0.0	0.0	0.027	-
	Number	Percent	Number	Percent		
Exposed during first trimester	222	100.0%	-	0.0%	100.000	-
Exposed during second trimester	17	7.7%	-	0.0%	7.658	-
Exposed during third trimester	6	2.7%	-	0.0%	2.703	-
Exposed during user-defined pre-pregnancy period	112	50.5%	-	0.0%	50.450	-
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.7	2.1	1.6	2.1	0.086	0.041
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	83	37.4%	89	40.1%	-2.703	-0.056
1-2	82	36.9%	83	37.4%	-0.450	-0.009
3-4	30	13.5%	25	11.3%	2.252	0.068
5-6	18	8.1%	15	6.8%	1.351	0.052
7-8	7	3.2%	9	4.1%	-0.901	-0.048
9-10	1	0.5%	-	0.0%	0.450	-
>10	1	0.5%	1	0.5%	0.000	0.000

Table 3m. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Unexposed Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Anxiety Disorders	37	16.7%	41	18.5%	-1.802	-0.047
Depressive Disorders	39	17.6%	39	17.6%	0.000	0.000
All other psychiatric and neurologic conditions	22	9.9%	26	11.7%	-1.802	-0.058
Obesity	20	9.0%	20	9.0%	0.000	0.000
Renal Disease	6	2.7%	10	4.5%	-1.802	-0.097
Alcohol Abuse or Dependence	3	1.4%	-	0.0%	1.351	-
Alcohol Use	1	0.5%	-	0.0%	0.450	-
Diabetes	3	1.4%	3	1.4%	0.000	0.000
Drug Abuse or Dependence	6	2.7%	6	2.7%	0.000	0.000
Gestational Diabetes	-	0.0%	3	1.4%	-1.351	-
Gestational Hypertension	-	0.0%	-	0.0%	0.000	-
Gestational Renal Disease	1	0.5%	1	0.5%	0.000	0.000
Hypertension	10	4.5%	7	3.2%	1.351	0.070
Smoking	4	1.8%	9	4.1%	-2.252	-0.134
Baseline² Medical Product Use						
Psychotropic medications	88	39.6%	93	41.9%	-2.252	-0.046
Antihypertensive medications	14	6.3%	12	5.4%	0.901	0.038
Opioids	27	12.2%	25	11.3%	0.901	0.028
Suspected teratogens	36	16.2%	29	13.1%	3.153	0.089
Antidiabetic medications	7	3.2%	3	1.4%	1.802	0.122
Buprenorphine	-	0.0%	1	0.5%	-0.450	-
Insulin	1	0.5%	-	0.0%	0.450	-
Methadone	-	0.0%	1	0.5%	-0.450	-
Naloxone	-	0.0%	-	0.0%	0.000	-
Naltrexone	-	0.0%	-	0.0%	0.000	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.1	0.3	0.0	0.2	0.050	0.185
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.1	-0.014	-0.128
Mean number of unique generics dispensed	3.4	2.5	1.7	2.0	1.662	0.727

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3n. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	237	100.0%	237	12.7%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	32.1	4.6	32.1	4.7	0.076	0.016
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	184	77.6%	175	73.8%	3.797	0.089
35-54	53	22.4%	62	26.2%	-3.797	-0.089
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	-	0.0%	0.000	-
2002	-	0.0%	-	0.0%	0.000	-
2003	-	0.0%	-	0.0%	0.000	-
2004	-	0.0%	-	0.0%	0.000	-
2005	-	0.0%	-	0.0%	0.000	-
2006	-	0.0%	-	0.0%	0.000	-
2007	6	2.5%	11	4.6%	-2.110	-0.114
2008	10	4.2%	12	5.1%	-0.844	-0.040
2009	32	13.5%	20	8.4%	5.063	0.163
2010	30	12.7%	25	10.5%	2.110	0.066
2011	14	5.9%	23	9.7%	-3.797	-0.142
2012	21	8.9%	17	7.2%	1.688	0.062
2013	16	6.8%	16	6.8%	0.000	0.000
2014	14	5.9%	20	8.4%	-2.532	-0.098
2015	22	9.3%	17	7.2%	2.110	0.077
2016	24	10.1%	25	10.5%	-0.422	-0.014
2017	17	7.2%	23	9.7%	-2.532	-0.091
2018	21	8.9%	19	8.0%	0.844	0.030
2019	10	4.2%	9	3.8%	0.422	0.022
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	1	0.4%	-0.422	-
Race (Asian)	-	0.0%	-	0.0%	0.000	-
Race (Black or African American)	1	0.4%	-	0.0%	0.422	-
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	-	0.0%	0.000	-
Race (Unknown)	210	88.6%	214	90.3%	-1.688	-0.055

Table 3n. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	26	11.0%	22	9.3%	1.688	0.056
Hispanic	4	1.7%	-	0.0%	1.688	-
Pregnancy Characteristics						
Preterm	19	8.0%	18	7.6%	0.422	0.016
Term	48	20.3%	52	21.9%	-1.688	-0.041
Postterm	41	17.3%	33	13.9%	3.376	0.093
Unknown term	129	54.4%	134	56.5%	-2.110	-0.042
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.4	39.8	1.2	0.017	0.013
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-1.4	8.4	-14.6	32.1	13.232	0.564
Mean number of dispensings in pre pregnancy period	0.5	0.5	0.7	0.5	-0.215	-0.441
Mean number of dispensings in first trimester	1.0	0.1	1.9	1.1	-0.928	-1.248
Mean number of dispensings in second trimester	0.1	0.3	0.7	1.2	-0.650	-0.715
Mean number of dispensings in third trimester	0.0	0.2	0.5	1.2	-0.511	-0.600
	Number	Percent	Number	Percent		
Exposed during first trimester	237	100.0%	237	100.0%	0.000	-
Exposed during second trimester	19	8.0%	80	33.8%	-25.738	-0.668
Exposed during third trimester	6	2.5%	51	21.5%	-18.987	-0.610
Exposed during user-defined pre-pregnancy period	118	49.8%	170	71.7%	-21.941	-0.461
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.7	2.1	1.6	2.0	0.118	0.057
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	90	38.0%	89	37.6%	0.422	0.009
1-2	85	35.9%	91	38.4%	-2.532	-0.052
3-4	33	13.9%	35	14.8%	-0.844	-0.024
5-6	19	8.0%	14	5.9%	2.110	0.083
7-8	8	3.4%	6	2.5%	0.844	0.050
9-10	1	0.4%	-	0.0%	0.422	-
>10	1	0.4%	2	0.8%	-0.422	-0.053

Table 3n. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Methylphenidate Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Anxiety Disorders	39	16.5%	41	17.3%	-0.844	-0.023
Depressive Disorders	43	18.1%	43	18.1%	0.000	0.000
All other psychiatric and neurologic conditions	24	10.1%	24	10.1%	0.000	0.000
Obesity	23	9.7%	18	7.6%	2.110	0.075
Renal Disease	7	3.0%	9	3.8%	-0.844	-0.047
Alcohol Abuse or Dependence	4	1.7%	-	0.0%	1.688	-
Alcohol Use	1	0.4%	-	0.0%	0.422	-
Diabetes	4	1.7%	2	0.8%	0.844	0.076
Drug Abuse or Dependence	7	3.0%	5	2.1%	0.844	0.054
Gestational Diabetes	-	0.0%	-	0.0%	0.000	-
Gestational Hypertension	-	0.0%	-	0.0%	0.000	-
Gestational Renal Disease	1	0.4%	-	0.0%	0.422	-
Hypertension	11	4.6%	8	3.4%	1.266	0.065
Smoking	5	2.1%	2	0.8%	1.266	0.105
Baseline² Medical Product Use						
Psychotropic medications	93	39.2%	96	40.5%	-1.266	-0.026
Antihypertensive medications	15	6.3%	10	4.2%	2.110	0.094
Opioids	30	12.7%	30	12.7%	0.000	0.000
Suspected teratogens	39	16.5%	36	15.2%	1.266	0.035
Antidiabetic medications	8	3.4%	6	2.5%	0.844	0.050
Buprenorphine	-	0.0%	1	0.4%	-0.422	-
Insulin	2	0.8%	-	0.0%	0.844	-
Methadone	-	0.0%	-	0.0%	0.000	-
Naloxone	-	0.0%	-	0.0%	0.000	-
Naltrexone	1	0.4%	-	0.0%	0.422	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.1	0.3	0.1	0.3	0.008	0.028
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.0	0.004	-
Mean number of unique generics dispensed	3.5	2.5	3.6	2.8	-0.131	-0.049

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

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

⁵Covariates in blue show a standardized difference greater than 0.1

Table 30. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	238	100.0%	238	1.9%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	32.2	4.6	32.4	4.7	-0.260	-0.056
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	184	77.3%	174	73.1%	4.202	0.097
35-54	54	22.7%	64	26.9%	-4.202	-0.097
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	-	0.0%	0.000	-
2002	-	0.0%	-	0.0%	0.000	-
2003	-	0.0%	-	0.0%	0.000	-
2004	-	0.0%	-	0.0%	0.000	-
2005	-	0.0%	-	0.0%	0.000	-
2006	-	0.0%	-	0.0%	0.000	-
2007	6	2.5%	1	0.4%	2.101	0.175
2008	10	4.2%	5	2.1%	2.101	0.120
2009	32	13.4%	11	4.6%	8.824	0.312
2010	30	12.6%	12	5.0%	7.563	0.269
2011	15	6.3%	11	4.6%	1.681	0.074
2012	21	8.8%	15	6.3%	2.521	0.095
2013	16	6.7%	14	5.9%	0.840	0.035
2014	14	5.9%	19	8.0%	-2.101	-0.083
2015	22	9.2%	25	10.5%	-1.261	-0.042
2016	24	10.1%	32	13.4%	-3.361	-0.104
2017	17	7.1%	36	15.1%	-7.983	-0.256
2018	21	8.8%	39	16.4%	-7.563	-0.229
2019	10	4.2%	18	7.6%	-3.361	-0.143
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	-	0.0%	-	0.0%	0.000	-
Race (Asian)	-	0.0%	-	0.0%	0.000	-
Race (Black or African American)	1	0.4%	-	0.0%	0.420	-
Race (Native Hawaiian or Other Pacific Islander)	-	0.0%	-	0.0%	0.000	-
Race (Unknown)	210	88.2%	214	89.9%	-1.681	-0.054

Table 30. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	27	11.3%	24	10.1%	1.261	0.041
Hispanic	4	1.7%	2	0.8%	0.840	0.075
Pregnancy Characteristics						
Preterm	19	8.0%	14	5.9%	2.101	0.083
Term	48	20.2%	76	31.9%	-11.765	-0.270
Postterm	41	17.2%	57	23.9%	-6.723	-0.167
Unknown term	130	54.6%	91	38.2%	16.387	0.333
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.4	39.9	1.3	-0.050	-0.037
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-1.4	8.4	-19.0	35.3	17.601	0.686
Mean number of dispensings in pre pregnancy period	0.5	0.5	0.7	0.4	-0.231	-0.487
Mean number of dispensings in first trimester	1.0	0.1	2.0	1.0	-1.021	-1.411
Mean number of dispensings in second trimester	0.1	0.3	0.9	1.3	-0.811	-0.826
Mean number of dispensings in third trimester	0.0	0.2	0.6	1.2	-0.613	-0.691
	Number	Percent	Number	Percent		
Exposed during first trimester	238	100.0%	238	100.0%	0.000	-
Exposed during second trimester	19	8.0%	89	37.4%	-29.412	-0.750
Exposed during third trimester	6	2.5%	58	24.4%	-21.849	-0.676
Exposed during user-defined pre-pregnancy period	118	49.6%	179	75.2%	-25.630	-0.549
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.7	2.1	1.7	2.2	0.050	0.024
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	90	37.8%	87	36.6%	1.261	0.026
1-2	85	35.7%	99	41.6%	-5.882	-0.121
3-4	34	14.3%	27	11.3%	2.941	0.088
5-6	19	8.0%	15	6.3%	1.681	0.065
7-8	8	3.4%	5	2.1%	1.261	0.077
9-10	1	0.4%	4	1.7%	-1.261	-0.124
>10	1	0.4%	1	0.4%	0.000	0.000

Table 30. Baseline Characteristics of the One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Three Data Partners

	Cohorts				Covariate Balance	
	One Modafinil/Armodafinil Dispensing Pregnant Cohort		Amphetamines Pregnant Cohort		Between One Modafinil/Armodafinil Dispensing and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Anxiety Disorders	40	16.8%	47	19.7%	-2.941	-0.076
Depressive Disorders	44	18.5%	50	21.0%	-2.521	-0.063
All other psychiatric and neurologic conditions	24	10.1%	24	10.1%	0.000	0.000
Obesity	23	9.7%	18	7.6%	2.101	0.075
Renal Disease	7	2.9%	3	1.3%	1.681	0.117
Alcohol Abuse or Dependence	4	1.7%	-	0.0%	1.681	-
Alcohol Use	1	0.4%	-	0.0%	0.420	-
Diabetes	4	1.7%	3	1.3%	0.420	0.035
Drug Abuse or Dependence	7	2.9%	6	2.5%	0.420	0.026
Gestational Diabetes	-	0.0%	2	0.8%	-0.840	-
Gestational Hypertension	-	0.0%	-	0.0%	0.000	-
Gestational Renal Disease	1	0.4%	-	0.0%	0.420	-
Hypertension	11	4.6%	8	3.4%	1.261	0.064
Smoking	5	2.1%	7	2.9%	-0.840	-0.054
Baseline² Medical Product Use						
Psychotropic medications	94	39.5%	97	40.8%	-1.261	-0.026
Antihypertensive medications	15	6.3%	12	5.0%	1.261	0.055
Opioids	30	12.6%	25	10.5%	2.101	0.066
Suspected teratogens	39	16.4%	34	14.3%	2.101	0.058
Antidiabetic medications	8	3.4%	9	3.8%	-0.420	-0.023
Buprenorphine	-	0.0%	1	0.4%	-0.420	-
Insulin	2	0.8%	-	0.0%	0.840	-
Methadone	-	0.0%	-	0.0%	0.000	-
Naloxone	-	0.0%	-	0.0%	0.000	-
Naltrexone	1	0.4%	-	0.0%	0.420	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.1	0.3	0.1	0.3	0.008	0.025
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.0	0.004	-
Mean number of unique generics dispensed	3.5	2.5	3.6	2.6	-0.172	-0.067

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3p. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	254	100.0%	254	0.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.8	4.7	31.7	5.2	0.156	0.032
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	189	74.4%	186	73.2%	1.181	0.027
35-54	65	25.6%	68	26.8%	-1.181	-0.027
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	2	0.8%	-0.787	-
2002	-	0.0%	2	0.8%	-0.787	-
2003	1	0.4%	1	0.4%	0.000	0.000
2004	3	1.2%	1	0.4%	0.787	0.089
2005	5	2.0%	5	2.0%	0.000	0.000
2006	4	1.6%	4	1.6%	0.000	0.000
2007	18	7.1%	10	3.9%	3.150	0.138
2008	12	4.7%	8	3.1%	1.575	0.081
2009	23	9.1%	19	7.5%	1.575	0.057
2010	21	8.3%	24	9.4%	-1.181	-0.042
2011	20	7.9%	22	8.7%	-0.787	-0.029
2012	24	9.4%	25	9.8%	-0.394	-0.013
2013	24	9.4%	15	5.9%	3.543	0.133
2014	17	6.7%	19	7.5%	-0.787	-0.031
2015	14	5.5%	14	5.5%	0.000	0.000
2016	24	9.4%	25	9.8%	-0.394	-0.013
2017	18	7.1%	28	11.0%	-3.937	-0.138
2018	17	6.7%	26	10.2%	-3.543	-0.128
2019	9	3.5%	4	1.6%	1.969	0.125
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.4%	1	0.4%	0.000	0.000
Race (Asian)	-	0.0%	1	0.4%	-0.394	-
Race (Black or African American)	-	0.0%	10	3.9%	-3.937	-
Race (Native Hawaiian or Other Pacific Islander)	1	0.4%	-	0.0%	0.394	-
Race (Unknown)	208	81.9%	214	84.3%	-2.362	-0.063

Table 3p. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	44	17.3%	28	11.0%	6.299	0.181
Hispanic	3	1.2%	2	0.8%	0.394	0.040
Pregnancy Characteristics						
Preterm	16	6.3%	16	6.3%	0.000	0.000
Term	48	18.9%	61	24.0%	-5.118	-0.125
Postterm	38	15.0%	38	15.0%	0.000	0.000
Unknown term	152	59.8%	139	54.7%	5.118	0.104
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.8	1.3	0.039	0.030
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-14.0	29.1	0.0	0.0	-13.980	-
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.0	0.0	0.819	-
Mean number of dispensings in first trimester	2.6	0.9	0.0	0.0	2.594	-
Mean number of dispensings in second trimester	1.0	1.5	0.0	0.0	0.988	-
Mean number of dispensings in third trimester	0.7	1.3	0.0	0.0	0.665	-
	Number	Percent	Number	Percent		
Exposed during first trimester	254	100.0%	-	0.0%	100.000	-
Exposed during second trimester	106	41.7%	-	0.0%	41.732	-
Exposed during third trimester	69	27.2%	-	0.0%	27.165	-
Exposed during user-defined pre-pregnancy period	210	82.7%	-	0.0%	82.677	-
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.6	1.9	1.5	1.8	0.161	0.087
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	93	36.6%	96	37.8%	-1.181	-0.024
1-2	104	40.9%	111	43.7%	-2.756	-0.056
3-4	33	13.0%	27	10.6%	2.362	0.073
5-6	16	6.3%	16	6.3%	0.000	0.000
7-8	6	2.4%	3	1.2%	1.181	0.090
9-10	1	0.4%	-	0.0%	0.394	-
>10	1	0.4%	1	0.4%	0.000	0.000

Table 3p. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Unexposed Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Unexposed Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Anxiety Disorders	44	17.3%	43	16.9%	0.394	0.010
Depressive Disorders	70	27.6%	76	29.9%	-2.362	-0.052
All other psychiatric and neurologic conditions	53	20.9%	47	18.5%	2.362	0.059
Obesity	16	6.3%	15	5.9%	0.394	0.016
Renal Disease	11	4.3%	10	3.9%	0.394	0.020
Alcohol Abuse or Dependence	1	0.4%	3	1.2%	-0.787	-0.089
Alcohol Use	-	0.0%	-	0.0%	0.000	-
Diabetes	3	1.2%	4	1.6%	-0.394	-0.034
Drug Abuse or Dependence	20	7.9%	9	3.5%	4.331	0.187
Gestational Diabetes	-	0.0%	3	1.2%	-1.181	-
Gestational Hypertension	-	0.0%	-	0.0%	0.000	-
Gestational Renal Disease	-	0.0%	1	0.4%	-0.394	-
Hypertension	12	4.7%	10	3.9%	0.787	0.039
Smoking	12	4.7%	18	7.1%	-2.362	-0.100
Baseline² Medical Product Use						
Psychotropic medications	136	53.5%	141	55.5%	-1.969	-0.040
Antihypertensive medications	19	7.5%	13	5.1%	2.362	0.097
Opioids	47	18.5%	43	16.9%	1.575	0.041
Suspected teratogens	40	15.7%	48	18.9%	-3.150	-0.083
Antidiabetic medications	7	2.8%	8	3.1%	-0.394	-0.023
Buprenorphine	6	2.4%	-	0.0%	2.362	-
Insulin	3	1.2%	2	0.8%	0.394	0.040
Methadone	2	0.8%	1	0.4%	0.394	0.051
Naloxone	1	0.4%	-	0.0%	0.394	-
Naltrexone	-	0.0%	-	0.0%	0.000	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.2	0.6	0.2	0.5	0.004	0.007
Mean number of inpatient hospital encounters	0.0	0.1	0.0	0.3	-0.028	-0.131
Mean number of unique generics dispensed	4.8	3.1	2.9	3.0	1.858	0.607

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

⁴Related to user defined index date (pregnancy start, exposure date, or delivery date)

⁵Covariates in blue show a standardized difference greater than 0.1

Table 3q. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	266	98.9%	266	12.0%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.5	4.7	31.8	5.2	-0.299	-0.060
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	202	75.9%	191	71.8%	4.135	0.094
35-54	64	24.1%	75	28.2%	-4.135	-0.094
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	1	0.4%	-0.376	-
2002	-	0.0%	-	0.0%	0.000	-
2003	1	0.4%	-	0.0%	0.376	-
2004	5	1.9%	4	1.5%	0.376	0.029
2005	6	2.3%	5	1.9%	0.376	0.026
2006	6	2.3%	2	0.8%	1.504	0.124
2007	21	7.9%	7	2.6%	5.263	0.237
2008	12	4.5%	15	5.6%	-1.128	-0.051
2009	23	8.6%	26	9.8%	-1.128	-0.039
2010	21	7.9%	25	9.4%	-1.504	-0.054
2011	20	7.5%	18	6.8%	0.752	0.029
2012	25	9.4%	21	7.9%	1.504	0.054
2013	24	9.0%	17	6.4%	2.632	0.099
2014	17	6.4%	26	9.8%	-3.383	-0.124
2015	16	6.0%	31	11.7%	-5.639	-0.200
2016	23	8.6%	25	9.4%	-0.752	-0.026
2017	18	6.8%	17	6.4%	0.376	0.015
2018	19	7.1%	19	7.1%	0.000	0.000
2019	9	3.4%	7	2.6%	0.752	0.044
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.4%	1	0.4%	0.000	0.000
Race (Asian)	-	0.0%	-	0.0%	0.000	-
Race (Black or African American)	-	0.0%	4	1.5%	-1.504	-
Race (Native Hawaiian or Other Pacific Islander)	1	0.4%	-	0.0%	0.376	-
Race (Unknown)	213	80.1%	226	85.0%	-4.887	-0.129
Race (White)	51	19.2%	35	13.2%	6.015	0.164

Table 3q. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Hispanic	3	1.1%	2	0.8%	0.376	0.039
Pregnancy Characteristics						
Preterm	16	6.0%	21	7.9%	-1.880	-0.074
Term	48	18.0%	52	19.5%	-1.504	-0.038
Postterm	39	14.7%	40	15.0%	-0.376	-0.011
Unknown term	163	61.3%	153	57.5%	3.759	0.077
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.8	1.4	0.030	0.023
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-13.9	28.9	-21.0	59.5	7.117	0.152
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.7	0.5	0.117	0.265
Mean number of dispensings in first trimester	2.6	0.9	2.0	1.1	0.609	0.623
Mean number of dispensings in second trimester	1.0	1.5	0.9	1.3	0.094	0.067
Mean number of dispensings in third trimester	0.6	1.3	0.7	1.3	-0.064	-0.049
	Number	Percent	Number	Percent		
Exposed during first trimester	266	100.0%	266	100.0%	0.000	-
Exposed during second trimester	111	41.7%	96	36.1%	5.639	0.116
Exposed during third trimester	69	25.9%	70	26.3%	-0.376	-0.009
Exposed during user-defined pre-pregnancy period	221	83.1%	195	73.3%	9.774	0.238
	Mean	Standard Deviation	Mean	Standard Deviation		
Baseline² Health Characteristics						
Obstetric comorbidity index, mean	1.6	1.9	1.8	2.1	-0.192	-0.097
Obstetric comorbidity categories	Number	Percent	Number	Percent		
0	98	36.8%	82	30.8%	6.015	0.127
1-2	108	40.6%	123	46.2%	-5.639	-0.114
3-4	35	13.2%	38	14.3%	-1.128	-0.033
5-6	18	6.8%	10	3.8%	3.008	0.135
7-8	6	2.3%	8	3.0%	-0.752	-0.047
9-10	1	0.4%	3	1.1%	-0.752	-0.087
>10	-	0.0%	2	0.8%	-0.752	-
Anxiety Disorders	46	17.3%	46	17.3%	0.000	0.000
Depressive Disorders	75	28.2%	83	31.2%	-3.008	-0.066

Table 3q. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Methylphenidate Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Methylphenidate Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
All other psychiatric and neurologic conditions	57	21.4%	58	21.8%	-0.376	-0.009
Obesity	16	6.0%	17	6.4%	-0.376	-0.016
Renal Disease	10	3.8%	9	3.4%	0.376	0.020
Alcohol Abuse or Dependence	1	0.4%	2	0.8%	-0.376	-0.050
Alcohol Use	-	0.0%	-	0.0%	0.000	-
Diabetes	4	1.5%	5	1.9%	-0.376	-0.029
Drug Abuse or Dependence	21	7.9%	18	6.8%	1.128	0.043
Gestational Diabetes	-	0.0%	2	0.8%	-0.752	-
Gestational Hypertension	-	0.0%	1	0.4%	-0.376	-
Gestational Renal Disease	-	0.0%	1	0.4%	-0.376	-
Hypertension	12	4.5%	13	4.9%	-0.376	-0.018
Smoking	15	5.6%	11	4.1%	1.504	0.070
Baseline² Medical Product Use						
Psychotropic medications	141	53.0%	132	49.6%	3.383	0.068
Antihypertensive medications	18	6.8%	11	4.1%	2.632	0.116
Opioids	49	18.4%	45	16.9%	1.504	0.039
Suspected teratogens	41	15.4%	39	14.7%	0.752	0.021
Antidiabetic medications	7	2.6%	8	3.0%	-0.376	-0.023
Buprenorphine	7	2.6%	6	2.3%	0.376	0.024
Insulin	3	1.1%	2	0.8%	0.376	0.039
Methadone	2	0.8%	-	0.0%	0.752	-
Naloxone	1	0.4%	-	0.0%	0.376	-
Naltrexone	-	0.0%	-	0.0%	0.000	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.2	0.5	0.1	0.3	0.049	0.119
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.015	0.111
Mean number of unique generics dispensed	4.8	3.2	4.0	2.8	0.786	0.261

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 3r. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Number of pregnant patients	268	99.6%	268	1.9%	-	-
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation		
Mean maternal age at index date	31.5	4.7	31.7	4.7	-0.260	-0.056
Maternal age categories (years)	Number	Percent	Number	Percent		
10-34	204	76.1%	193	72.0%	4.104	0.094
35-54	64	23.9%	75	28.0%	-4.104	-0.094
Year of index date						
2000	-	0.0%	-	0.0%	0.000	-
2001	-	0.0%	-	0.0%	0.000	-
2002	-	0.0%	-	0.0%	0.000	-
2003	1	0.4%	-	0.0%	0.373	-
2004	5	1.9%	2	0.7%	1.119	0.099
2005	6	2.2%	3	1.1%	1.119	0.087
2006	7	2.6%	1	0.4%	2.239	0.185
2007	21	7.8%	3	1.1%	6.716	0.329
2008	12	4.5%	3	1.1%	3.358	0.205
2009	24	9.0%	9	3.4%	5.597	0.234
2010	21	7.8%	16	6.0%	1.866	0.074
2011	20	7.5%	14	5.2%	2.239	0.092
2012	25	9.3%	27	10.1%	-0.746	-0.025
2013	24	9.0%	22	8.2%	0.746	0.027
2014	17	6.3%	29	10.8%	-4.478	-0.160
2015	16	6.0%	22	8.2%	-2.239	-0.087
2016	23	8.6%	31	11.6%	-2.985	-0.099
2017	18	6.7%	29	10.8%	-4.104	-0.146
2018	19	7.1%	36	13.4%	-6.343	-0.210
2019	9	3.4%	21	7.8%	-4.478	-0.196
2020	-	0.0%	-	0.0%	0.000	-
Race categories ¹						
Race (American Indian or Alaska Native)	1	0.4%	-	0.0%	0.373	-
Race (Asian)	-	0.0%	-	0.0%	0.000	-
Race (Black or African American)	-	0.0%	1	0.4%	-0.373	-
Race (Native Hawaiian or Other Pacific Islander)	1	0.4%	-	0.0%	0.373	-
Race (Unknown)	213	79.5%	226	84.3%	-4.851	-0.126

Table 3r. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Race (White)	53	19.8%	41	15.3%	4.478	0.118
Hispanic	3	1.1%	3	1.1%	0.000	0.000
Pregnancy Characteristics						
Preterm	16	6.0%	24	9.0%	-2.985	-0.114
Term	48	17.9%	87	32.5%	-14.552	-0.340
Postterm	39	14.6%	36	13.4%	1.119	0.032
Unknown term	165	61.6%	121	45.1%	16.418	0.334
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean gestational age at delivery	39.9	1.3	39.7	1.5	0.228	0.163
Exposure Characteristics						
Gestational age of first exposure, weeks, mean (sd)	-14.2	29.1	-20.4	44.3	6.228	0.166
Mean number of dispensings in pre pregnancy period	0.8	0.4	0.7	0.5	0.108	0.250
Mean number of dispensings in first trimester	2.6	0.9	2.2	1.1	0.373	0.385
Mean number of dispensings in second trimester	1.0	1.5	1.0	1.4	-0.037	-0.026
Mean number of dispensings in third trimester	0.6	1.3	0.7	1.3	-0.086	-0.065
	Number	Percent	Number	Percent		
Exposed during first trimester	268	100.0%	268	100.0%	0.000	-
Exposed during second trimester	113	42.2%	112	41.8%	0.373	0.008
Exposed during third trimester	70	26.1%	73	27.2%	-1.119	-0.025
Exposed during user-defined pre-pregnancy period	223	83.2%	201	75.0%	8.209	0.203
Baseline² Health Characteristics						
	Mean	Standard Deviation	Mean	Standard Deviation		
Obstetric comorbidity index, mean	1.6	1.9	1.7	1.9	-0.090	-0.047
	Number	Percent	Number	Percent		
Obstetric comorbidity categories						
0	99	36.9%	89	33.2%	3.731	0.078
1-2	109	40.7%	110	41.0%	-0.373	-0.008
3-4	35	13.1%	48	17.9%	-4.851	-0.134
5-6	18	6.7%	14	5.2%	1.493	0.063
7-8	6	2.2%	4	1.5%	0.746	0.055
9-10	1	0.4%	2	0.7%	-0.373	-0.050
>10	-	0.0%	1	0.4%	-0.373	-

Table 3r. Baseline Characteristics of the Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, (Matched, Aggregated), Ratio: 1:1, Caliper: 0.05, Full Model - Four Data Partners

	Cohorts				Covariate Balance	
	Two or More Modafinil/Armodafinil Dispensings Pregnant Cohort		Amphetamines Pregnant Cohort		Between Two or More Modafinil/Armodafinil Dispensings and Amphetamines Pregnant Cohorts	
	Number	Percent	Number	Percent	Absolute Difference	Standardized Difference
Anxiety Disorders	46	17.2%	53	19.8%	-2.612	-0.067
Depressive Disorders	75	28.0%	72	26.9%	1.119	0.025
All other psychiatric and neurologic conditions	58	21.6%	58	21.6%	0.000	0.000
Obesity	16	6.0%	21	7.8%	-1.866	-0.074
Renal Disease	11	4.1%	14	5.2%	-1.119	-0.053
Alcohol Abuse or Dependence	1	0.4%	-	0.0%	0.373	-
Alcohol Use	-	0.0%	-	0.0%	0.000	-
Diabetes	4	1.5%	1	0.4%	1.119	0.117
Drug Abuse or Dependence	21	7.8%	9	3.4%	4.478	0.196
Gestational Diabetes	-	0.0%	2	0.7%	-0.746	-
Gestational Hypertension	-	0.0%	-	0.0%	0.000	-
Gestational Renal Disease	-	0.0%	2	0.7%	-0.746	-
Hypertension	12	4.5%	15	5.6%	-1.119	-0.051
Smoking	15	5.6%	16	6.0%	-0.373	-0.016
Baseline² Medical Product Use						
Psychotropic medications	143	53.4%	133	49.6%	3.731	0.075
Antihypertensive medications	18	6.7%	14	5.2%	1.493	0.063
Opioids	51	19.0%	46	17.2%	1.866	0.048
Suspected teratogens	41	15.3%	40	14.9%	0.373	0.010
Antidiabetic medications	7	2.6%	7	2.6%	0.000	0.000
Buprenorphine	7	2.6%	5	1.9%	0.746	0.050
Insulin	3	1.1%	1	0.4%	0.746	0.087
Methadone	2	0.7%	1	0.4%	0.373	0.050
Naloxone	2	0.7%	1	0.4%	0.373	0.050
Naltrexone	-	0.0%	-	0.0%	0.000	-
Baseline² Health Service Utilization Intensity						
	Mean	Standard Deviation	Mean	Standard Deviation		
Mean number of emergency room encounters	0.2	0.6	0.1	0.4	0.063	0.123
Mean number of inpatient hospital encounters	0.0	0.2	0.0	0.1	0.015	0.111
Mean number of unique generics dispensed	4.8	3.2	4.0	2.7	0.866	0.291

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

²Related to user defined index date (pregnancy start, exposure date, or delivery date)

³Covariates in blue show a standardized difference greater than 0.1

Table 4a. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Unexposed Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	527	8	15.18	0.67	1.05	1.047	(0.521, 2.105)
Unexposed Cohort	1,570,267	22,783	14.51				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	527	8	15.18	-1.9	0.89	0.887	(0.340, 2.317)
Unexposed Cohort	527	9	17.08				

Table 4b. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Methylphenidate Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	566	8	14.13	-0.41	0.97	0.972	(0.448, 2.106)
Methylphenidate Cohort	2,407	35	14.54				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	555	8	14.41	5.41	1.6	1.609	(0.523, 4.948)
Methylphenidate Cohort	555	5	9.01				

Table 4c. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Amphetamines Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	567	8	14.11	-5.15	0.73	0.729	(0.359, 1.478)
Amphetamines Cohort	15,370	296	19.26				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	565	8	14.16	-7.08	0.67	0.662	(0.268, 1.632)
Amphetamines Cohort	565	12	21.24				

Table 4d. Effect Estimates for Risk of Cardiac Malformations comparing the One Modafinil/Armodafinil Dispensing Cohort to the Unexposed Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
One Modafinil/Armodafinil Dispensing Cohort	258	3	11.63	-2.73	0.81	0.808	(0.259, 2.521)
Unexposed Cohort	1,532,512	22,003	14.36				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
One Modafinil/Armodafinil Dispensing Cohort	258	3	11.63	3.88	1.5	1.506	(0.250, 9.088)
Unexposed Cohort	258	2	7.75				

Table 4e. Effect Estimates for Risk of Cardiac Malformations comparing the One Modafinil/Armodafinil Dispensing Cohort to the Methylphenidate Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
One Modafinil/Armodafinil Dispensing Cohort	281	3	10.68				
Methylphenidate Cohort	2,354	34	14.44	-3.77	0.74	0.736	(0.225, 2.413)
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
One Modafinil/Armodafinil Dispensing Cohort	279	3	10.75				
Methylphenidate Cohort	279	3	10.75	0	1	1	(0.200, 4.998)

Table 4f. Effect Estimates for Risk of Cardiac Malformations comparing the One Modafinil/Armodafinil Dispensing Cohort to the Amphetamines Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
One Modafinil/Armodafinil Dispensing Cohort	282	3	10.64				
Amphetamines Cohort	14,879	280	18.82	-8.18	0.57	0.561	(0.179, 1.760)
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
One Modafinil/Armodafinil Dispensing Cohort	282	3	10.64				
Amphetamines Cohort	282	6	21.28	-10.64	0.5	0.495	(0.122, 1.998)

Table 4g. Effect Estimates for Risk of Cardiac Malformations comparing the Two or More Modafinil/Armodafinil Dispensings Cohort to the Unexposed Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
Two or More Modafinil/Armodafinil Dispensings Cohort	271	5	18.45	4.09	1.29	1.29	(0.533, 3.126)
Unexposed Cohort	1,532,513	22,003	14.36				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Two or More Modafinil/Armodafinil Dispensings Cohort	271	5	18.45	-18.45	0.5	0.491	(0.165, 1.455)
Unexposed Cohort	271	10	36.9				

Table 4h. Effect Estimates for Risk of Cardiac Malformations comparing the Two or More Modafinil/Armodafinil Dispensings Cohort to the Methylphenidate Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
Two or More Modafinil/Armodafinil Dispensings Cohort	286	5	17.48	3.04	1.21	1.214	(0.471, 3.130)
Methylphenidate Cohort	2,354	34	14.44				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Two or More Modafinil/Armodafinil Dispensings Cohort	281	5	17.79	3.56	1.25	1.255	(0.333, 4.721)
Methylphenidate Cohort	281	4	14.23				

Table 4i. Effect Estimates for Risk of Cardiac Malformations comparing the Two or More Modafinil/Armodafinil Dispensings Cohort to the Amphetamines Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% CI)
Unmatched Analysis (Site-adjusted only)							
Two or More Modafinil/Armodafinil Dispensings Cohort	286	5	17.48	-1.34	0.93	0.928	(0.380, 2.264)
Amphetamines Cohort	14,878	280	18.82				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Two or More Modafinil/Armodafinil Dispensings Cohort	283	5	17.67	3.53	1.25	1.254	(0.333, 4.721)
Amphetamines Cohort	283	4	14.13				

Table 4j. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Unexposed Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	496	7	14.11	-0.21	0.99	0.985	(0.467, 2.078)
Unexposed Cohort	1,475,373	21,132	14.32				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	496	7	14.11	4.03	1.4	1.406	(0.443, 4.459)
Unexposed Cohort	496	5	10.08				

Table 4k. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Methylphenidate Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	533	7	13.13	-1.3	0.91	0.909	(0.399, 2.070)
Methylphenidate Cohort	2,217	32	14.43				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	519	7	13.49	-7.71	0.64	0.631	(0.243, 1.642)
Methylphenidate Cohort	519	11	21.19				

Table 4I. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Amphetamines Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	534	7	13.11	-5.93	0.69	0.684	(0.322, 1.456)
Amphetamines Cohort	14,442	275	19.04				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	533	7	13.13	-9.38	0.58	0.578	(0.226, 1.479)
Amphetamines Cohort	533	12	22.51				

Table 4m. Effect Estimates for Risk of Cardiac Malformations comparing the One Modafinil/Armodafinil Dispensing Cohort to the Unexposed Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Full Model - Three Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
One Modafinil/Armodafinil Dispensing	222	3	13.51	-1.53	0.9	0.897	(0.287, 2.803)
Unexposed Cohort	1,293,277	19,451	15.04				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
One Modafinil/Armodafinil Dispensing	222	3	13.51	-18.02	0.43	0.421	(0.107, 1.648)
Unexposed Cohort	222	7	31.53				

Table 4n. Effect Estimates for Risk of Cardiac Malformations comparing the One Modafinil/Armodafinil Dispensing Cohort to the Methylphenidate Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Full Model - Three Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
One Modafinil/Armodafinil Dispensing	237	3	12.66				
Methylphenidate Cohort	1,868	30	16.06	-3.4	0.79	0.785	(0.238, 2.594)
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
One Modafinil/Armodafinil Dispensing	237	3	12.66				
Methylphenidate Cohort	237	2	8.44	4.22	1.5	1.506	(0.249, 9.098)

Table 4o. Effect Estimates for Risk of Cardiac Malformations comparing the One Modafinil/Armodafinil Dispensing Cohort to the Amphetamines Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Full Model - Three Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
One Modafinil/Armodafinil Dispensing	238	3	12.61				
Amphetamines Cohort	12,799	249	19.45	-6.85	0.65	0.643	(0.205, 2.023)
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
One Modafinil/Armodafinil Dispensing	238	3	12.61				
Amphetamines Cohort	238	4	16.81	-4.2	0.75	0.747	(0.165, 3.373)

Table 4p. Effect Estimates for Risk of Cardiac Malformations comparing the Two or More Modafinil/Armodafinil Dispensings Cohort to the Unexposed Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
Two or More Modafinil/Armodafinil Dispensings	254	4	15.75	1.43	1.1	1.101	(0.410, 2.957)
Unexposed Cohort	1,475,396	21,132	14.32				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Two or More Modafinil/Armodafinil Dispensings	254	4	15.75	-15.75	0.5	0.492	(0.146, 1.655)
Unexposed Cohort	254	8	31.5				

Table 4q. Effect Estimates for Risk of Cardiac Malformations comparing the Two or More Modafinil/Armodafinil Dispensings Cohort to the Methylphenidate Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
Two or More Modafinil/Armodafinil Dispensings	269	4	14.87				
Methylphenidate Cohort	2,217	32	14.43	0.44	1.03	1.031	(0.362, 2.937)
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Two or More Modafinil/Armodafinil Dispensings	266	4	15.04				
Methylphenidate Cohort	266	4	15.04	0	1	1	(0.247, 4.041)

Table 4r. Effect Estimates for Risk of Cardiac Malformations comparing the Two or More Modafinil/Armodafinil Dispensings Cohort to the Amphetamines Cohort by Analysis Type in the Sentinel Distributed Database (SDD) From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Unmatched Analysis (Site-adjusted only)							
Two or More Modafinil/Armodafinil Dispensings	269	4	14.87	-4.17	0.78	0.778	(0.288, 2.102)
Amphetamines Cohort	14,442	275	19.04				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Two or More Modafinil/Armodafinil Dispensings	268	4	14.93	-11.19	0.57	0.565	(0.163, 1.953)
Amphetamines Cohort	268	7	26.12				

Table 5a. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Unexposed Cohort in the Sentinel Distributed Database (SDD) by Analysis Type and Age Group From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Age Group: 10-34							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	405	6	14.81	0.99	1.07	1.073	(0.479, 2.403)
Unexposed Cohort	1,275,124	17,624	13.82				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	401	6	14.96	2.49	1.2	1.203	(0.364, 3.974)
Unexposed Cohort	401	5	12.47				
Age Group: 35-54							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	122	2	16.39	-1.09	0.94	0.937	(0.232, 3.790)
Unexposed Cohort	295,143	5,159	17.48				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	115	2	17.39	-17.39	0.5	0.491	(0.088, 2.736)
Unexposed Cohort	115	4	34.78				

Table 5b. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Methylphenidate Cohort in the Sentinel Distributed Database (SDD) by Analysis Type and Age Group From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Age Group: 10-34							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	439	6	13.67	-0.72	0.95	0.949	(0.389, 2.313)
Methylphenidate Cohort	1,876	27	14.39				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	406	6	14.78	2.46	1.2	1.203	(0.364, 3.974)
Methylphenidate Cohort	406	5	12.32				
Age Group: 35-54							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	127	2	15.75	0.68	1.05	1.046	(0.219, 4.986)
Methylphenidate Cohort	531	8	15.07				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	115	1	8.7	8.7	-	-	-
Methylphenidate Cohort	115	0	0				

Table 5c. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Amphetamines Cohort in the Sentinel Distributed Database (SDD) by Analysis Type and Age Group From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Age Group: 10-34							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	439	6	13.67				
Amphetamines Cohort	12,940	233	18.01	-4.34	0.76	0.756	(0.334, 1.709)
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	414	6	14.49				
Amphetamines Cohort	414	8	19.32	-4.83	0.75	0.746	(0.257, 2.170)
Age Group: 35-54							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	128	2	15.63				
Amphetamines Cohort	2,430	63	25.93	-10.3	0.6	0.596	(0.144, 2.465)
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	115	2	17.39				
Amphetamines Cohort	115	3	26.09	-8.7	0.67	0.661	(0.108, 4.030)

Table 5d. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Unexposed Cohort in the Sentinel Distributed Database (SDD) by Analysis Type and Age Group From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Age Group: 10-34							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	381	5	13.12	-0.51	0.96	0.962	(0.398, 2.325)
Unexposed Cohort	1,201,525	16,384	13.64				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	368	5	13.59	5.43	1.67	1.676	(0.398, 7.064)
Unexposed Cohort	368	3	8.15				
Age Group: 35-54							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	115	2	17.39	0.05	1	1.003	(0.248, 4.061)
Unexposed Cohort	273,848	4,748	17.34				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	106	2	18.87	0	1	1	(0.138, 7.233)
Unexposed Cohort	106	2	18.87				

Table 5e. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Methylphenidate Cohort in the Sentinel Distributed Database (SDD) by Analysis Type and Age Group From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Age Group: 10-34							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	414	5	12.08	-1.75	0.87	0.872	(0.331, 2.299)
Methylphenidate Cohort	1,736	24	13.82				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	376	5	13.3	-10.64	0.56	0.55	(0.182, 1.655)
Methylphenidate Cohort	376	9	23.94				
Age Group: 35-54							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	119	2	16.81	0.17	1.01	1.011	(0.212, 4.822)
Methylphenidate Cohort	481	8	16.63				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	98	1	10.2	-10.2	0.5	0.495	(0.044, 5.548)
Methylphenidate Cohort	98	2	20.41				

Table 5f. Effect Estimates for Risk of Cardiac Malformations comparing the Any Modafinil/Armodafinil Dispensings Cohort to the Amphetamines Cohort in the Sentinel Distributed Database (SDD) by Analysis Type and Age Group From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

	Number of Pregnant Patients	Number of Events	Risk per 1,000 Pregnant Patients	Risk Difference per 1,000 Pregnant Patients	Risk Ratio	Odds Ratio	(95% Confidence Interval)
Age Group: 10-34							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	414	5	12.08	-5.78	0.68	0.673	(0.276, 1.641)
Amphetamines Cohort	12,155	217	17.85				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	392	5	12.76	-2.55	0.83	0.831	(0.252, 2.746)
Amphetamines Cohort	392	6	15.31				
Age Group: 35-54							
Unmatched Analysis (Site-adjusted only)							
Any Modafinil/Armodafinil Dispensings Cohort	120	2	16.67	-8.69	0.66	0.651	(0.157, 2.699)
Amphetamines Cohort	2,287	58	25.36				
1:1 Matched Conditional Predefined Analysis; Caliper= 0.05							
Any Modafinil/Armodafinil Dispensings Cohort	116	2	17.24	-8.62	0.67	0.661	(0.108, 4.030)
Amphetamines Cohort	116	3	25.86				

Figure 1a. Distribution of Propensity Scores Before Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

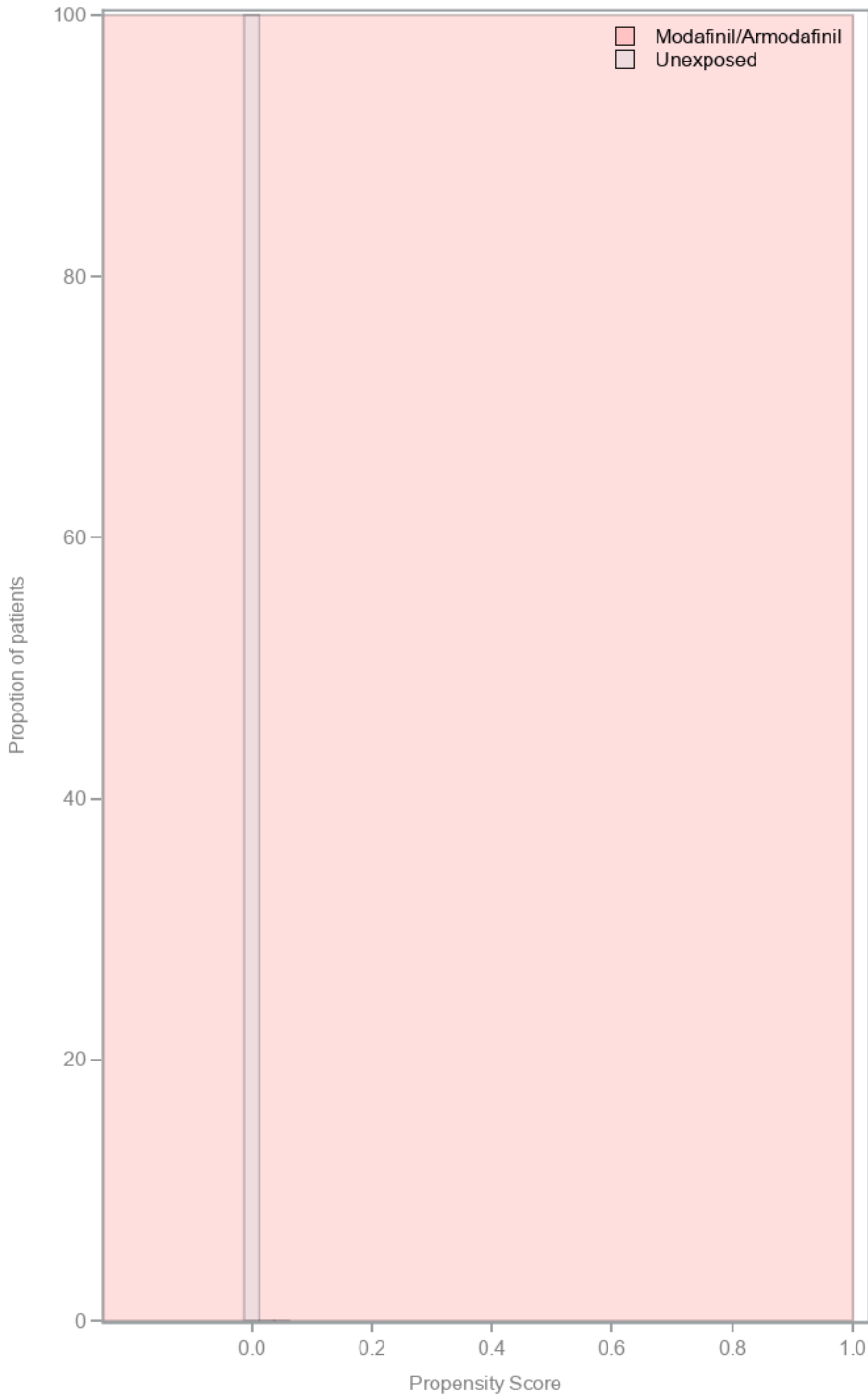


Figure 1b. Distribution of Propensity Scores Before Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

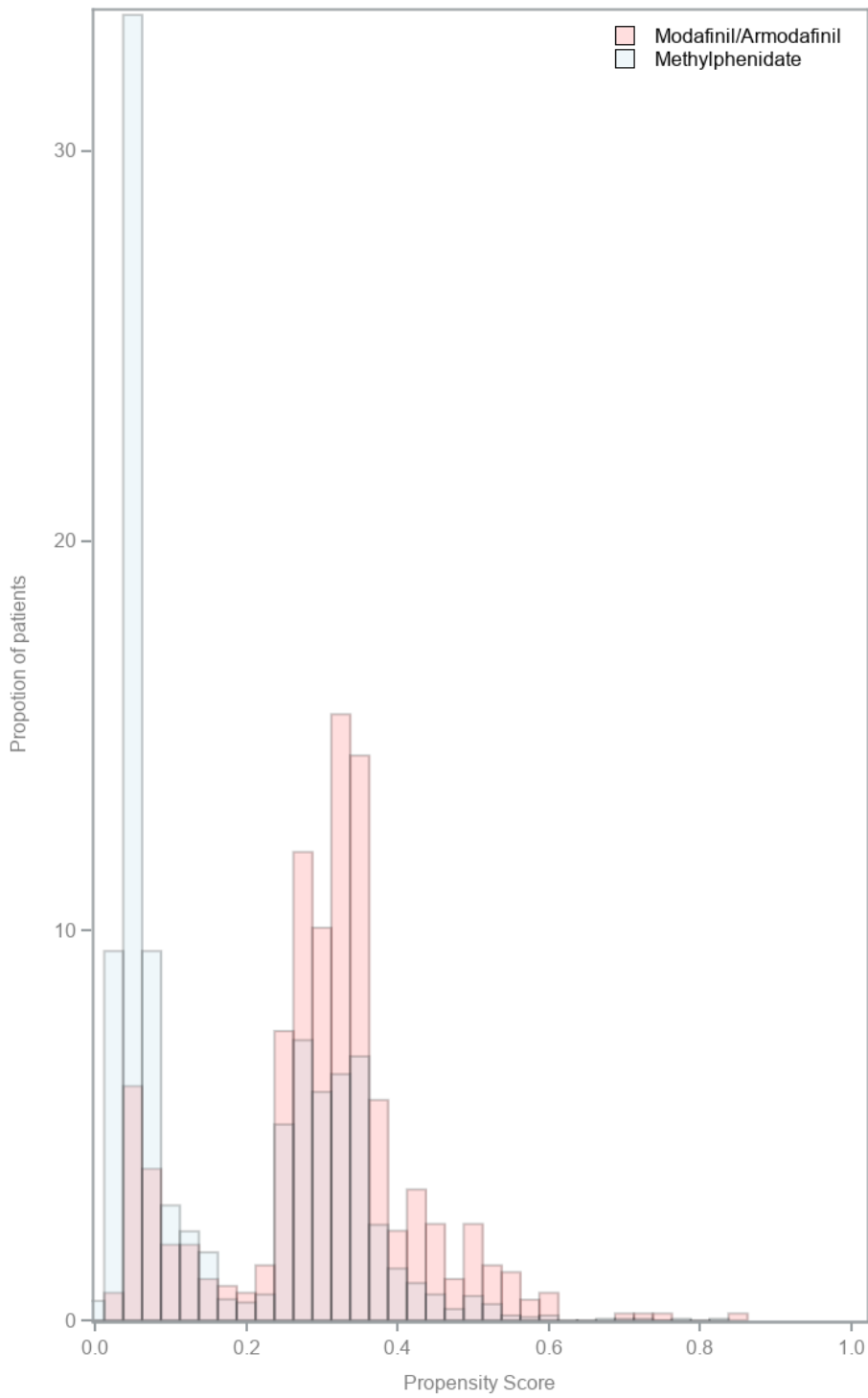


Figure 1c. Distribution of Propensity Scores Before Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

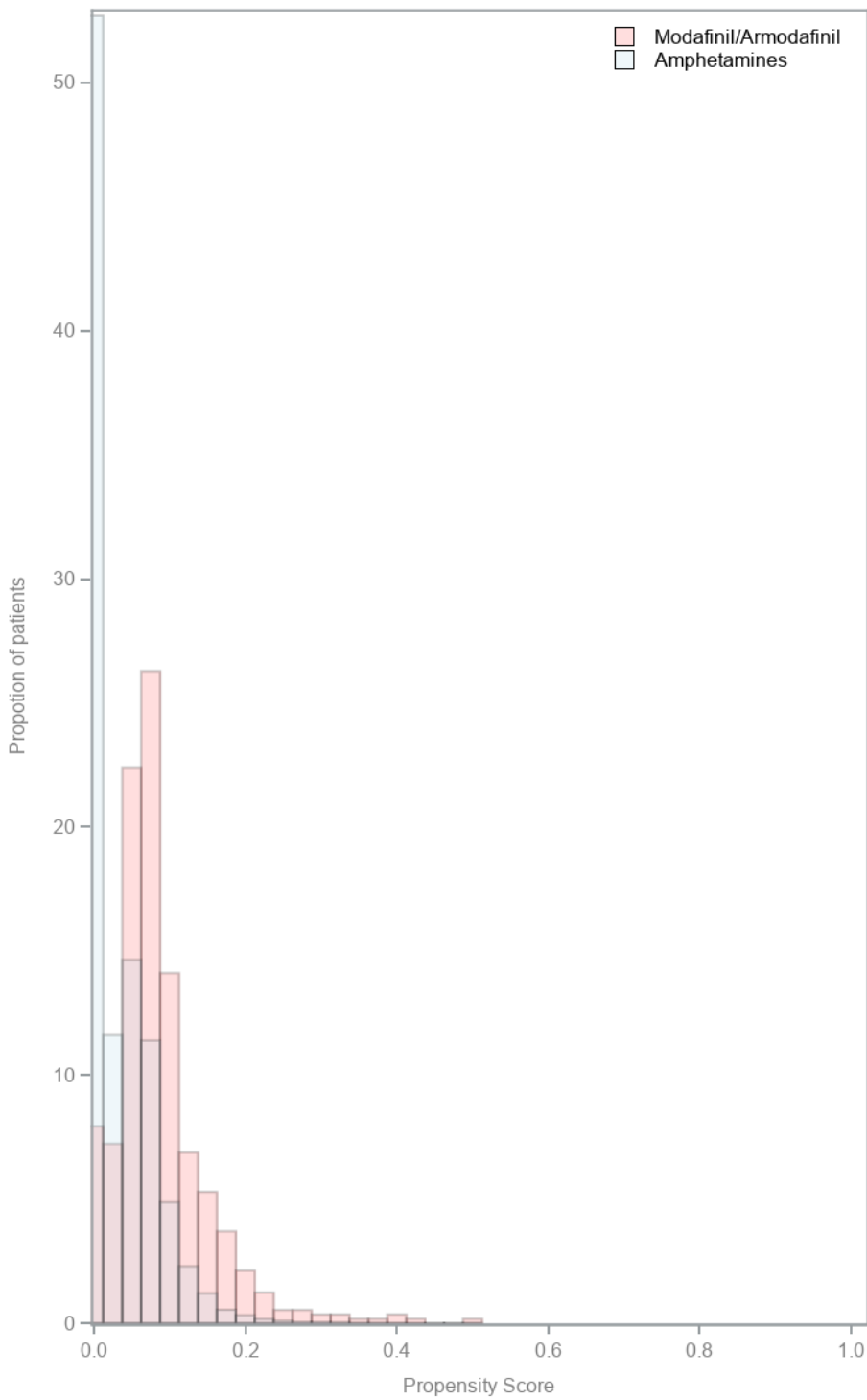


Figure 1d. Distribution of Propensity Scores Before Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

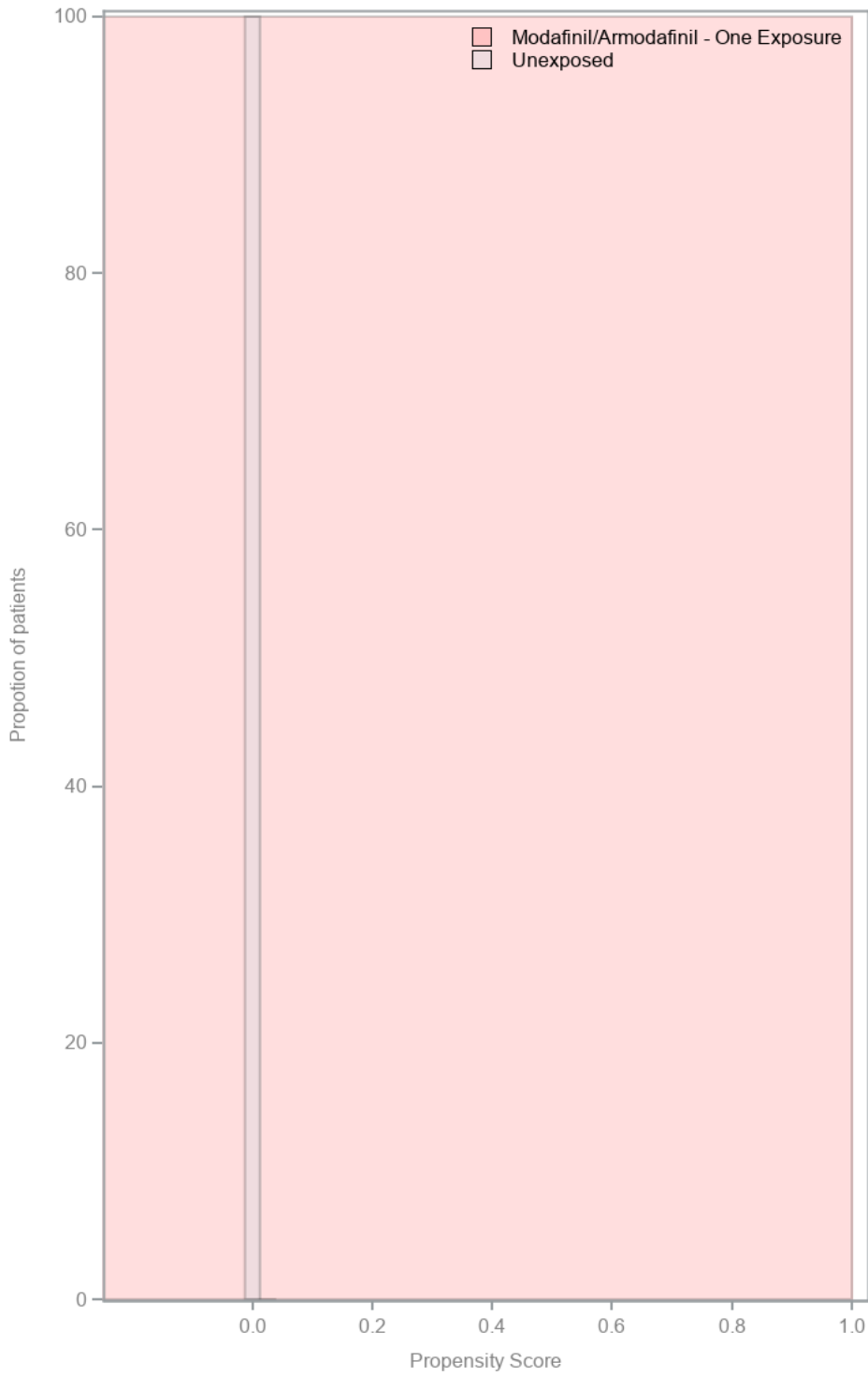


Figure 1e. Distribution of Propensity Scores Before Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

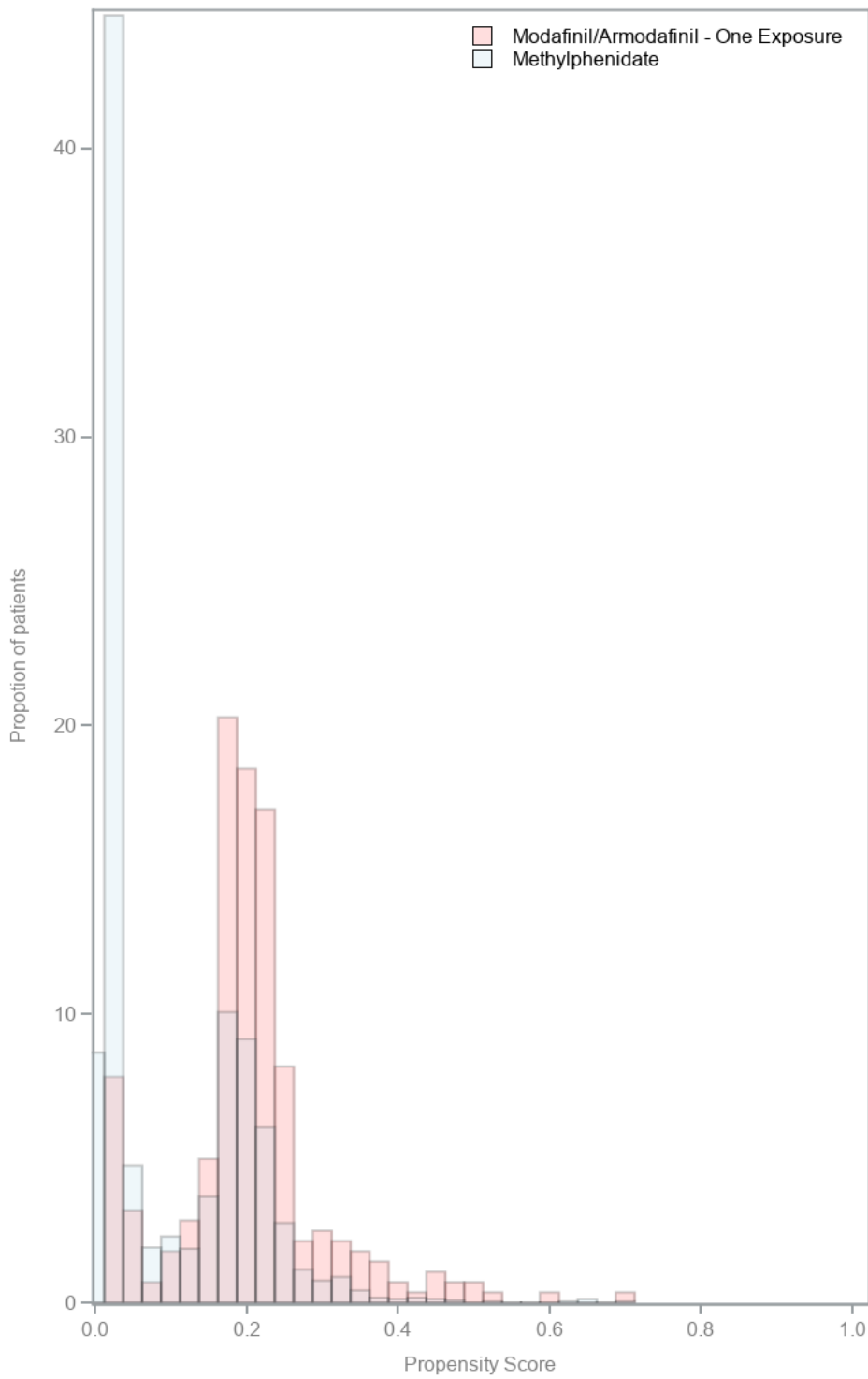


Figure 1f. Distribution of Propensity Scores Before Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

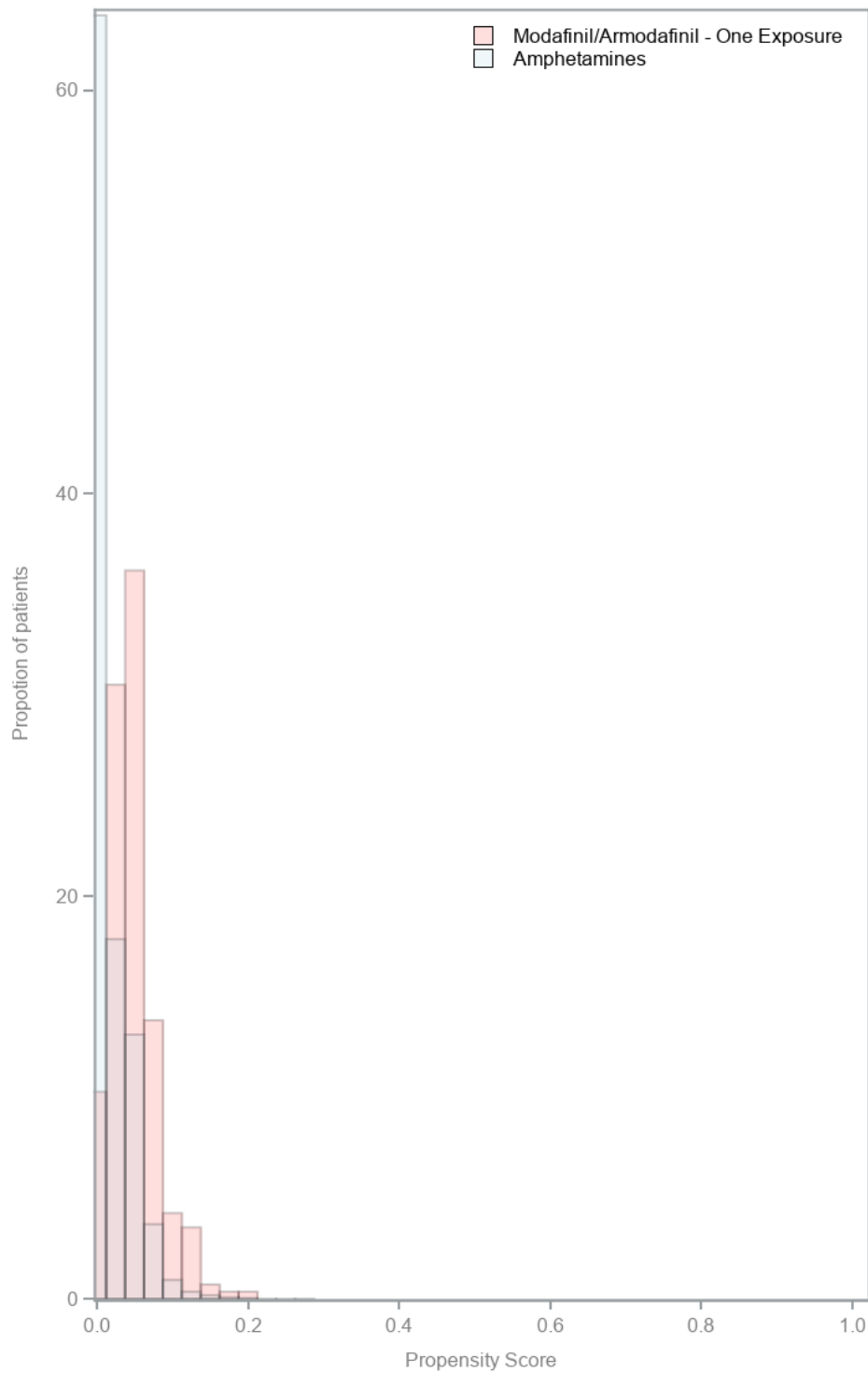


Figure 1g. Distribution of Propensity Scores Before Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

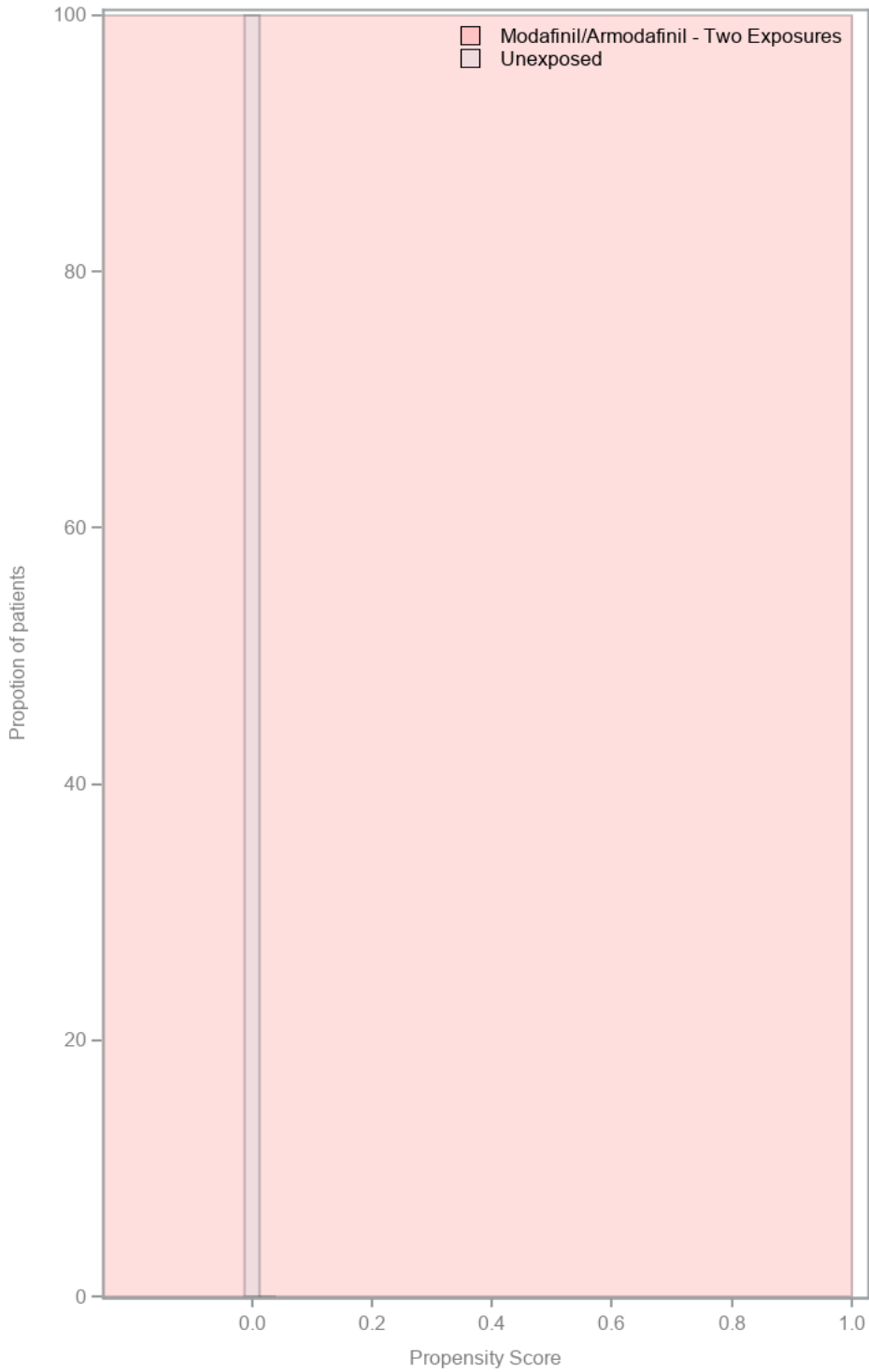


Figure 1h. Distribution of Propensity Scores Before Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

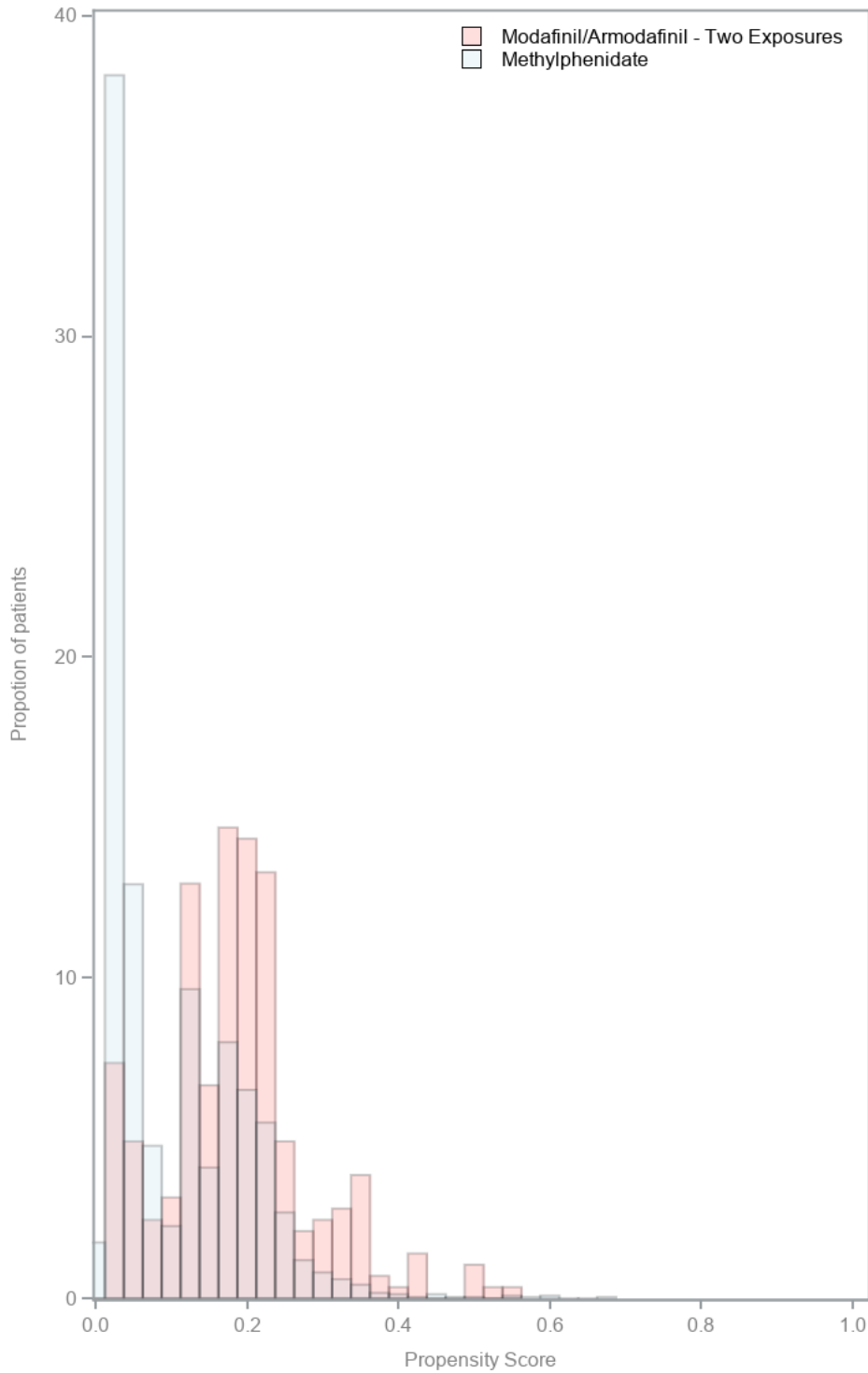


Figure 1i. Distribution of Propensity Scores Before Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

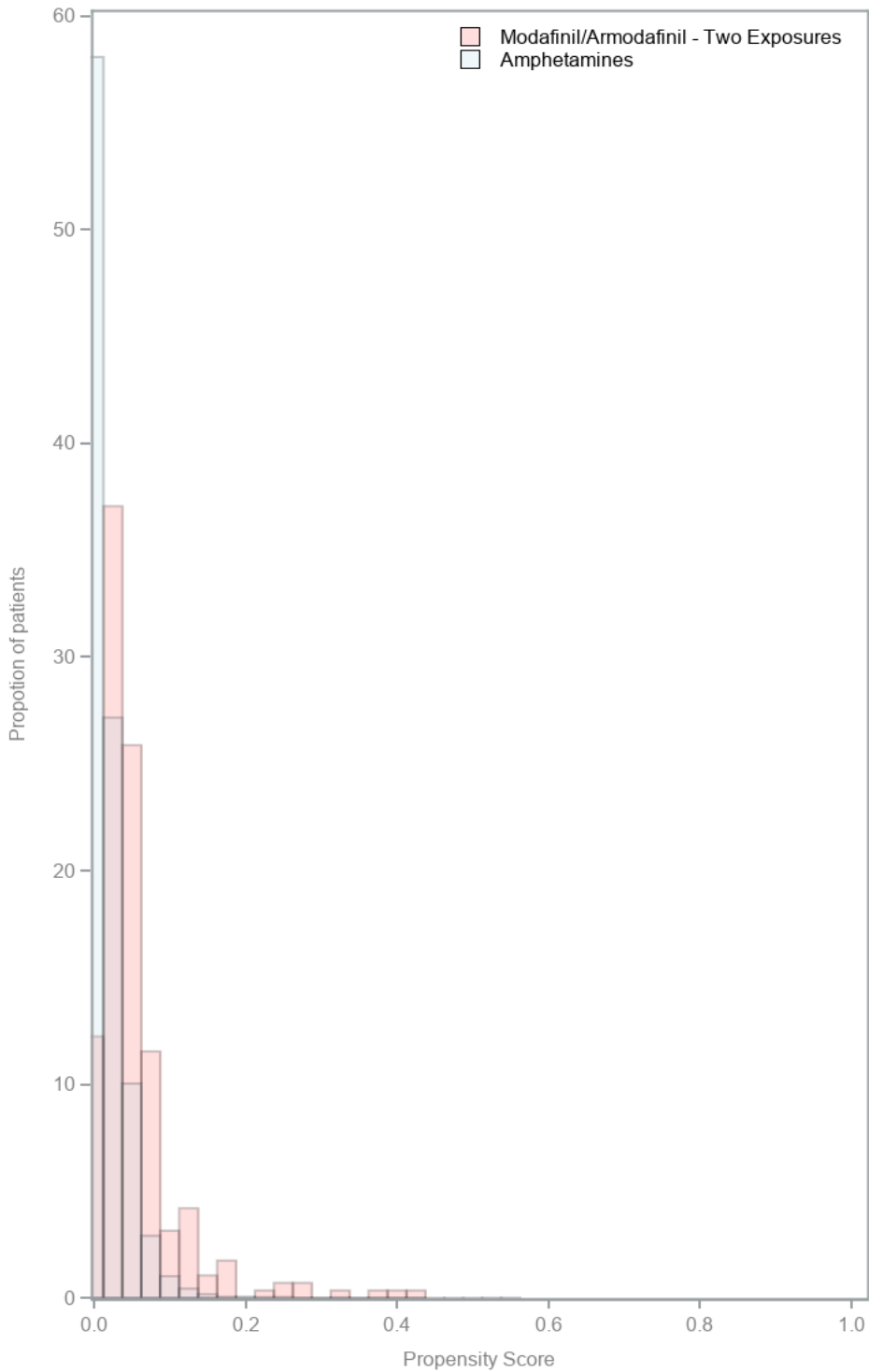


Figure 1j. Distribution of Propensity Scores Before Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

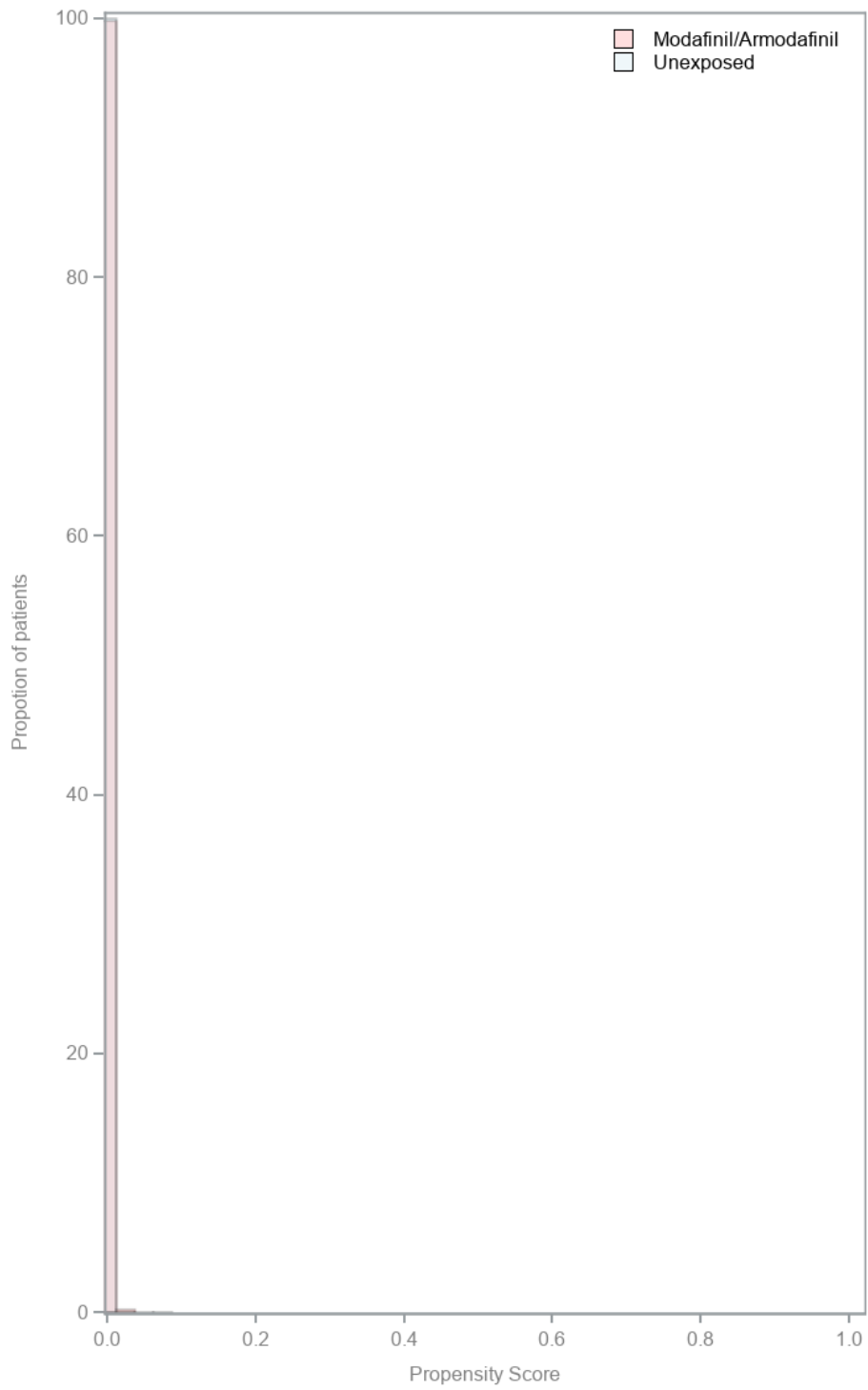


Figure 1k. Distribution of Propensity Scores Before Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

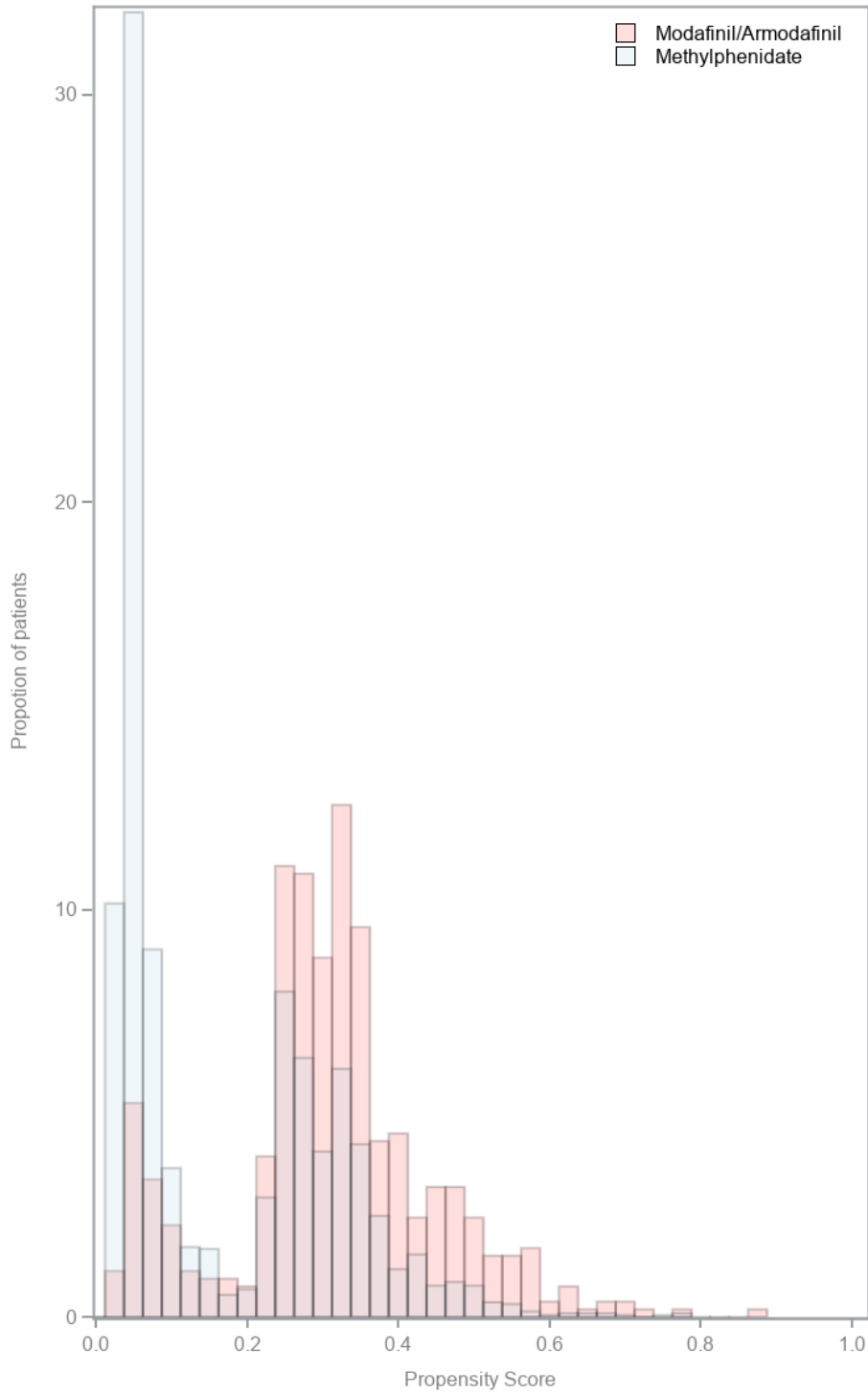


Figure 11. Distribution of Propensity Scores Before Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

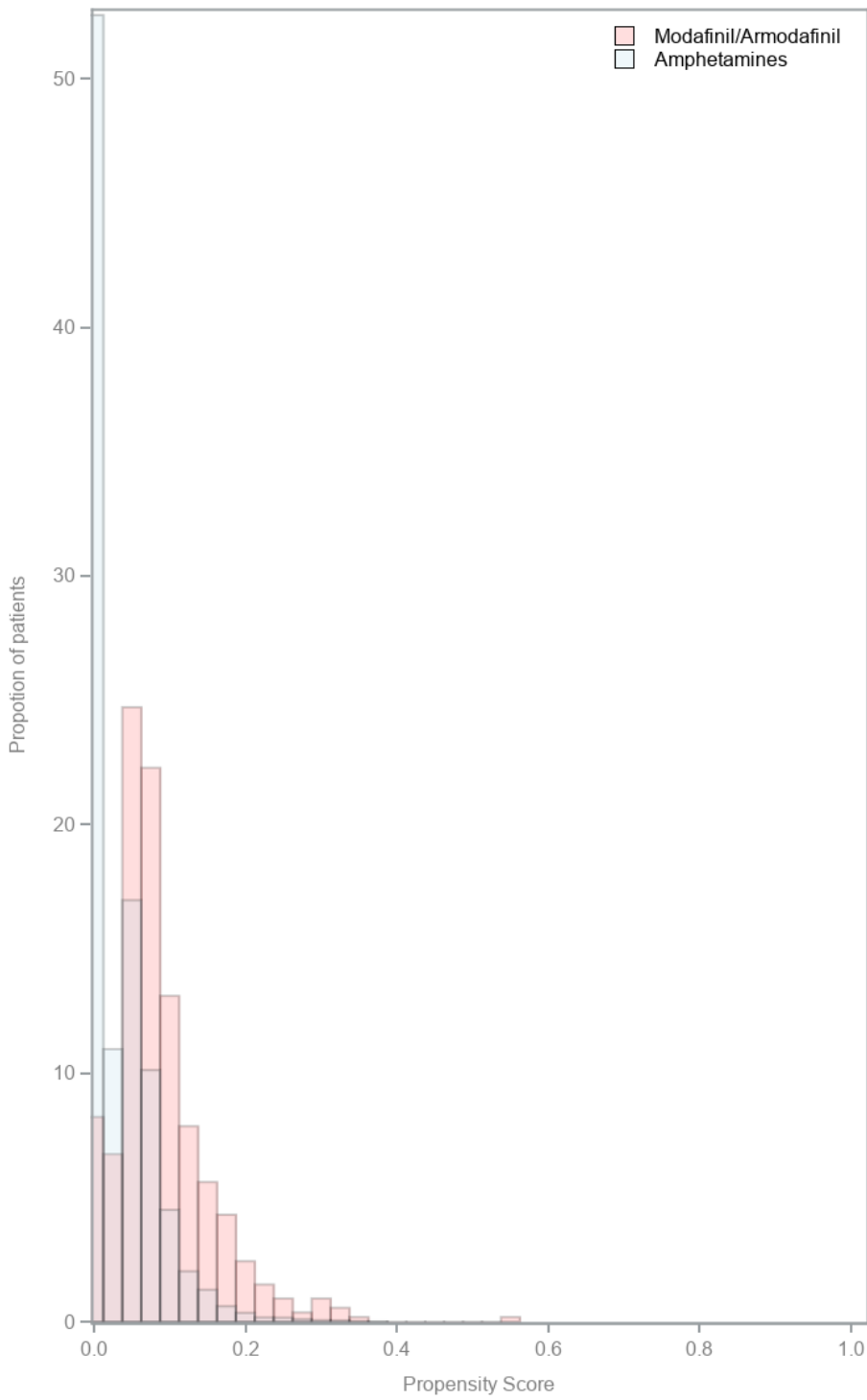


Figure 1m. Distribution of Propensity Scores Before Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Three Data Partners

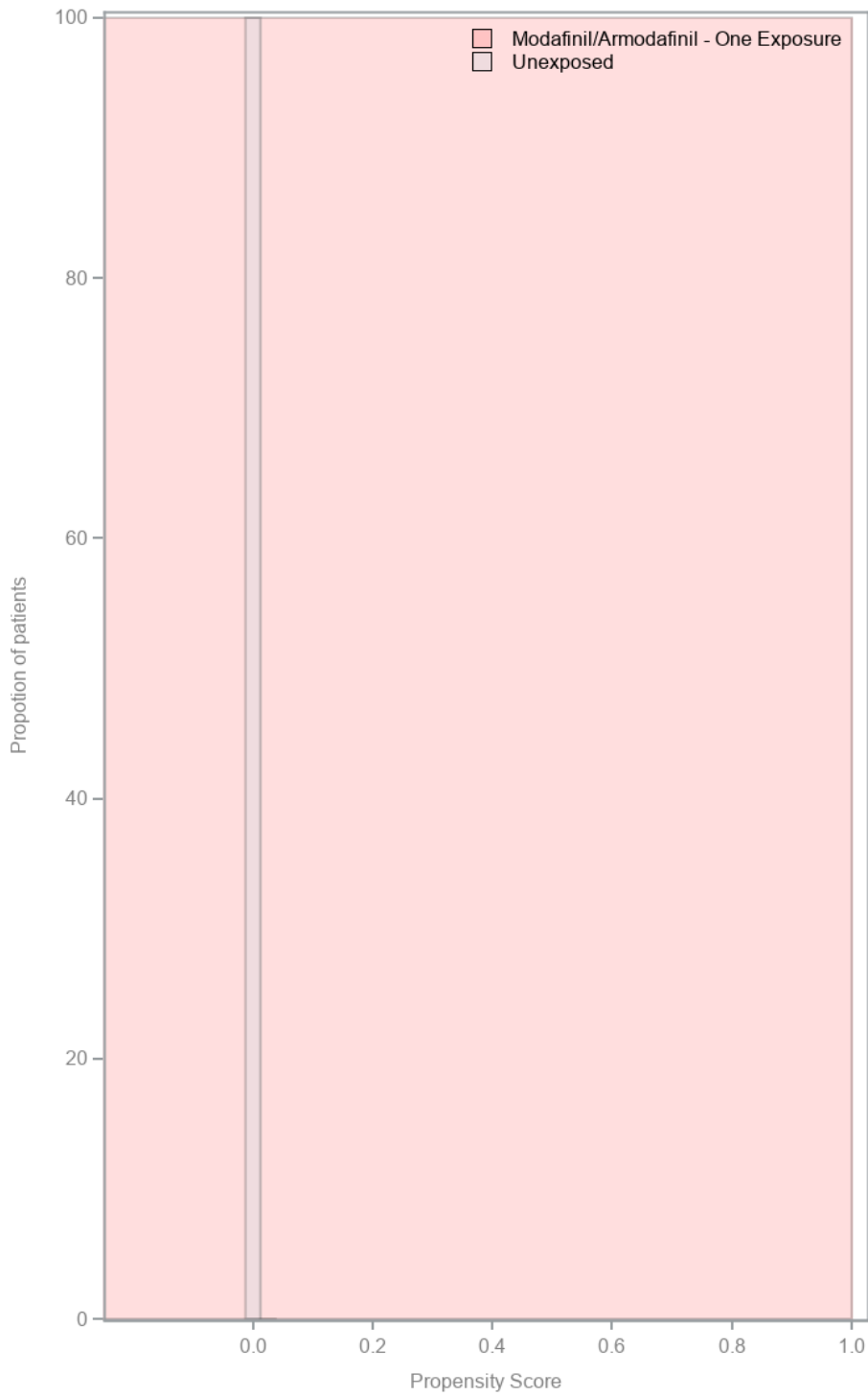


Figure 1n. Distribution of Propensity Scores Before Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort From January 1, 2000 to December 31, 2019, Full Model - Three Data Partners

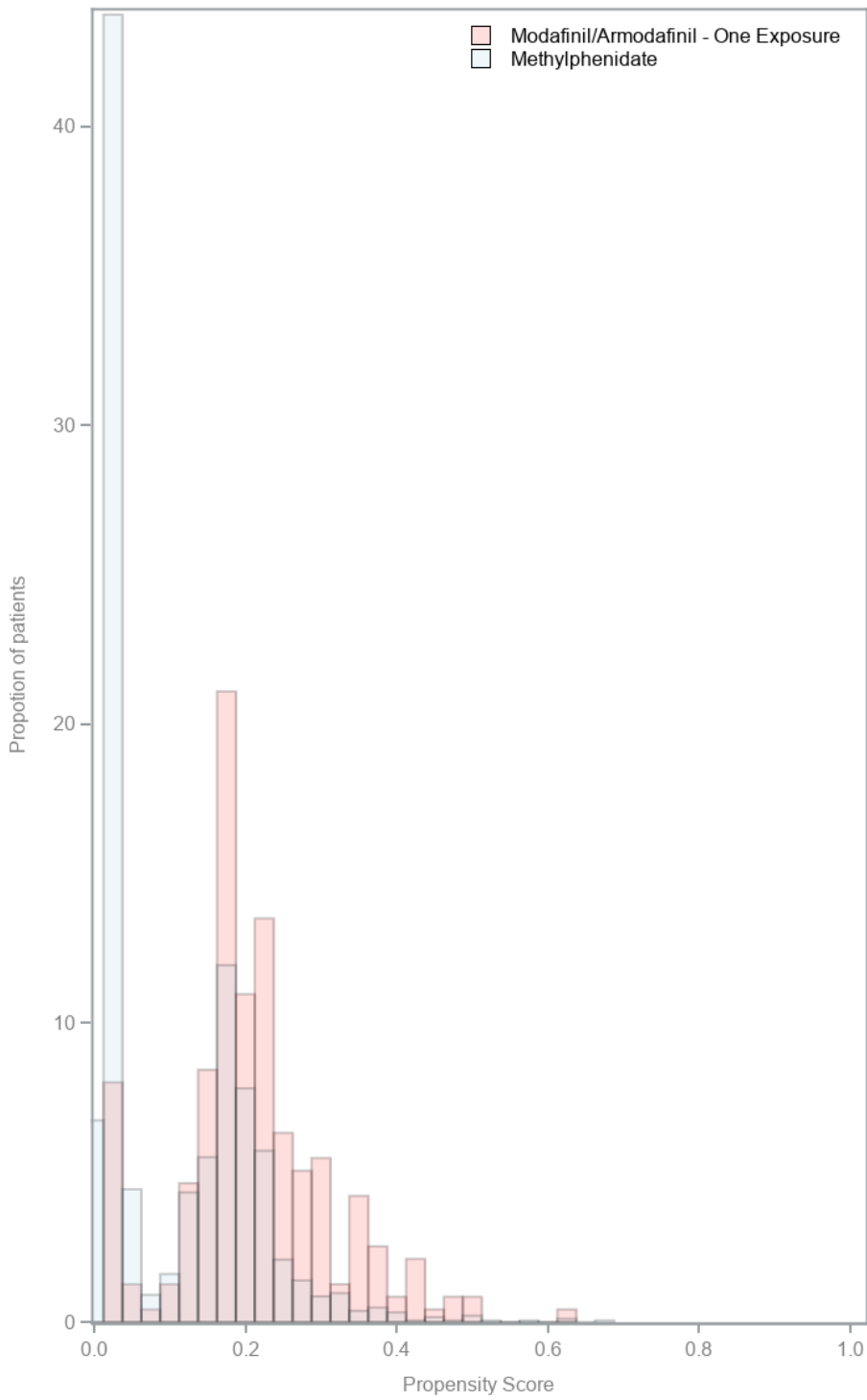


Figure 1o. Distribution of Propensity Scores Before Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort From January 1, 2000 to December 31, 2019, Full Model - Three Data Partners

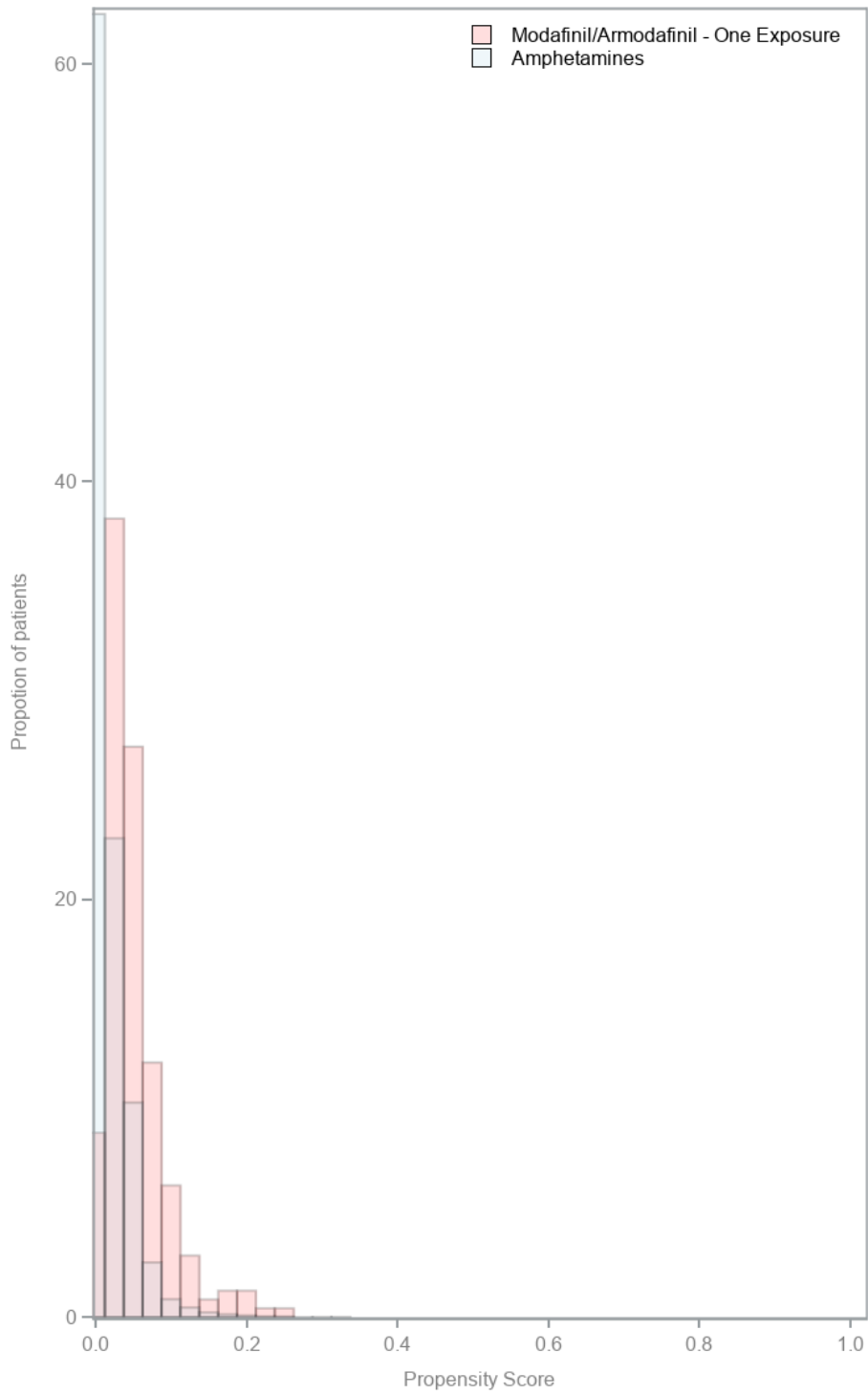


Figure 1p. Distribution of Propensity Scores Before Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

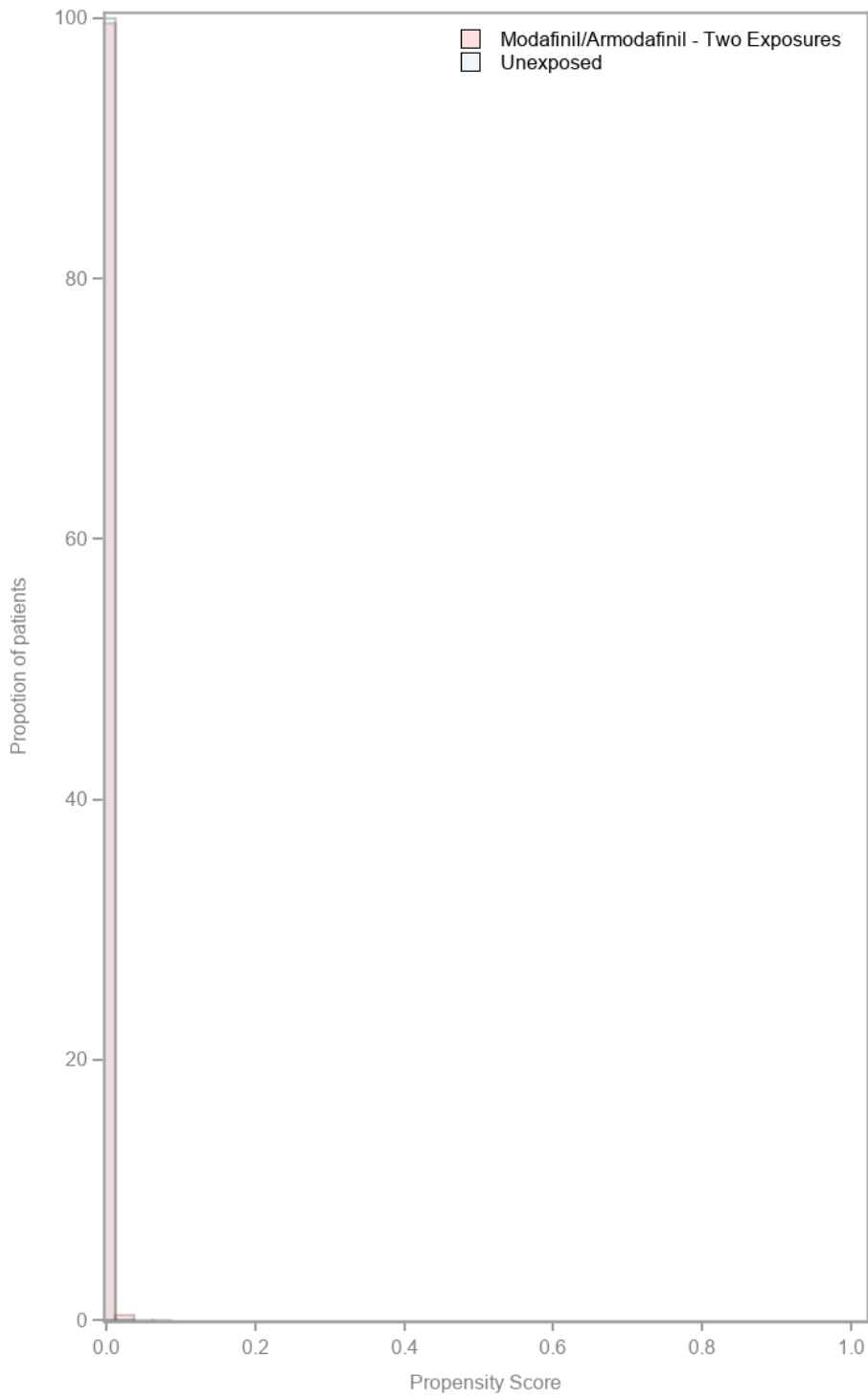


Figure 1q. Distribution of Propensity Scores Before Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

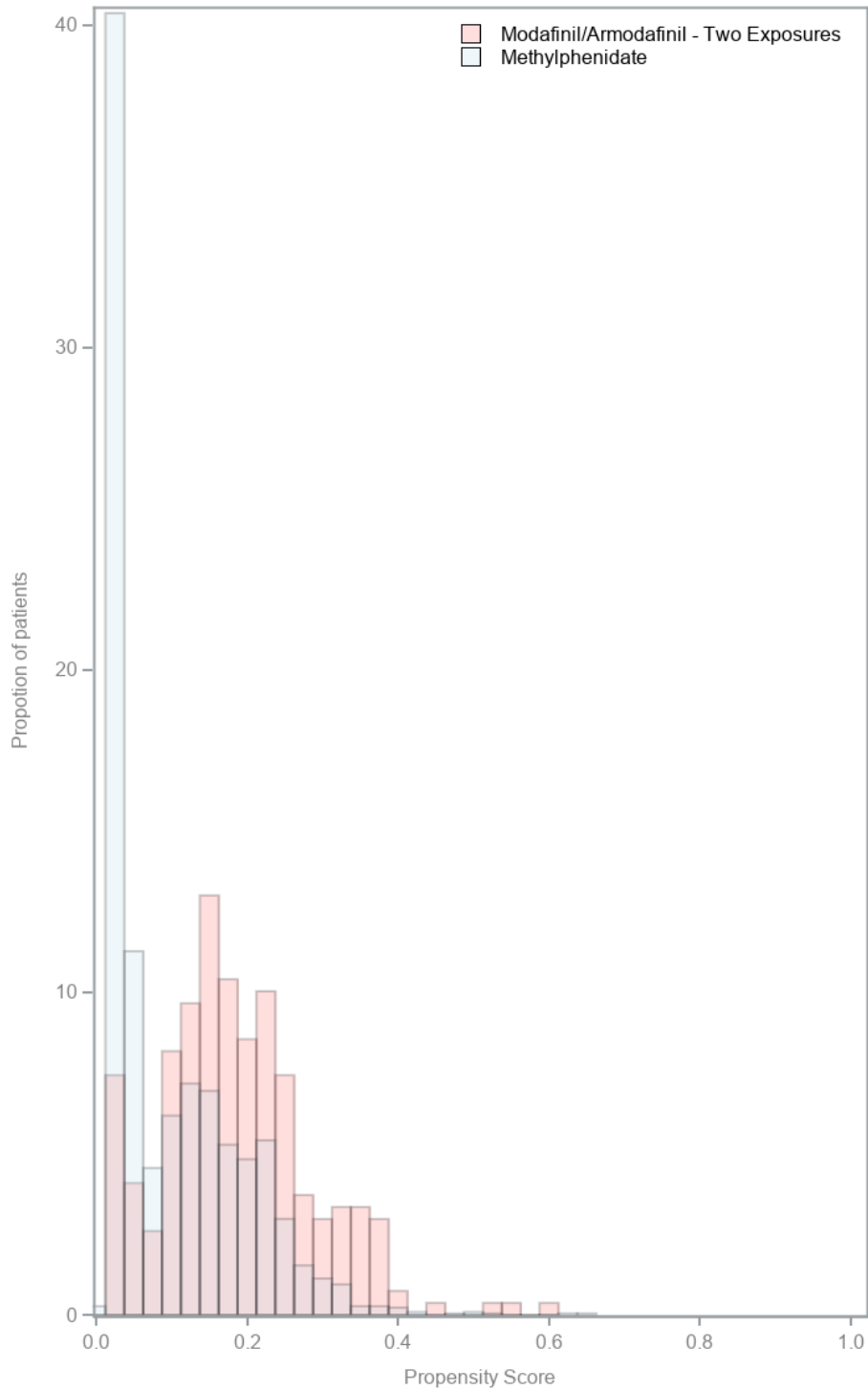


Figure 1r. Distribution of Propensity Scores Before Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

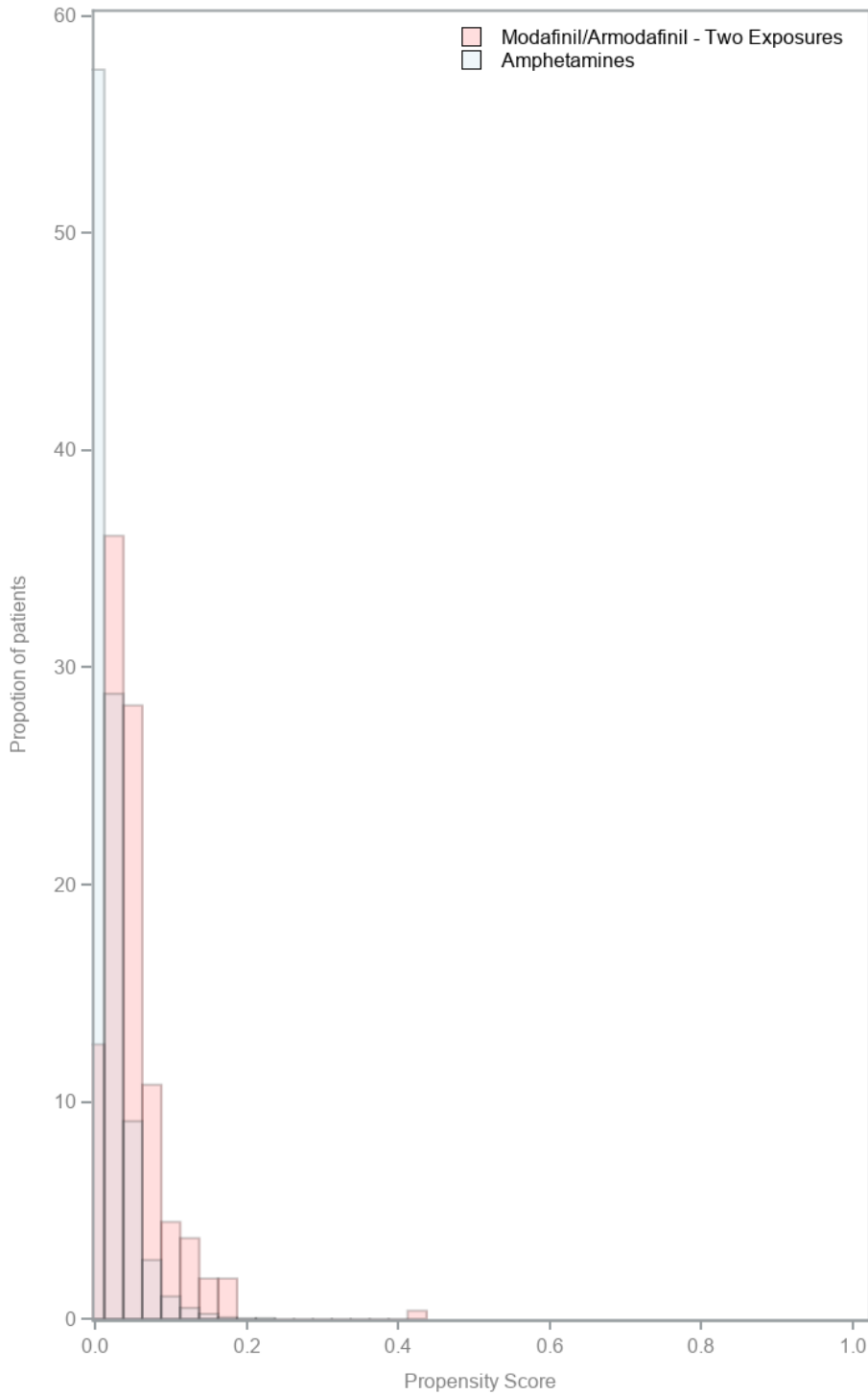


Figure 2a. Distribution of Propensity Scores After Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

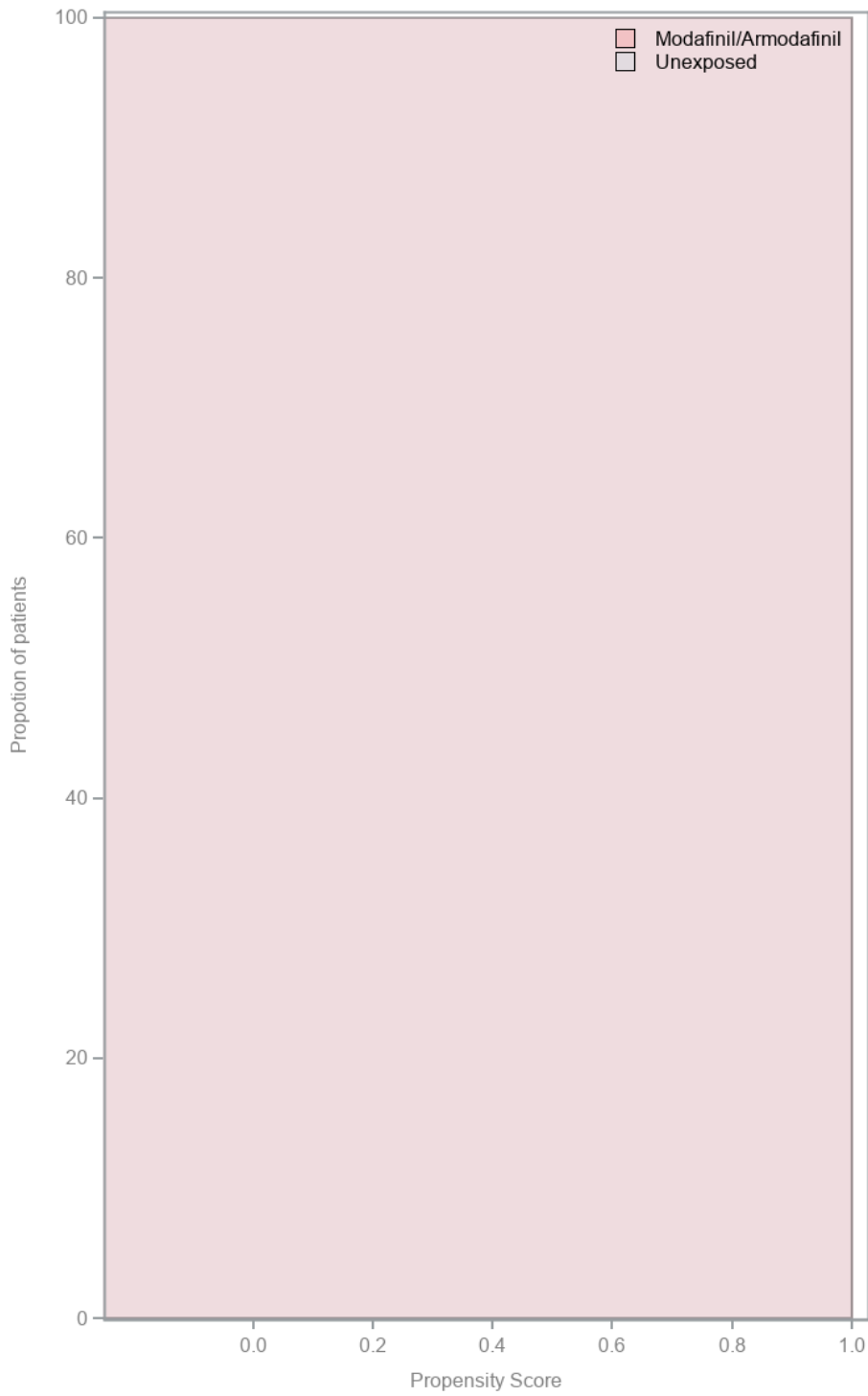


Figure 2b. Distribution of Propensity Scores After Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

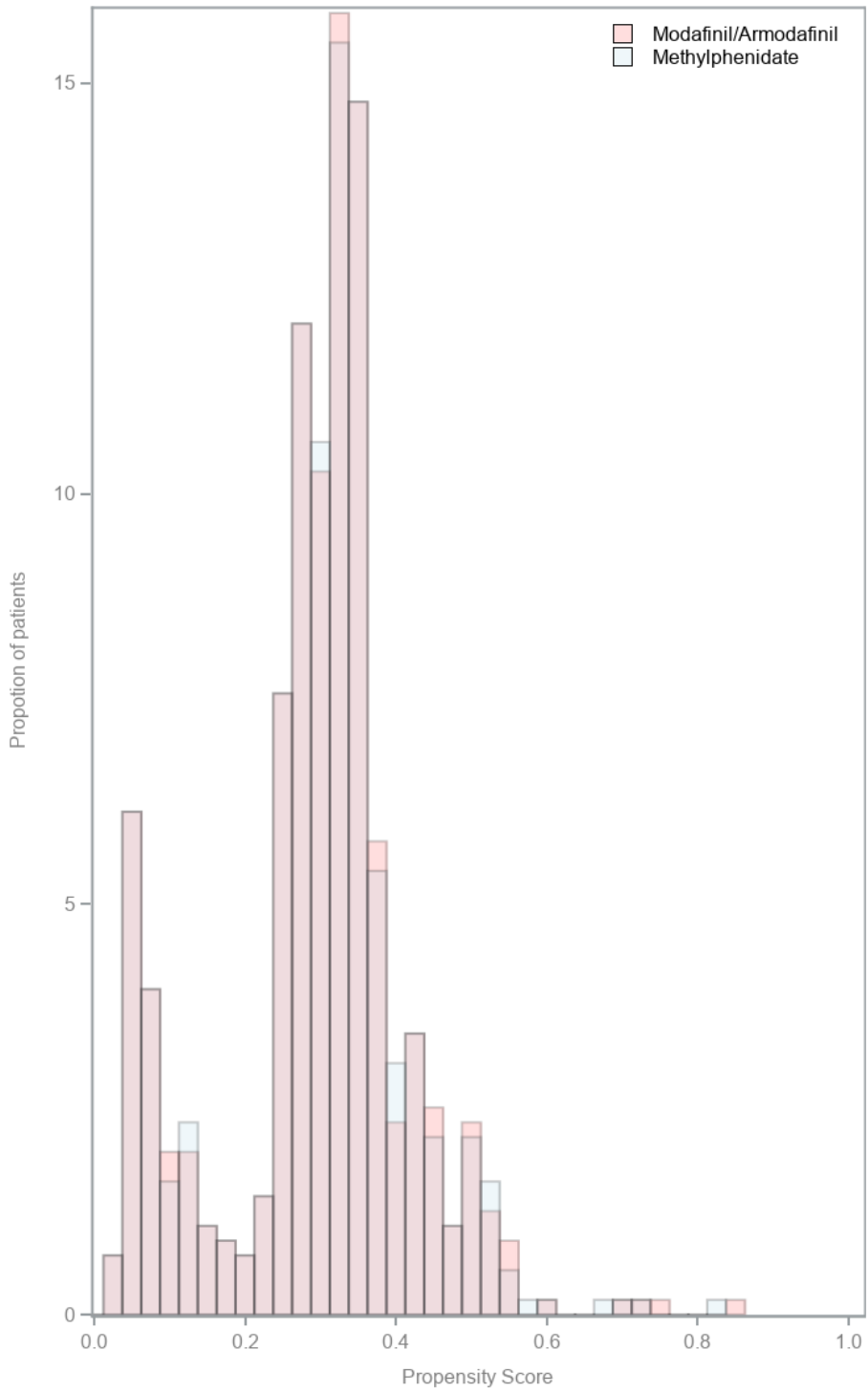


Figure 2c. Distribution of Propensity Scores After Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Six Data Partners

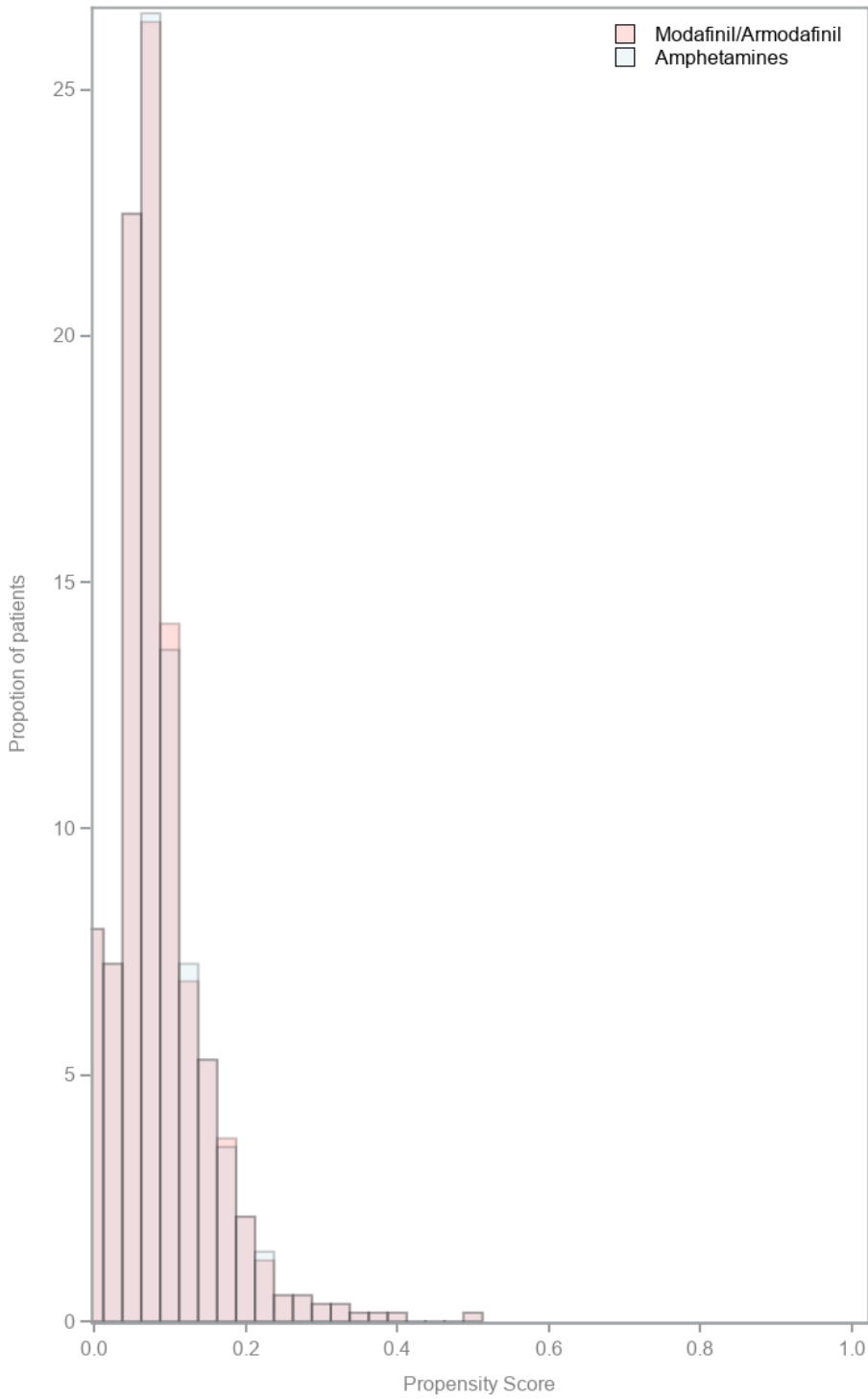


Figure 2d. Distribution of Propensity Scores After Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

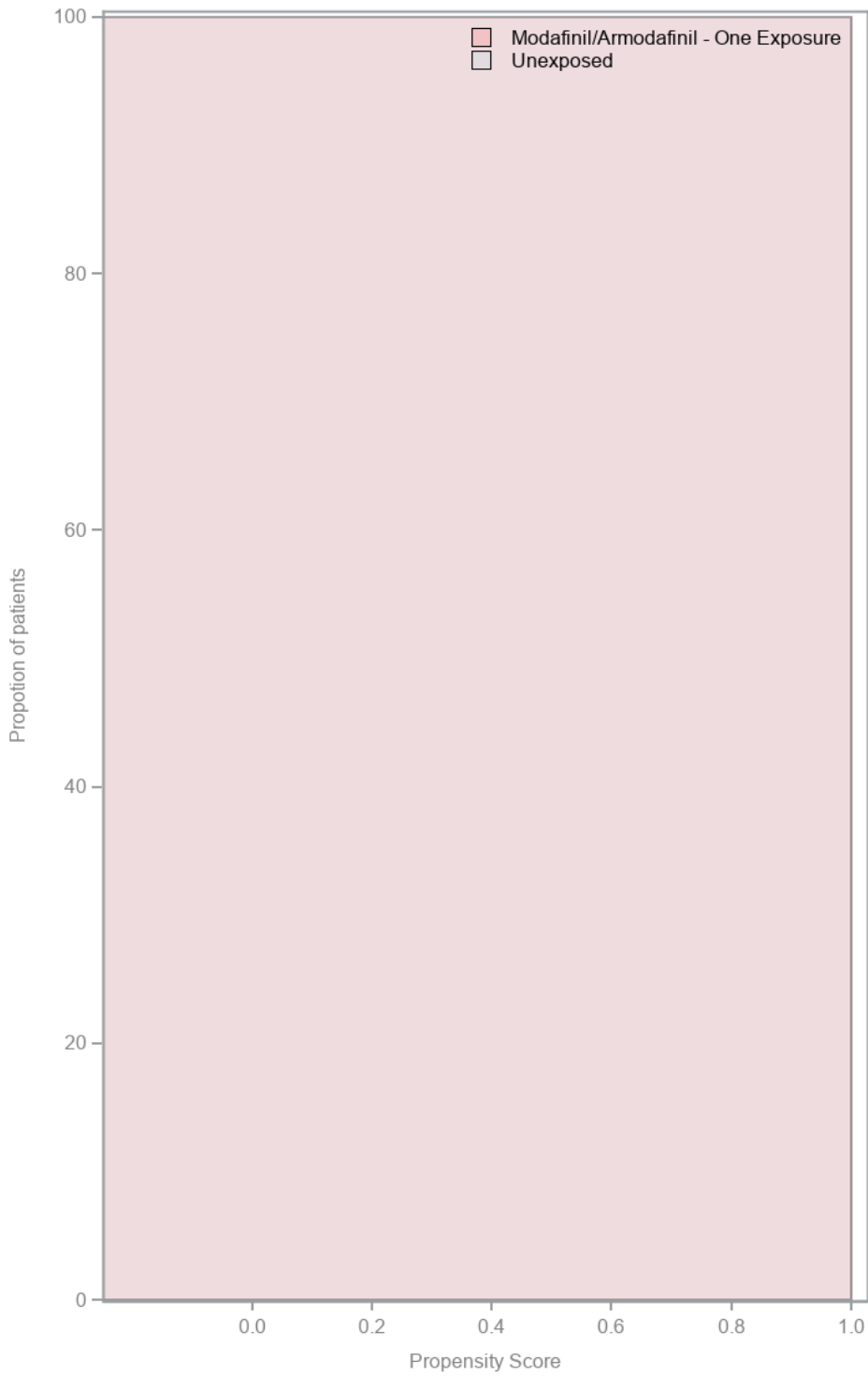


Figure 2e. Distribution of Propensity Scores After Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

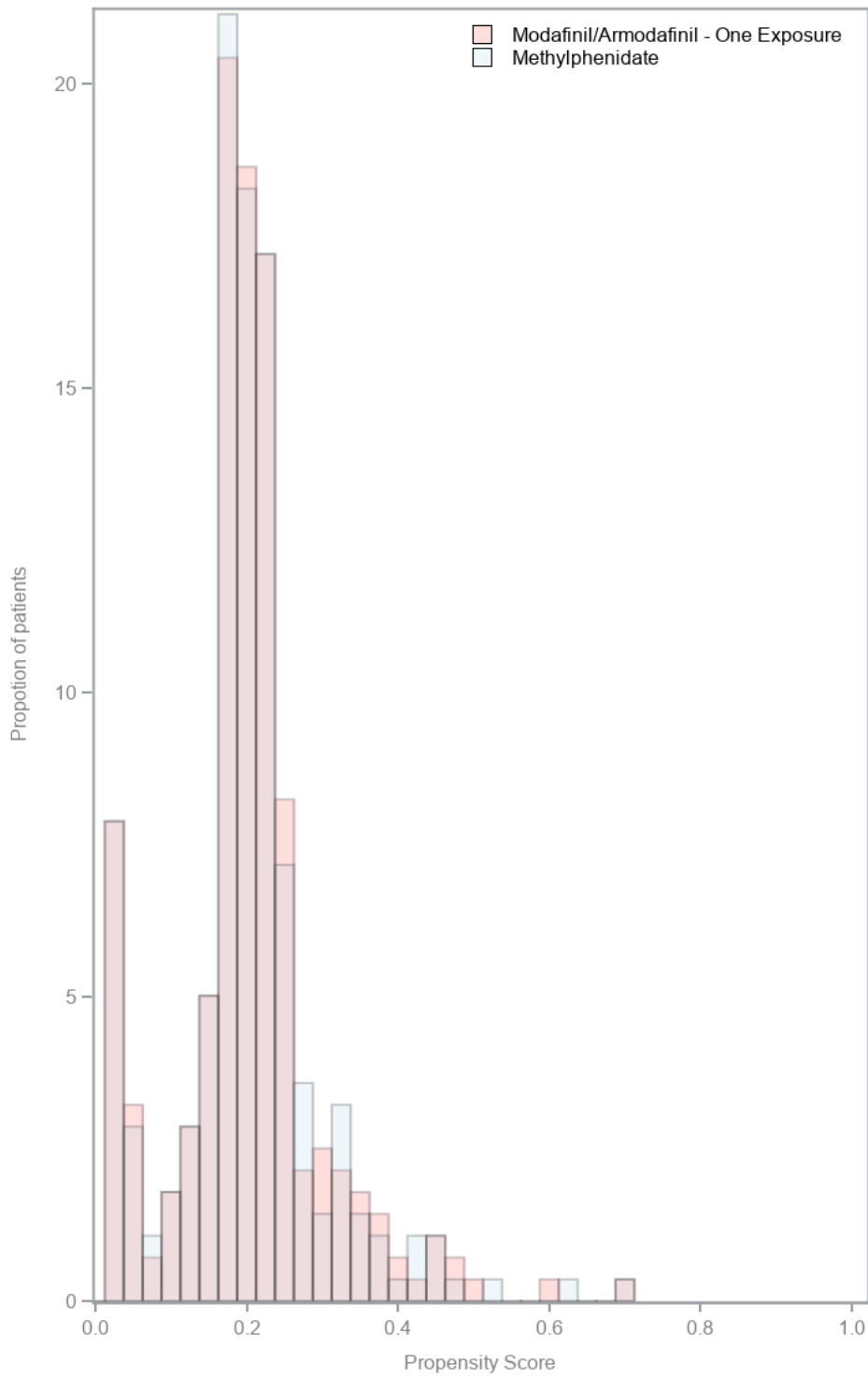


Figure 2f. Distribution of Propensity Scores After Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

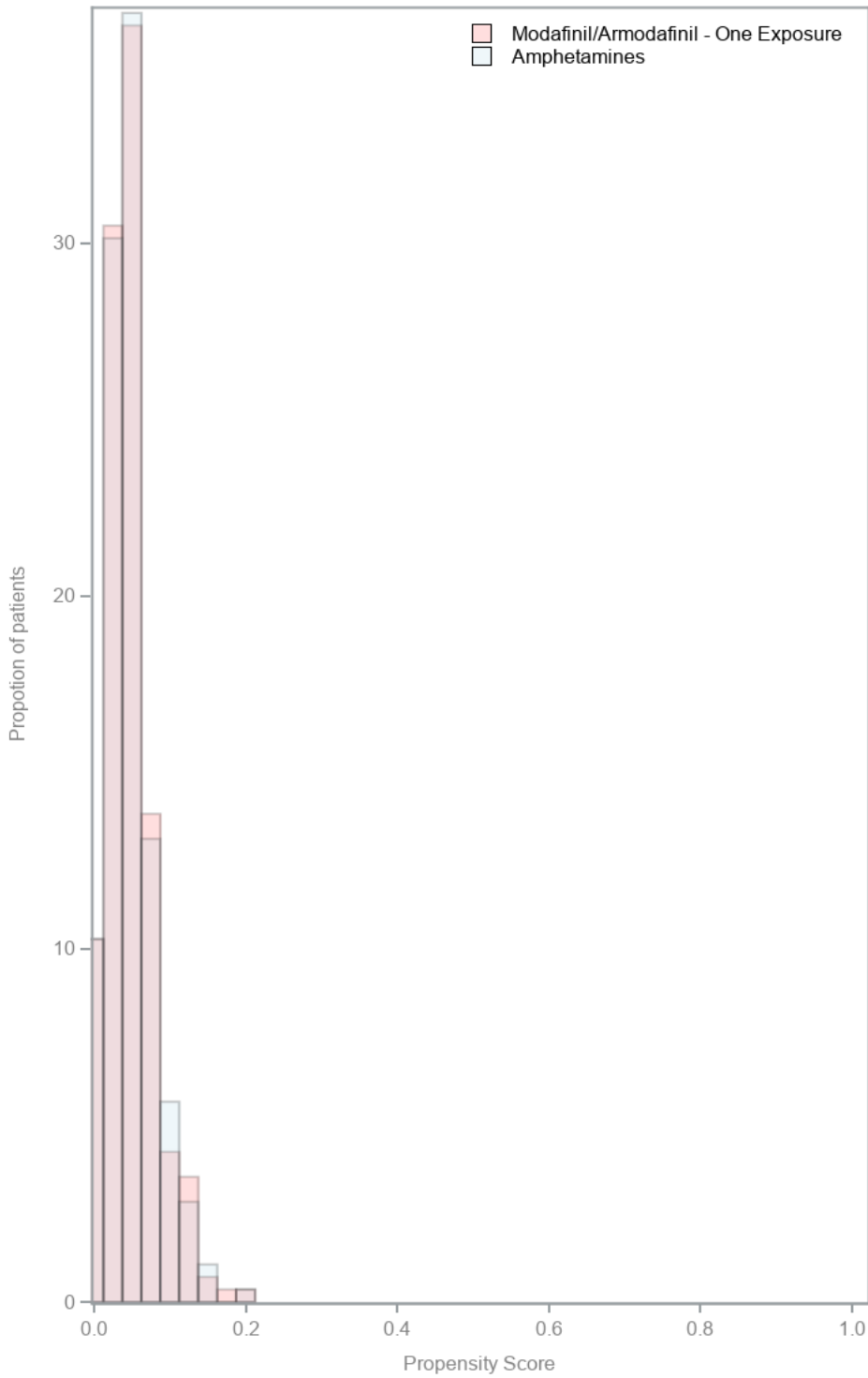


Figure 2g. Distribution of Propensity Scores After Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

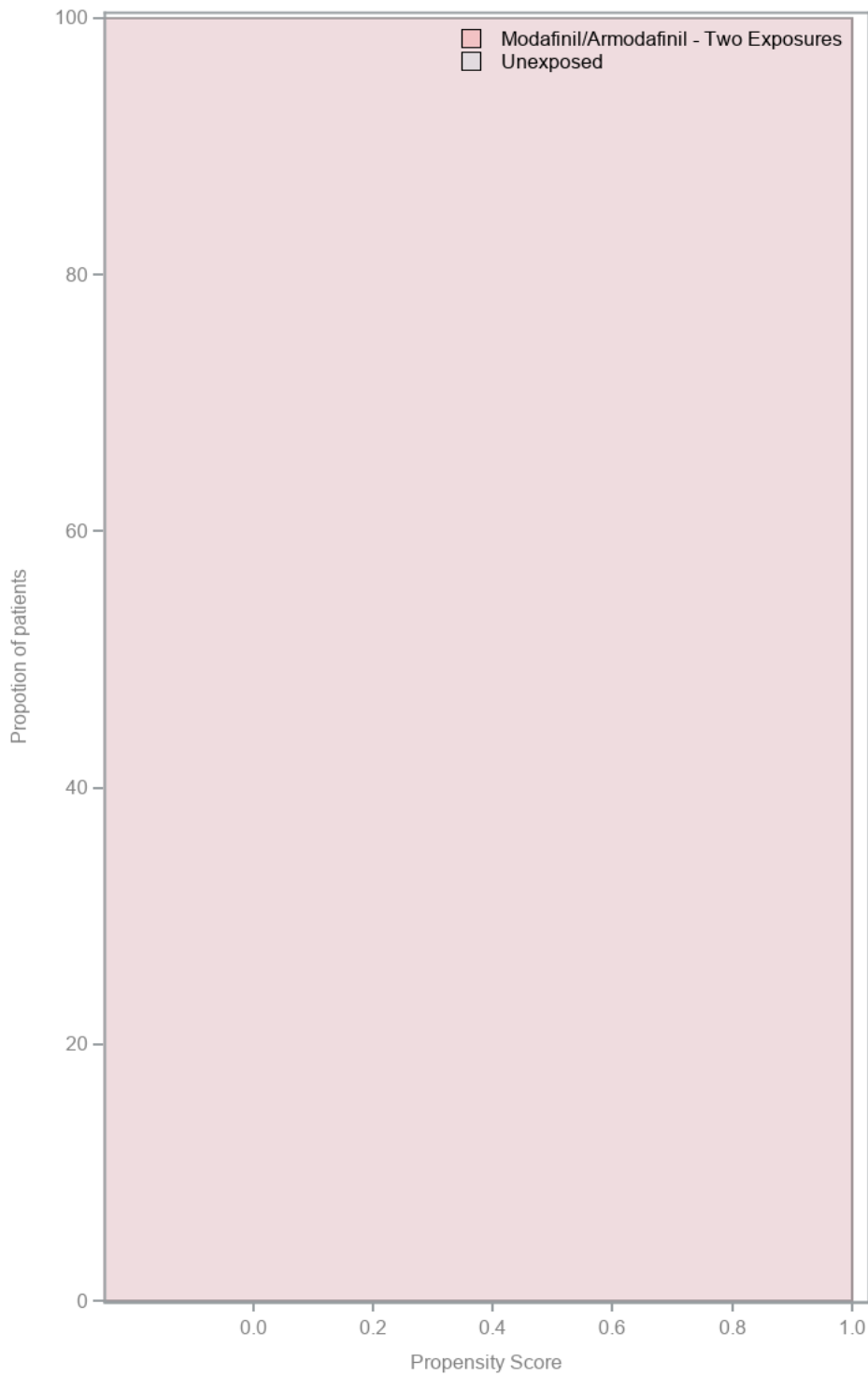


Figure 2h. Distribution of Propensity Scores After Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

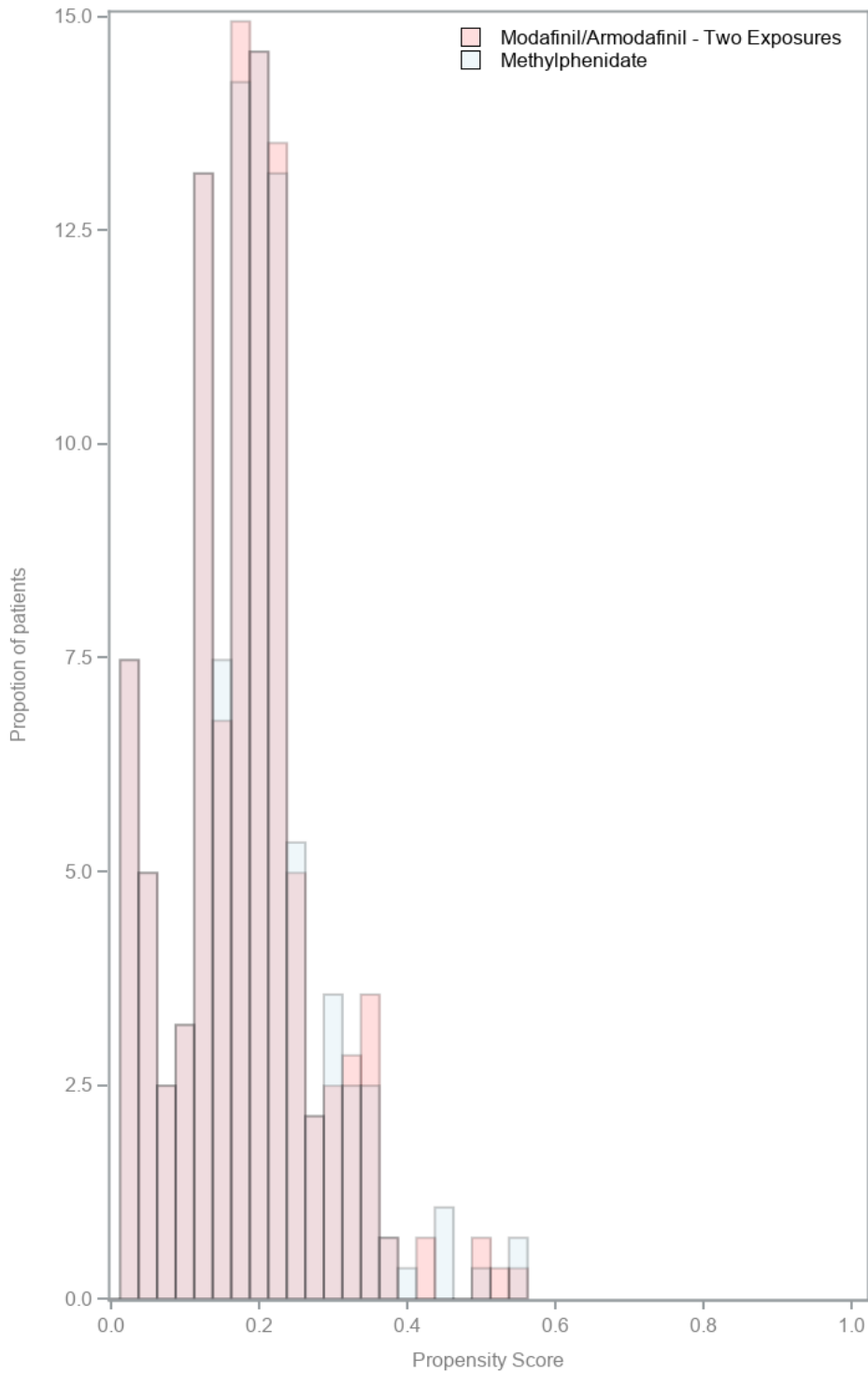


Figure 2i. Distribution of Propensity Scores After Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Minimal Model - Five Data Partners

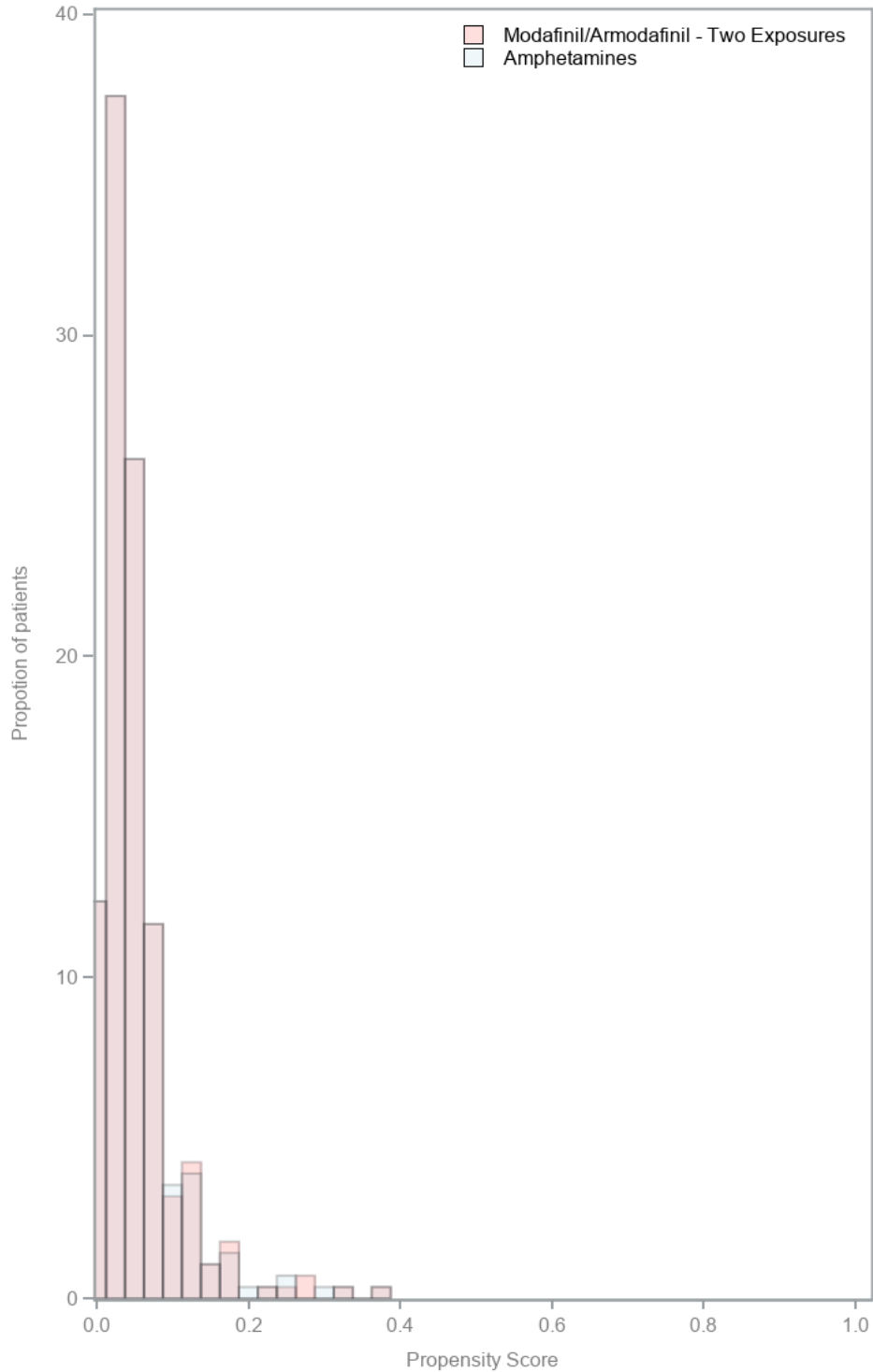


Figure 2j. Distribution of Propensity Scores After Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

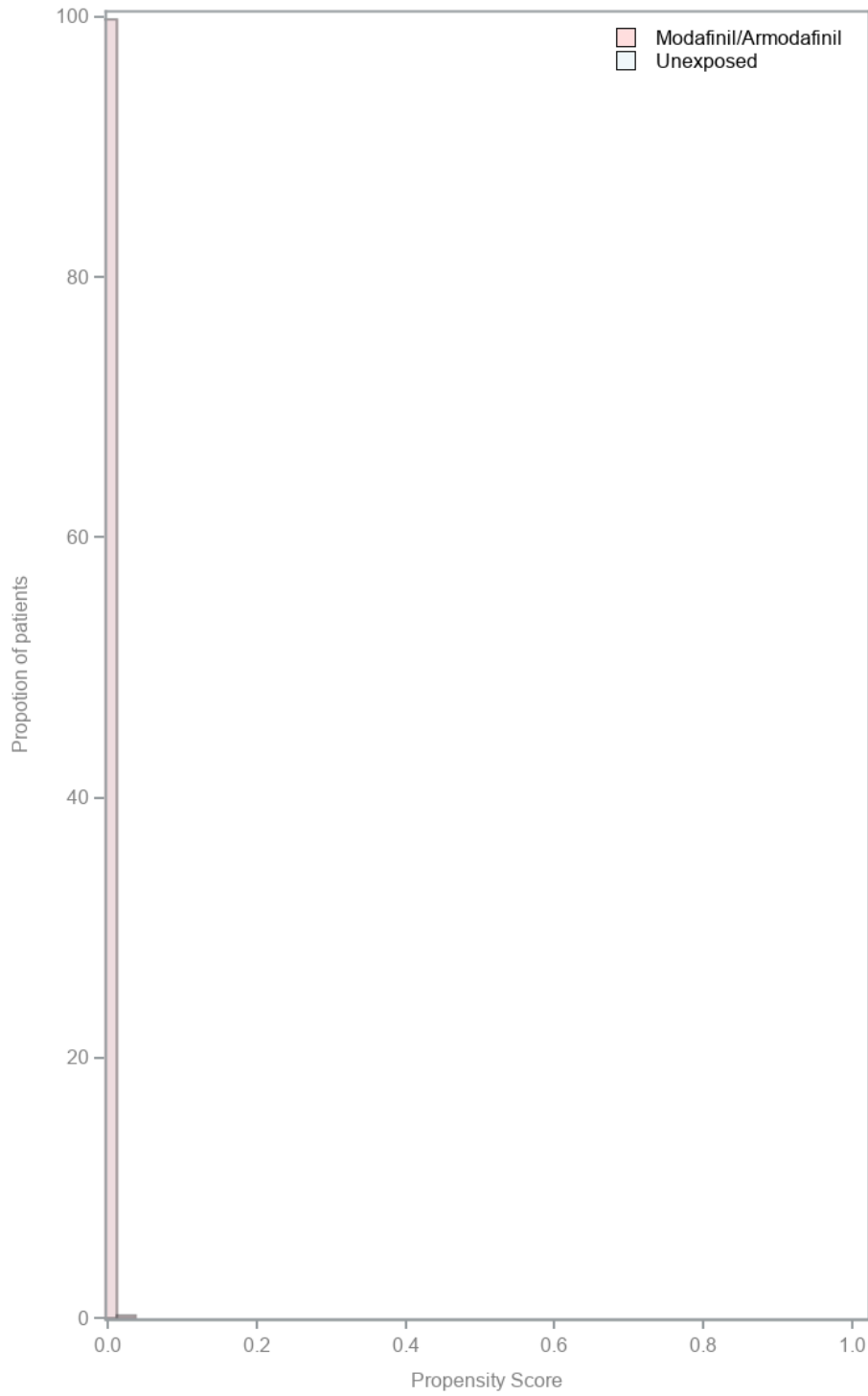


Figure 2k. Distribution of Propensity Scores After Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

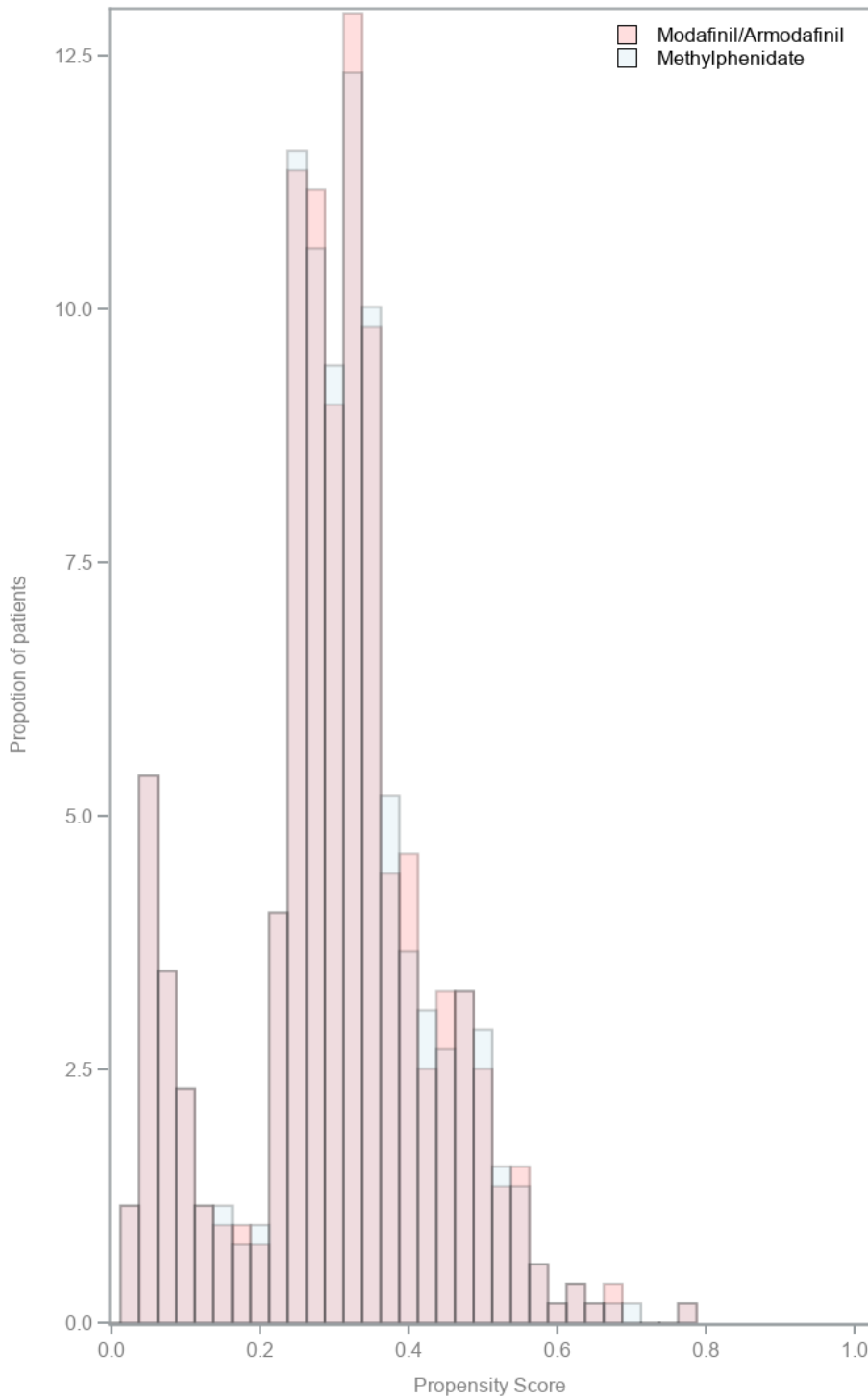


Figure 21. Distribution of Propensity Scores After Matching Any Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

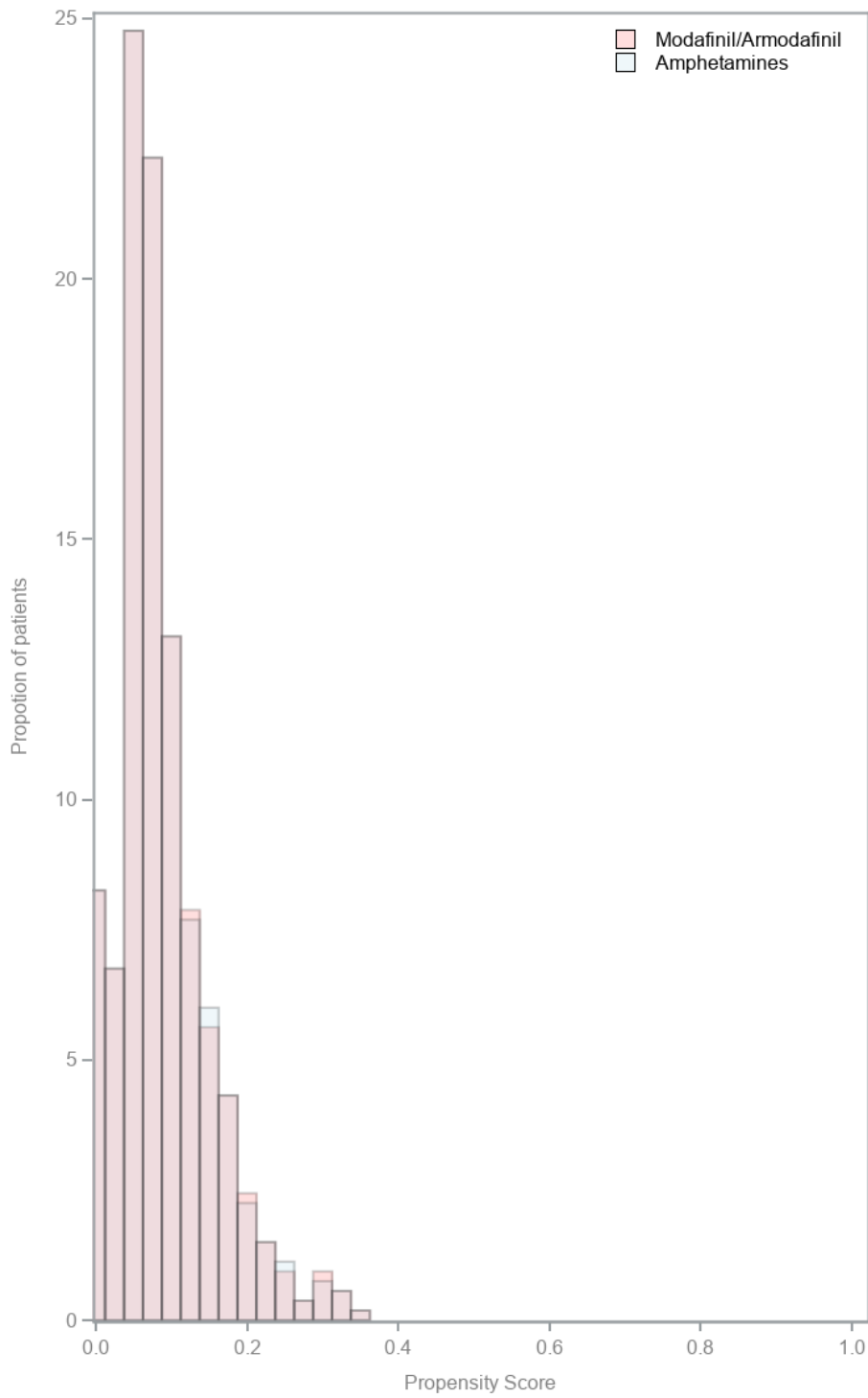


Figure 2m. Distribution of Propensity Scores After Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Unexposed Pregnancy Cohort From January 1, 2000 to December 31, 2019, Full Model - Three Data Partners

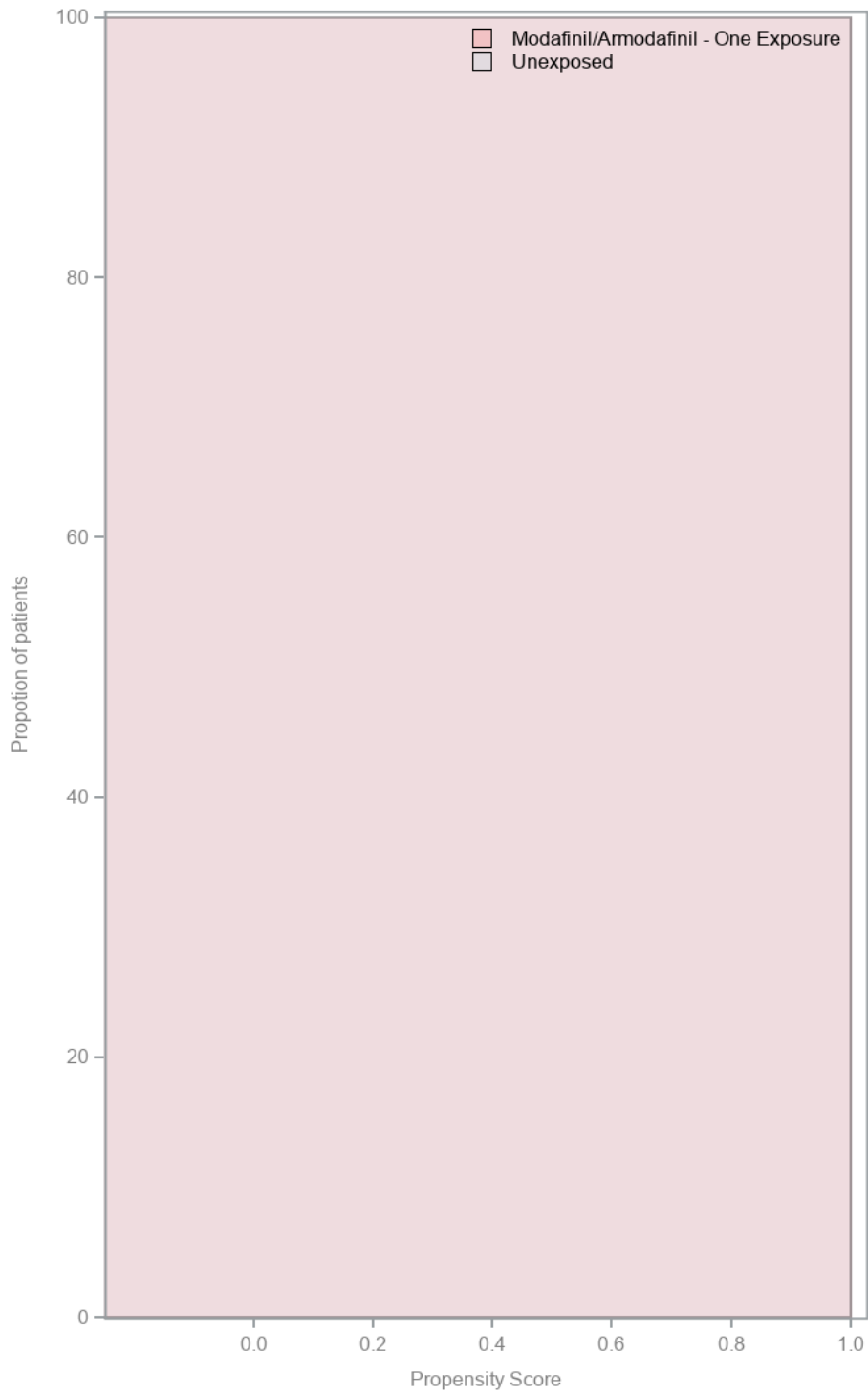


Figure 2n. Distribution of Propensity Scores After Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Methylphenidate Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Three Data Partners

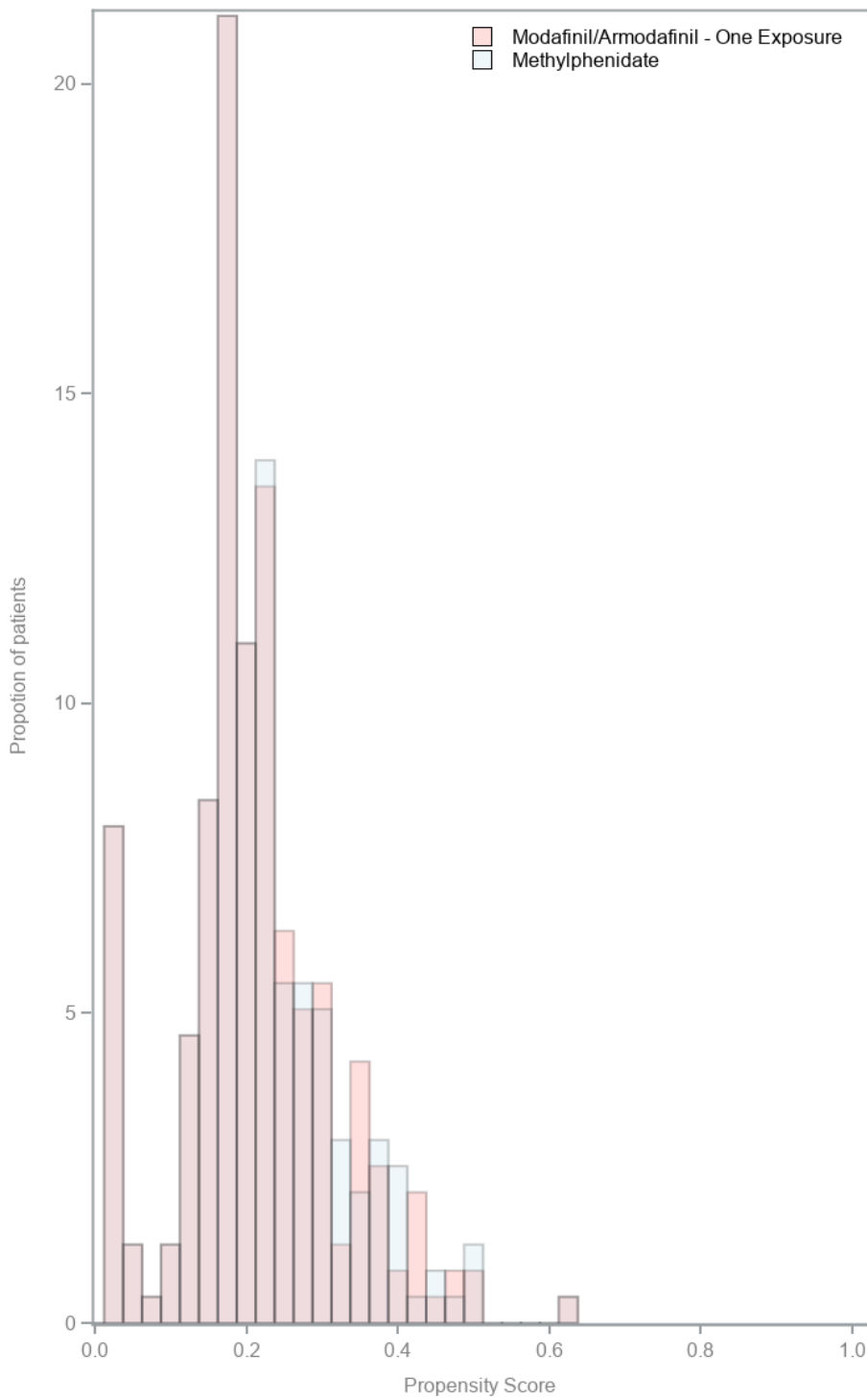


Figure 2o. Distribution of Propensity Scores After Matching One Modafinil/Armodafinil Dispensing Pregnancy Cohort and the Amphetamines Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Three Data Partners

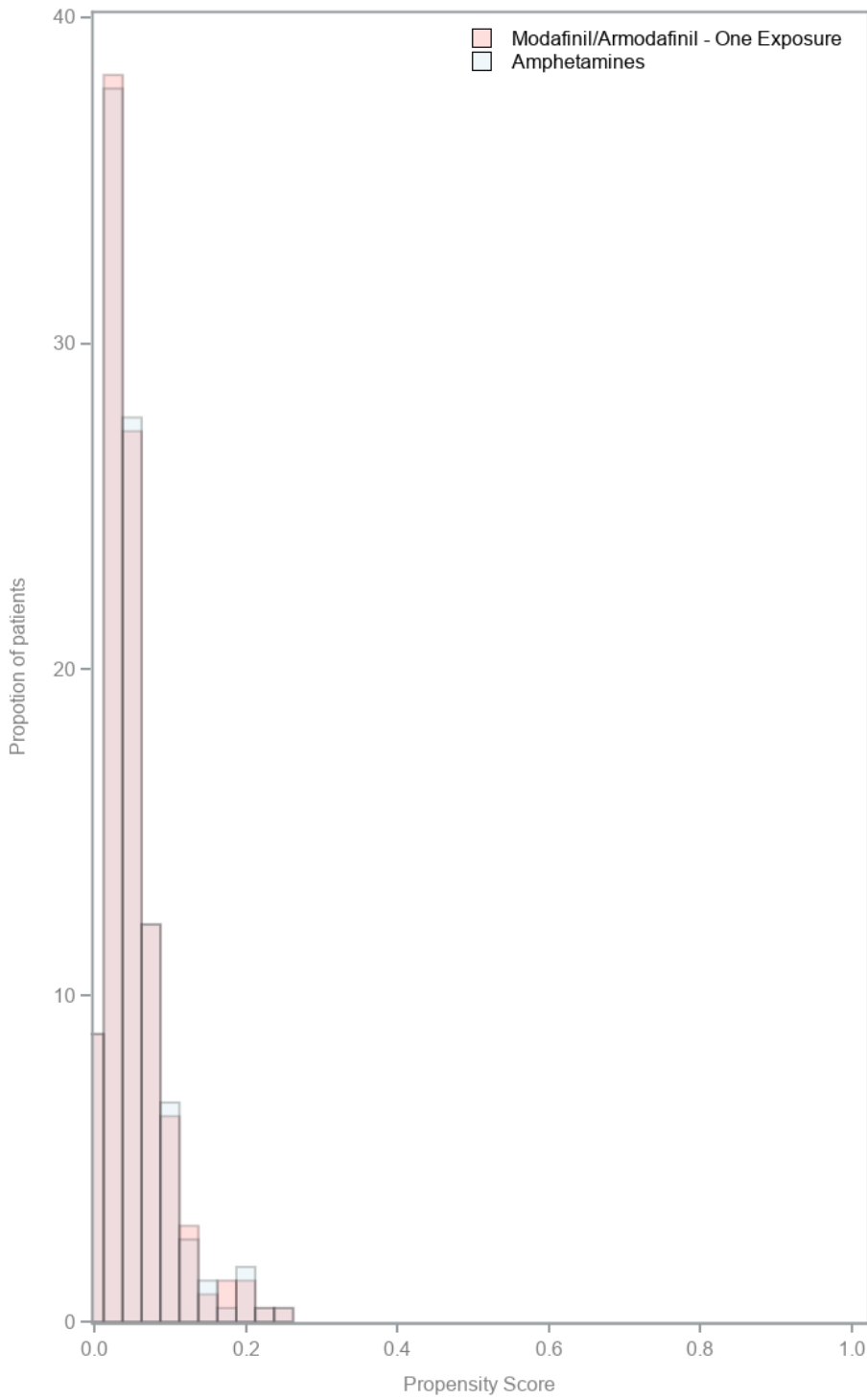


Figure 2p. Distribution of Propensity Scores After Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Unexposed Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

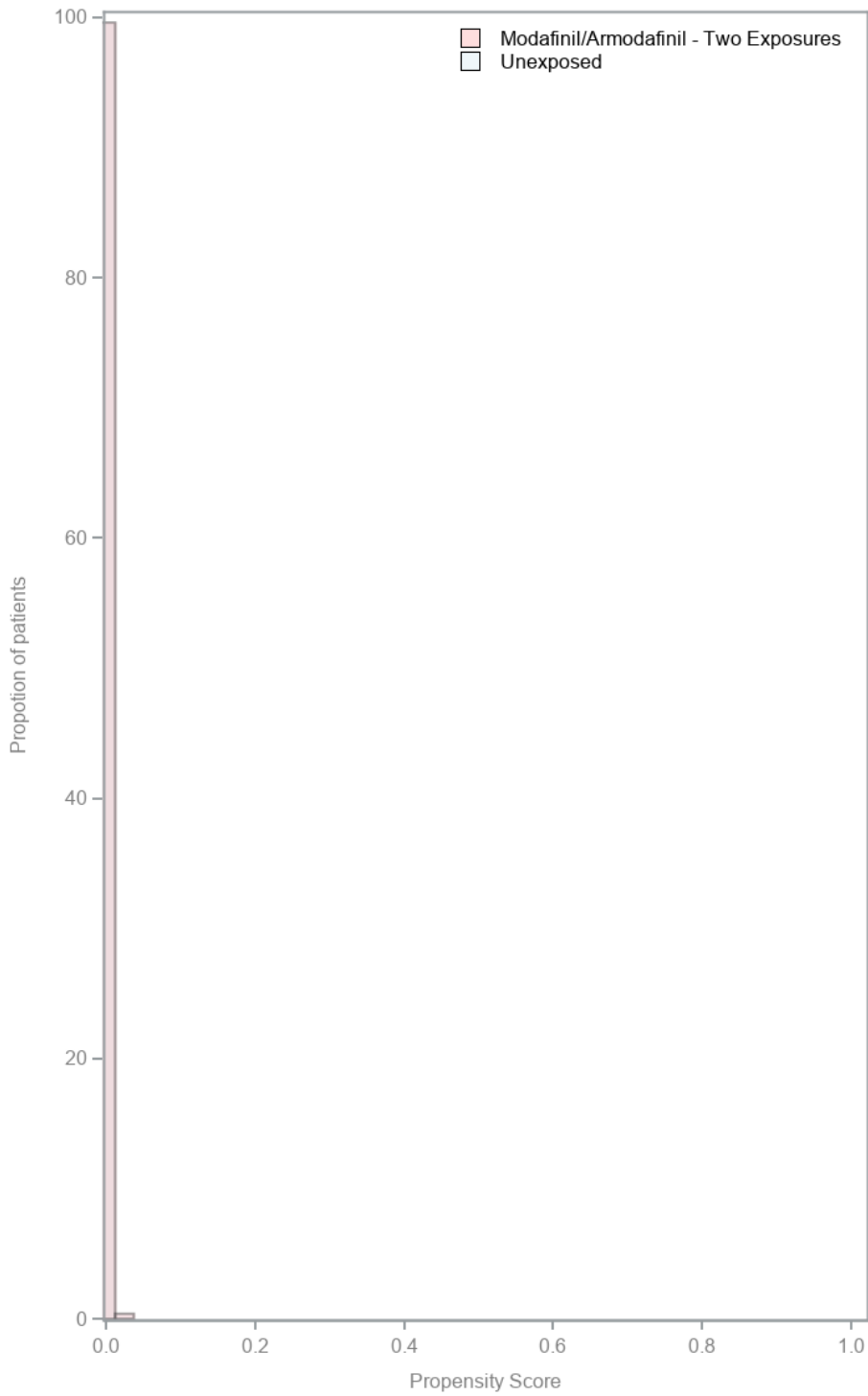


Figure 2q. Distribution of Propensity Scores After Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Methylphenidate Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners

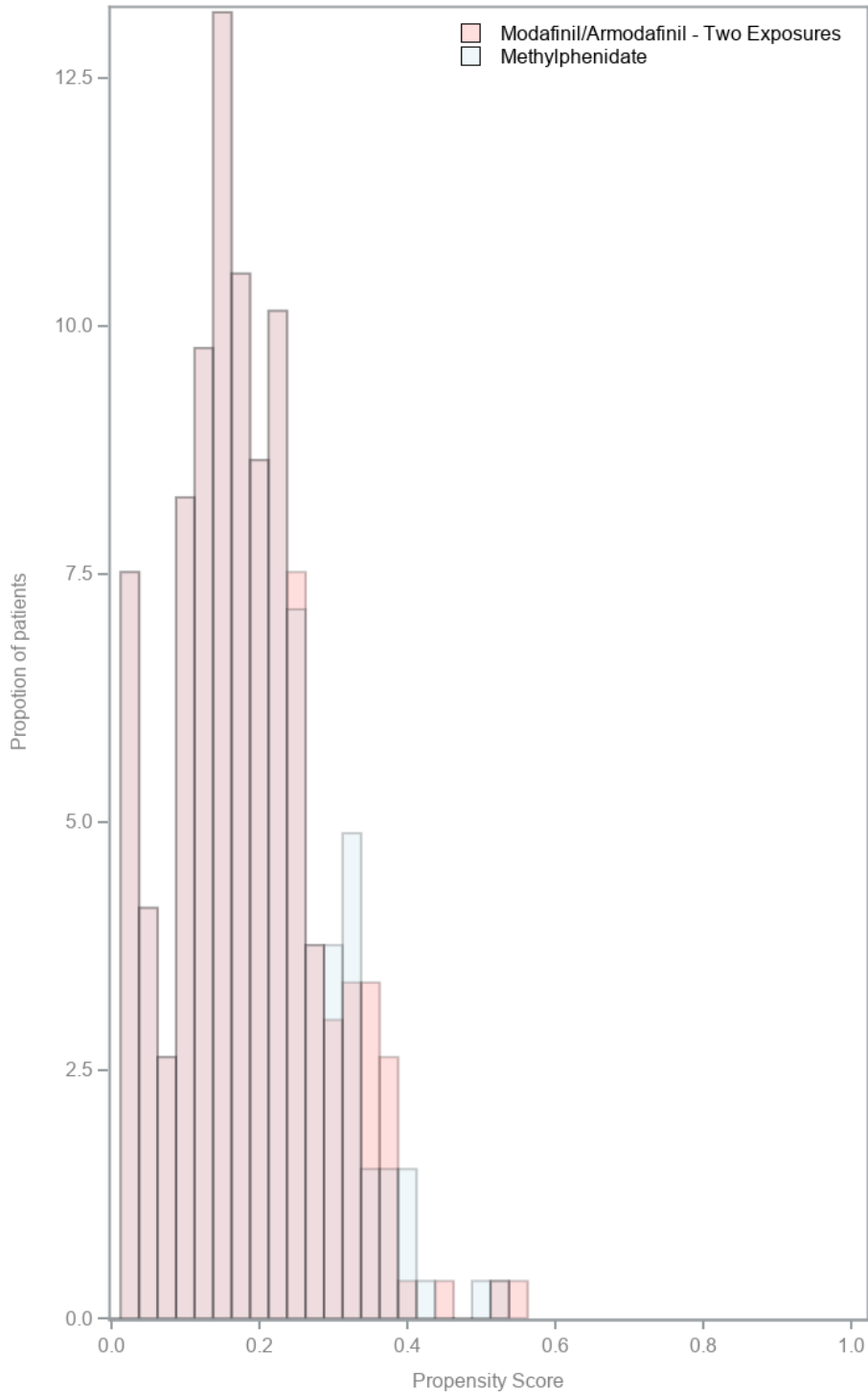
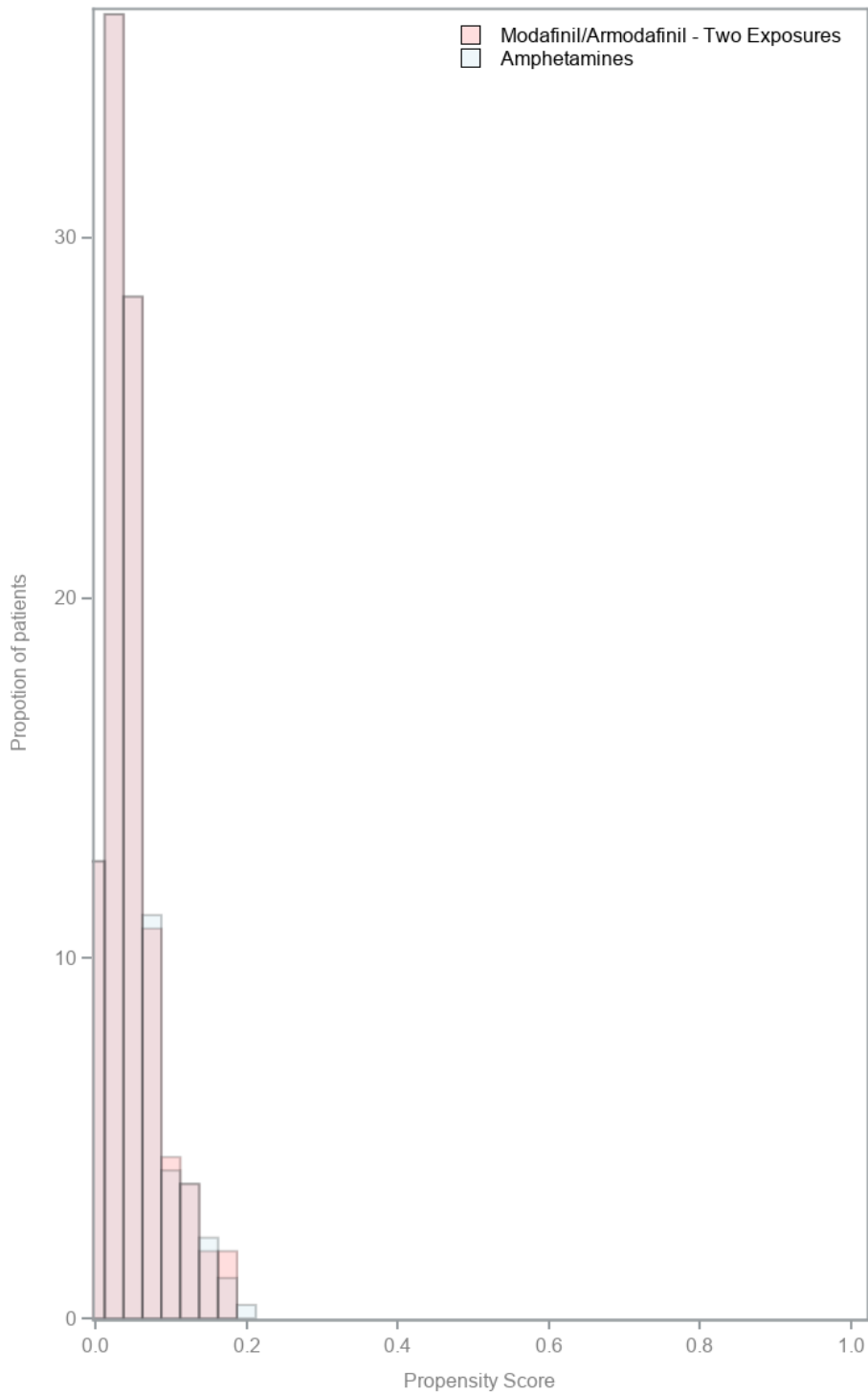


Figure 2r. Distribution of Propensity Scores After Matching Two or More Modafinil/Armodafinil Dispensings Pregnancy Cohort and the Amphetamines Pregnancy Cohort, From January 1, 2000 to December 31, 2019, Full Model - Four Data Partners



Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (June 10, 2020)

DP ID	Start Date¹	End Date¹
DP01	1/1/2008	12/31/2019
DP02	1/1/2006	10/31/2019
DP03	1/1/2000	6/30/2019
DP04	6/1/2007	7/31/2019
DP05	1/1/2008	6/30/2019
DP06	1/1/2000	12/31/2017

¹The start and end dates are based on the minimum and maximum dates within each DP. The month with the maximum date must have at least 80% of the number of records in the previous month.

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

Generic Name	Brand Name
Amphetamines	
dextroamphetamine sulfate	Dexedrine Spansule
dextroamphetamine sulfate	Dexedrine
methamphetamine HCl	methamphetamine
methamphetamine HCl	Desoxyn
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	dextroamphetamine-amphetamine
dextroamphetamine sulfate	dextroamphetamine
Dextroamphetamine Saccharate, Amphetamine Aspartate, Dextroamphetamine Sulfate and Amphetamine Sulfate	
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	Adderall
dextroamphetamine sulfate	ProCentra
dextroamphetamine sulfate	Liquadd
hydroxyamphetamine hbr/tropicamide	Paremyd
amphetamine sulfate	Evekeo
amphetamine sulfate	Evekeo ODT
dextroamphetamine sulfate	Zenedi
amphetamine	Dyanavel XR
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	Adderall XR
hydroxyamphetamine hbr	hydroxyamphetamine (bulk)
dextroamphetamine sulfate	dextroamphetamine (bulk)
amphetamine sulfate	amphetamine sulfate
dextroamphetamine sulfate	DextroStat
dextroamphetamine sulf-saccharate/amphetamine sulf-aspartate	Mydayis
amphetamine	Adzenys ER
amphetamine	Adzenys XR-ODT
Armodafinil	
armodafinil	armodafinil
armodafinil	Nuvigil
Methylphenidate	
methylphenidate HCl	Ritalin LA
dexmethylphenidate HCl	Focalin
dexmethylphenidate HCl	Focalin XR
methylphenidate HCl	Ritalin
methylphenidate HCl	Ritalin SR
methylphenidate HCl	methylphenidate HCl
dexmethylphenidate HCl	dexmethylphenidate
methylphenidate HCl	Methylin
methylphenidate HCl	Methylin ER
methylphenidate HCl	methylphenidate HCl (bulk)
methylphenidate HCl	Concerta
methylphenidate HCl	QuilliChew ER
methylphenidate HCl	Quillivant XR
methylphenidate HCl	Aptensio XR
methylphenidate HCl	Metadate CD
methylphenidate HCl	Metadate ER
methylphenidate	Daytrana

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

Generic Name	Brand Name
methyphenidate HCl	Relexxii
methyphenidate	Cotempla XR-ODT
methyphenidate HCl	Jornay PM
methyphenidate HCl	Adhansia XR
Modafinil	
modafinil	modafinil
modafinil	Provigil

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

Code	Description	Code Type	Code Category
Cardiac Malformations			
Ventricular Septal Defect (VSD)			
745.4	Ventricular septal defect	ICD-9-CM	Diagnosis
I27.83	Eisenmenger's syndrome	ICD-10-CM	Diagnosis
Q21.0	Ventricular septal defect	ICD-10-CM	Diagnosis
Right Ventricular Outflow Tract Obstruction 1 (RVOTO1)			
746.02	Congenital stenosis of pulmonary valve	ICD-9-CM	Diagnosis
747.3	Anomalies of pulmonary artery	ICD-9-CM	Diagnosis
747.31	Pulmonary artery coarctation and atresia	ICD-9-CM	Diagnosis
747.32	Pulmonary arteriovenous malformation	ICD-9-CM	Diagnosis
747.39	Other anomalies of pulmonary artery and pulmonary circulation	ICD-9-CM	Diagnosis
Q22.1	Congenital pulmonary valve stenosis	ICD-10-CM	Diagnosis
Q25.5	Atresia of pulmonary artery	ICD-10-CM	Diagnosis
Q25.6	Stenosis of pulmonary artery	ICD-10-CM	Diagnosis
Q25.7	Congenital Insufficiency of aortic valve	ICD-10-CM	Diagnosis
Q25.71	Coarctation of pulmonary artery	ICD-10-CM	Diagnosis
Q25.72	Congenital pulmonary arteriovenous malformation	ICD-10-CM	Diagnosis
Q25.79	Other congenital malformations of pulmonary artery	ICD-10-CM	Diagnosis
Right Ventricular Outflow Tract Obstruction 2 (RVOTO2)			
746.01	Congenital atresia of pulmonary valve	ICD-9-CM	Diagnosis
746.09	Other congenital anomalies of pulmonary valve	ICD-9-CM	Diagnosis
746.83	Congenital infundibular pulmonic stenosis	ICD-9-CM	Diagnosis
Q22.0	Pulmonary valve atresia	ICD-10-CM	Diagnosis
Q22.2	Congenital pulmonary valve insufficiency	ICD-10-CM	Diagnosis
Q24.3	Pulmonary infundibular stenosis	ICD-10-CM	Diagnosis
Other Cardiac Malformations (OTHER)			
745	Bulbus cordis anomalies and anomalies of cardiac septal closure	ICD-9-CM	Diagnosis
745.0	Bulbus cordis anomalies and anomalies of cardiac septal closure, comm	ICD-9-CM	Diagnosis
745.1	Transposition of great vessels	ICD-9-CM	Diagnosis
745.10	Complete transposition of great vessels	ICD-9-CM	Diagnosis
745.11	Transposition of great vessels, double outlet right ventricle	ICD-9-CM	Diagnosis
745.12	Corrected transposition of great vessels	ICD-9-CM	Diagnosis
745.19	Other transposition of great vessels	ICD-9-CM	Diagnosis
745.2	Tetralogy of Fallot	ICD-9-CM	Diagnosis
745.3	Bulbus cordis anomalies and anomalies of cardiac septal closure, comm	ICD-9-CM	Diagnosis
745.6	Endocardial cushion defects	ICD-9-CM	Diagnosis
745.60	Unspecified type congenital endocardial cushion defect	ICD-9-CM	Diagnosis
745.61	Ostium primum defect	ICD-9-CM	Diagnosis
745.69	Other congenital endocardial cushion defect	ICD-9-CM	Diagnosis
745.7	Cor biloculare	ICD-9-CM	Diagnosis
745.8	Other bulbus cordis anomalies and anomalies of cardiac septal closure	ICD-9-CM	Diagnosis
745.9	Unspecified congenital defect of septal closure	ICD-9-CM	Diagnosis

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

Code	Description	Code Type	Code Category
746	Other congenital anomalies of heart	ICD-9-CM	Diagnosis
746.00	Unspecified congenital pulmonary valve anomaly	ICD-9-CM	Diagnosis
746.1	Congenital tricuspid atresia and stenosis	ICD-9-CM	Diagnosis
746.2	Ebstein's anomaly	ICD-9-CM	Diagnosis
746.3	Congenital stenosis of aortic valve	ICD-9-CM	Diagnosis
746.5	Congenital mitral stenosis	ICD-9-CM	Diagnosis
746.7	Hypoplastic left heart syndrome	ICD-9-CM	Diagnosis
746.8	Other specified congenital anomaly of heart	ICD-9-CM	Diagnosis
746.80			
746.81	Congenital subaortic stenosis	ICD-9-CM	Diagnosis
746.82	Cor triatriatum	ICD-9-CM	Diagnosis
746.84	Congenital obstructive anomalies of heart, not elsewhere classified	ICD-9-CM	Diagnosis
746.85	Congenital coronary artery anomaly	ICD-9-CM	Diagnosis
746.86	Congenital heart block	ICD-9-CM	Diagnosis
746.87	Congenital malposition of heart and cardiac apex	ICD-9-CM	Diagnosis
746.89	Other specified congenital anomaly of heart	ICD-9-CM	Diagnosis
747	Other congenital anomalies of circulatory system	ICD-9-CM	Diagnosis
747.1	Coarctation of aorta	ICD-9-CM	Diagnosis
747.10	Coarctation of aorta (preductal) (postductal)	ICD-9-CM	Diagnosis
747.11	Congenital interruption of aortic arch	ICD-9-CM	Diagnosis
747.2	Other congenital anomaly of aorta	ICD-9-CM	Diagnosis
747.20	Unspecified congenital anomaly of aorta	ICD-9-CM	Diagnosis
747.21	Congenital anomaly of aortic arch	ICD-9-CM	Diagnosis
747.22	Congenital atresia and stenosis of aorta	ICD-9-CM	Diagnosis
747.29	Other congenital anomaly of aorta	ICD-9-CM	Diagnosis
747.4	Congenital anomalies of great veins	ICD-9-CM	Diagnosis
747.40	Congenital anomaly of great veins unspecified	ICD-9-CM	Diagnosis
747.41	Total congenital anomalous pulmonary venous connection	ICD-9-CM	Diagnosis
747.42	Partial congenital anomalous pulmonary venous connection	ICD-9-CM	Diagnosis
747.49	Other congenital anomalies of great veins	ICD-9-CM	Diagnosis
747.6	Other congenital anomaly of peripheral vascular system	ICD-9-CM	Diagnosis
747.60	Congenital anomaly of the peripheral vascular system, unspecified site	ICD-9-CM	Diagnosis
747.61	Congenital gastrointestinal vessel anomaly	ICD-9-CM	Diagnosis
747.62	Congenital renal vessel anomaly	ICD-9-CM	Diagnosis
747.63	Congenital upper limb vessel anomaly	ICD-9-CM	Diagnosis
747.64	Congenital lower limb vessel anomaly	ICD-9-CM	Diagnosis
747.68			
747.8	Other specified congenital anomalies of circulatory system	ICD-9-CM	Diagnosis
747.81	Congenital anomaly of cerebrovascular system	ICD-9-CM	Diagnosis
747.82	Congenital spinal vessel anomaly	ICD-9-CM	Diagnosis
747.83	Persistent fetal circulation	ICD-9-CM	Diagnosis
747.89	Other specified congenital anomaly of circulatory system	ICD-9-CM	Diagnosis

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

Code	Description	Code Type	Code Category
P29.30	Pulmonary hypertension of newborn	ICD-10-CM	Diagnosis
P29.38	Other persistent fetal circulation	ICD-10-CM	Diagnosis
Q20.0	Common arterial trunk	ICD-10-CM	Diagnosis
Q20.1	Double outlet right ventricle	ICD-10-CM	Diagnosis
Q20.2	Double outlet left ventricle	ICD-10-CM	Diagnosis
Q20.3	Discordant ventriculoarterial connection	ICD-10-CM	Diagnosis
Q20.4	Double inlet ventricle	ICD-10-CM	Diagnosis
Q20.5	Discordant atrioventricular connection	ICD-10-CM	Diagnosis
Q20.6	Isomerism of atrial appendages	ICD-10-CM	Diagnosis
Q20.8	Other congenital malformations of cardiac chambers and connections	ICD-10-CM	Diagnosis
Q21.1	Atrial Septal Defect	ICD-10-CM	Diagnosis
Q21.2	Atrioventricular septal defect	ICD-10-CM	Diagnosis
Q21.3	Tetralogy of Fallot	ICD-10-CM	Diagnosis
Q21.4	Aortopulmonary septal defect	ICD-10-CM	Diagnosis
Q21.8	Other congenital malformations of cardiac septa	ICD-10-CM	Diagnosis
Q21.9	Congenital malformation of cardiac septum, unspecified	ICD-10-CM	Diagnosis
Q22.3	Other congenital malformations of pulmonary valve	ICD-10-CM	Diagnosis
Q22.4	Congenital tricuspid stenosis	ICD-10-CM	Diagnosis
Q22.5	Ebstein's anomaly	ICD-10-CM	Diagnosis
Q22.6	Hypoplastic right heart syndrome	ICD-10-CM	Diagnosis
Q22.8	Other congenital malformations of tricuspid valve	ICD-10-CM	Diagnosis
Q22.9	Congenital malformation of tricuspid valve, unspecified	ICD-10-CM	Diagnosis
Q23.0	Congenital stenosis of aortic valve	ICD-10-CM	Diagnosis
Q23.1	Atresia of aorta	ICD-10-CM	Diagnosis
Q23.2	Congenital mitral stenosis	ICD-10-CM	Diagnosis
Q23.4	Hypoplastic left heart syndrome	ICD-10-CM	Diagnosis
Q23.8	Other congenital malformations of aortic and mitral valves	ICD-10-CM	Diagnosis
Q23.9	Congenital malformation of aortic and mitral valves, unspecified	ICD-10-CM	Diagnosis
Q24.0	Dextrocardia	ICD-10-CM	Diagnosis
Q24.1	Levocardia	ICD-10-CM	Diagnosis
Q24.2	Cor triatriatum	ICD-10-CM	Diagnosis
Q24.4	Congenital subaortic stenosis	ICD-10-CM	Diagnosis
Q24.5	Malformation of coronary vessels	ICD-10-CM	Diagnosis
Q24.6	Congenital heart block	ICD-10-CM	Diagnosis
Q24.8	Other specified congenital malformations of heart	ICD-10-CM	Diagnosis
Q25.1	Coarctation of aorta	ICD-10-CM	Diagnosis
Q25.2	Other congenital malformations of pulmonary artery	ICD-10-CM	Diagnosis
Q25.21	Interruption of aortic arch	ICD-10-CM	Diagnosis
Q25.29	Other atresia of aorta	ICD-10-CM	Diagnosis
Q25.3	Supravalvular aortic stenosis	ICD-10-CM	Diagnosis
Q25.40	Congenital malformation of aorta unspecified	ICD-10-CM	Diagnosis
Q25.41	Absence and aplasia of aorta	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
Q25.42	Hypoplasia of aorta	ICD-10-CM	Diagnosis
Q25.43	Congenital aneurysm of aorta	ICD-10-CM	Diagnosis
Q25.44	Congenital dilation of aorta	ICD-10-CM	Diagnosis
Q25.45	Double aortic arch	ICD-10-CM	Diagnosis
Q25.46	Tortuous aortic arch	ICD-10-CM	Diagnosis
Q25.47	Right aortic arch	ICD-10-CM	Diagnosis
Q25.48	Anomalous origin of subclavian artery	ICD-10-CM	Diagnosis
Q25.49	Other congenital malformations of aorta	ICD-10-CM	Diagnosis
Q25.8	Other congenital malformations of other great arteries	ICD-10-CM	Diagnosis
Q25.9	Congenital malformation of great arteries, unspecified	ICD-10-CM	Diagnosis
Q26.0	Congenital stenosis of vena cava	ICD-10-CM	Diagnosis
Q26.1	Persistent left superior vena cava	ICD-10-CM	Diagnosis
Q26.2	Total anomalous pulmonary venous connection	ICD-10-CM	Diagnosis
Q26.3	Partial anomalous pulmonary venous connection	ICD-10-CM	Diagnosis
Q26.4	Anomalous pulmonary venous connection, unspecified	ICD-10-CM	Diagnosis
Q26.5	Anomalous portal venous connection	ICD-10-CM	Diagnosis
Q26.6	Portal vein-hepatic artery fistula	ICD-10-CM	Diagnosis
Q26.8	Other congenital malformations of great veins	ICD-10-CM	Diagnosis
Q26.9	Congenital malformation of great vein, unspecified	ICD-10-CM	Diagnosis
Q27.1	Congenital renal artery stenosis	ICD-10-CM	Diagnosis
Q27.2	Other congenital malformations of renal artery	ICD-10-CM	Diagnosis
Q27.30	Arteriovenous malformation, site unspecified	ICD-10-CM	Diagnosis
Q27.31	Arteriovenous malformation of vessel of upper limb	ICD-10-CM	Diagnosis
Q27.32	Arteriovenous malformation of vessel of lower limb	ICD-10-CM	Diagnosis
Q27.33	Arteriovenous malformation of digestive system vessel	ICD-10-CM	Diagnosis
Q27.34	Arteriovenous malformation of renal vessel	ICD-10-CM	Diagnosis
Q27.4	Congenital phlebectasia	ICD-10-CM	Diagnosis
Q27.9	Congenital malformation of peripheral vascular system, unspecified	ICD-10-CM	Diagnosis
Q28.0	Arteriovenous malformation of precerebral vessels	ICD-10-CM	Diagnosis
Q28.1	Other malformations of precerebral vessels	ICD-10-CM	Diagnosis
Q28.2	Arteriovenous malformation of cerebral vessels	ICD-10-CM	Diagnosis
Q28.3	Other malformations of cerebral vessels	ICD-10-CM	Diagnosis
Q28.8	Other specified congenital malformations of circulatory system	ICD-10-CM	Diagnosis

Appendix D. Generic and Brand Names of Medical Products Used to Define Exclusions in this Request

Generic Name	Brand Name
Antineoplastic Agents	
abarelix	Plenaxis
abemaciclib	Verzenio
abiraterone acetate	abiraterone
abiraterone acetate	Zytiga
abiraterone acetate, submicronized	Yonsa
acalabrutinib	Calquence
ado-trastuzumab emtansine	Kadcyla
afatinib dimaleate	Gilotrif
aldesleukin	Proleukin
alectinib HCl	Alecensa
alemtuzumab	Campath
alpelisib	Piqray
altretamine	Hexalen
aminoglutethimide	Cytadren
anastrozole	anastrozole
anastrozole	Arimidex
anastrozole	Arimidex 30-day Pack
anastrozole	anastrozole (bulk)
apalutamide	Erleada
arsenic trioxide	arsenic trioxide
arsenic trioxide	Trisenox
asparaginase	Elspar
asparaginase (Erwinia chrysanthemi)	Erwinaze
atezolizumab	Tecentriq
avapritinib	Ayvakit
avelumab	Bavencio
axicabtagene ciloleucel	Yescarta
axitinib	Inlyta
azacitidine	azacitidine
azacitidine	Vidaza
BCG live	Tice BCG
BCG live	Theracys
belinostat	Beleodaq
bendamustine HCl	bendamustine
bendamustine HCl	Belrapzo
bendamustine HCl	Bendeka
bendamustine HCl	Treanda
bevacizumab	Avastin
bevacizumab-awwb	Mvasi
bevacizumab-bvzr	Zirabev
bexarotene	Targetrin
bexarotene	bexarotene
bicalutamide	bicalutamide
bicalutamide	Casodex
binimetinib	Mektovi

Appendix D. Generic and Brand Names of Medical Products Used to Define Exclusions in this Request

Generic Name	Brand Name
bleomycin sulfate	bleomycin
bleomycin sulfate	Blenoxane
bleomycin sulfate	Bleo 15K
blinatumomab	Blincyto
bortezomib	bortezomib
bortezomib	Velcade
bosutinib	Bosulif
brentuximab vedotin	Adcetris
brigatinib	Alunbrig
busulfan	Myleran
busulfan	busulfan
busulfan	Busulfex
cabazitaxel	Jevtana
cabozantinib s-malate	Cometriq
cabozantinib s-malate	Cabometyx
calaspargase pegol-mknl	Asparlas
capecitabine	Xeloda
capecitabine	capecitabine
carboplatin	Paraplatin
carboplatin	carboplatin
carfilzomib	Kyprolis
carmustine	BiCNU
carmustine	carmustine
carmustine in polifeprosan 20	Gliadel Wafer
cemiplimab-rwlc	Libtayo
ceritinib	Zykadia
cetuximab	Erbitux
chlorambucil	Leukeran
chlorambucil	chlorambucil (bulk)
cisplatin	Platinol AQ
cisplatin	cisplatin
cisplatin	cisplatin (bulk)
cladribine	cladribine
cladribine	Leustatin
clofarabine	Clolar
clofarabine	clofarabine
cobimetinib fumarate	Cotellic
copanlisib di-HCl	Aliqopa
crizotinib	Xalkori
cromolyn sodium	Gastrocrom
cromolyn sodium	cromolyn
cromolyn sodium	cromolyn (bulk)
cyclophosphamide	Neosar
cyclophosphamide	Cytoxan
cyclophosphamide	Cytoxan Lyophilized
cyclophosphamide	cyclophosphamide

Appendix D. Generic and Brand Names of Medical Products Used to Define Exclusions in this Request

Generic Name	Brand Name
cyclophosphamide	cyclophosphamide (bulk)
cytarabine	Cytosar-U
cytarabine	Tarabine Pfs
cytarabine	cytarabine
cytarabine liposome/PF	DepoCyt (PF)
cytarabine/PF	cytarabine (PF)
dabrafenib mesylate	Tafinlar
dacarbazine	DTIC-Dome
dacarbazine	dacarbazine
dacarbazine	dacarbazine (bulk)
dacomitinib	Vizimpro
dactinomycin	Cosmegen
dactinomycin	dactinomycin
daratumumab	Darzalex
darolutamide	Nubeqa
dasatinib	Sprycel
daunorubicin citrate liposomal	DaunoXome
daunorubicin HCl	daunorubicin
daunorubicin HCl	Cerubidine
daunorubicin/cytarabine liposomal	Vyxeos
decitabine	decitabine
decitabine	Dacogen
degarelix acetate	Firmagon
degarelix acetate	Firmagon kit w diluent syringe
denileukin diftitox	Ontak
diethylstilbestrol	diethylstilbestrol (bulk)
dinutuximab	Unituxin
docetaxel	docetaxel
docetaxel	Taxotere
docetaxel	Docefrez
doxorubicin HCl	Adriamycin RDF
doxorubicin HCl	Adriamycin PFS
doxorubicin HCl	Rubex
doxorubicin HCl	doxorubicin
doxorubicin HCl	Adriamycin
doxorubicin HCl pegylated liposomal	Doxil
doxorubicin HCl pegylated liposomal	doxorubicin, peg-liposomal
doxorubicin HCl pegylated liposomal	Lipodox
doxorubicin HCl pegylated liposomal	Lipodox 50
durvalumab	Imfinzi
duvelisib	Copiktra
elotuzumab	Empliciti
enasidenib mesylate	Idhifa
encorafenib	Braftovi
enfortumab vedotin-ejfv	Padcev
entrectinib	Rozlytrek

Appendix D. Generic and Brand Names of Medical Products Used to Define Exclusions in this Request

Generic Name	Brand Name
enzalutamide	Xtandi
epirubicin HCl	Ellence
epirubicin HCl	epirubicin
erdafitinib	Balversa
eribulin mesylate	Halaven
erlotinib HCl	erlotinib
erlotinib HCl	Tarceva
estramustine phosphate sodium	Emcyt
etoposide	Toposar
etoposide	VePesid
etoposide	etoposide
etoposide	etoposide (bulk)
etoposide phosphate	Etopophos
everolimus	Afinitor
everolimus	Afinitor Disperz
everolimus	everolimus (antineoplastic)
exemestane	Aromasin
exemestane	exemestane
fam-trastuzumab deruxtecan-nxki	Enhertu
fedratinib dihydrochloride	Inrebic
floxuridine	FUDR
floxuridine	floxuridine
floxuridine	floxuridine (bulk)
fludarabine phosphate	Oforta
fludarabine phosphate	fludarabine
fludarabine phosphate	Fludara
fluorouracil	fluorouracil
fluorouracil	Adrucil
fluorouracil	fluorouracil (bulk)
flutamide	Eulexin
flutamide	flutamide
fulvestrant	Faslodex
fulvestrant	fulvestrant
gefitinib	Iressa
gemcitabine HCl	Gemzar
gemcitabine HCl	gemcitabine
gemcitabine HCl in 0.9 % sodium chloride	Infugem
gemtuzumab ozogamicin	Mylotarg
gilteritinib fumarate	Xospata
glasdegib maleate	Daurismo
goserelin acetate	Zoladex
histrelin acetate	Vantas
hydroxyurea	Hydrea
hydroxyurea	hydroxyurea
hydroxyurea	hydroxyurea (bulk)
hydroxyurea	Mylocel

Appendix D. Generic and Brand Names of Medical Products Used to Define Exclusions in this Request

Generic Name	Brand Name
ibrutinib	Imbruvica
idarubicin HCl	Idamycin PFS
idarubicin HCl	Idamycin
idarubicin HCl	idarubicin
idelalisib	Zydelig
ifosfamide	Ifex
ifosfamide	ifosfamide
ifosfamide/mesna	Ifex/Mesnex
ifosfamide/mesna	ifosfamide-mesna
imatinib mesylate	imatinib
imatinib mesylate	Gleevec
inotuzumab ozogamicin	Besponsa
interferon alfa-2a,recomb.	Roferon-A
interferon alfa-2b,recomb.	Intron A
iobenguane iodine-131	Azedra Dosimetric
iobenguane iodine-131	Azedra Therapeutic
ipilimumab	Yervoy
irinotecan HCl	Camptosar
irinotecan HCl	irinotecan
irinotecan liposomal	Onivyde
ivosidenib	Tibsovo
ixabepilone	Ixempra
ixazomib citrate	Ninlaro
kit for prep indium-111/ibritumomab tiuxetan/albumin human	Zevalin (In-111)
kit for prep yttrium-90/ibritumomab tiuxetan/albumin human	Zevalin (Y-90)
lapatinib ditosylate	Tykerb
larotrectinib sulfate	Vitrakvi
lenalidomide	Revlimid
lenvatinib mesylate	Lenvima
letrozole	letrozole
letrozole	Femara
letrozole	letrozole (bulk)
leuprolide acetate	Eligard (3 month)
leuprolide acetate	Eligard
leuprolide acetate	Eligard (6 month)
leuprolide acetate	Eligard (4 month)
leuprolide acetate	Lupron Depot (3 month)
leuprolide acetate	Lupron Depot (6 Month)
leuprolide acetate	Lupron Depot
leuprolide acetate	Lupron Depot (4 month)
leuprolide acetate	leuprolide
leuprolide acetate	Lupron
leuprolide acetate	leuprolide (bulk)
leuprolide acetate/lidocaine HCl	Viadur

Appendix D. Generic and Brand Names of Medical Products Used to Define Exclusions in this Request

Generic Name	Brand Name
levamisole HCl	Ergamisol
lomustine	CeeNU
lomustine	lomustine
lomustine	Gleostine
lorlatinib	Lorbrena
lutetium Lu 177 dotatate	Lutathera
mechlorethamine HCl	Mustargen
mechlorethamine HCl	mechlorethamine (bulk)
medroxyprogesterone acetate	Depo-Provera
megestrol acetate	Megace
megestrol acetate	megestrol
megestrol acetate,micronized	megestrol acetate,micro (bulk)
melphalan	Alkeran
melphalan	melphalan
melphalan HCl	Alkeran (as HCl)
melphalan HCl	melphalan HCl
melphalan HCl/betadex sulfobutyl ether sodium	Evomela
mercaptopurine	mercaptopurine
mercaptopurine	Purinethol
mercaptopurine	mercaptopurine (bulk)
mercaptopurine	Purixan
methotrexate	methotrexate (bulk)
methotrexate	Xatmep
methotrexate sodium	methotrexate sodium
methotrexate sodium	Trexall
methotrexate sodium/PF	methotrexate sodium (PF)
methotrexate sodium/PF	Methotrexate LPF
methoxsalen	methoxsalen (bulk)
methoxsalen	Uvadex
midostaurin	Rydapt
mitomycin	Mutamycin
mitomycin	mitomycin
mitomycin	mitomycin (bulk)
mitotane	Lysodren
mitotane	mitotane (bulk)
mitoxantrone HCl	mitoxantrone
mitoxantrone HCl	Novantrone
mogamulizumab-kpkc	Poteligeo
moxetumomab pasudotox-tdfk	Lumoxiti
necitumumab	Portrazza
nelarabine	Arranon
neratinib maleate	Nerlynx
nilotinib HCl	Tasigna
nilutamide	Nilandron
nilutamide	nilutamide
nintedanib esylate	Ofev

Appendix D. Generic and Brand Names of Medical Products Used to Define Exclusions in this Request

Generic Name	Brand Name
niraparib tosylate	Zejula
nivolumab	Opdivo
obinutuzumab	Gazyva
ofatumumab	Arzerra
olaparib	Lynparza
olaratumab	Lartruvo
omacetaxine mepesuccinate	Synribo
osimertinib mesylate	Tagrisso
oxaliplatin	Eloxatin
oxaliplatin	oxaliplatin
paclitaxel	Taxol
paclitaxel	paclitaxel
paclitaxel	Onxol
paclitaxel protein-bound	Abraxane
palbociclib	Ibrance
panitumumab	Vectibix
panobinostat lactate	Farydak
pazopanib HCl	Votrient
pegaspargase	Oncaspar
peginterferon alfa-2b	Sylatron
peginterferon alfa-2b	Sylatron 4-Pack
pembrolizumab	Keytruda
pemetrexed disodium	Alimta
pentostatin	Nipent
pentostatin	pentostatin
pertuzumab	Perjeta
pexidartinib hydrochloride	Turalio
plicamycin	Mithracin
polatuzumab vedotin-piiq	Polivy
pomalidomide	Pomalyst
ponatinib HCl	Iclusig
porfimer sodium	Photofrin
pralatrexate	Folotyn
procarbazine HCl	procarbazine HCl (bulk)
procarbazine HCl	Matulane
radium-223 dichloride	Xofigo
ramucirumab	Cyramza
regorafenib	Stivarga
ribociclib succinate	Kisqali
ribociclib succinate/letrozole	Kisqali Femara Co-Pack
rituximab	Rituxan
rituximab/hyaluronidase, human recombinant	Rituxan Hycela
rituximab-abbs	Truxima
rituximab-pvvr	Ruxience
romidepsin	romidepsin
romidepsin	Istodax

Appendix D. Generic and Brand Names of Medical Products Used to Define Exclusions in this Request

Generic Name	Brand Name
rucaparib camsylate	Rubraca
ruxolitinib phosphate	Jakafi
samarium Sm 153 lexidronam	Quadramet
selinexor	Xpovio
siltuximab	Sylvant
sipuleucel-T/lactated ringers solution	Provenge
sodium iodide-131	Hicon
sonidegib phosphate	Odomzo
sorafenib tosylate	Nexavar
streptozocin	Zanosar
strontium-89 chloride	Metastron
strontium-89 chloride	strontium-89 chloride
sunitinib malate	Sutent
tagraxofusp-erzs	Elzonris
talazoparib tosylate	Talzenna
talimogene laherparepvec	Imlygic
tamoxifen citrate	tamoxifen
tamoxifen citrate	Nolvadex
tamoxifen citrate	Soltamox
tazemetostat hydrobromide	Tazverik
temozolomide	temozolomide
temozolomide	Temodar
temsirolimus	Torisel
temsirolimus	temsirolimus
teniposide	Vumon
teniposide	teniposide
testolactone	Teslac
thioguanine	Tabloid
thioguanine	thioguanine (bulk)
thiotepa	thiotepa
thiotepa	thiotepa (bulk)
thiotepa	Tepadina
thiotepa	Thioplex
tisagenlecleucel	Kymriah
topotecan HCl	Hycamtin
topotecan HCl	topotecan
toremifene citrate	Fareston
toremifene citrate	toremifene
tositumomab (with maltose)	Bexxar Dosimetric
tositumomab (with maltose)	Bexxar Therapeutic
Tositumomab Iodine-131 (with Maltose)	Bexxar 131 Iodine
trabectedin	Yondelis
trametinib dimethyl sulfoxide	Mekinist
trastuzumab	Herceptin
trastuzumab-anns	Kanjinti
trastuzumab-dkst	Ogivri

Appendix D. Generic and Brand Names of Medical Products Used to Define Exclusions in this Request

Generic Name	Brand Name
trastuzumab-hyaluronidase-oysk	Herceptin Hylecta
tretinoin	Vesanoid
tretinoin	tretinoin (chemotherapy)
trifluridine/tipiracil HCl	Lonsurf
triptorelin pamoate	Trelstar LA
triptorelin pamoate	Trelstar Depot
triptorelin pamoate	Trelstar
valrubicin	valrubicin
valrubicin	Valstar
vandetanib	vandetanib
vandetanib	Caprelsa
vemurafenib	Zelboraf
venetoclax	Venclexta
venetoclax	Venclexta Starting Pack
vinblastine sulfate	Velban
vinblastine sulfate	vinblastine
vincristine sulfate	Oncovin
vincristine sulfate	Vincasar PFS
vincristine sulfate	vincristine
vincristine sulfate liposomal	Marqibo
vinorelbine tartrate	vinorelbine
vinorelbine tartrate	Navelbine
vismodegib	Erivedge
vorinostat	Zolinza
zanubrutinib	Brukinsa
ziv-aflibercept	Zaltrap
estradiol cypionate/medroxyprogesterone acetate	Lunelle
estradiol cypionate/medroxyprogesterone acetate	medroxyprogest-estradiol cyp
estrogens, conjugated/medroxyprogesterone acetate	Prempro
estrogens, conjugated/medroxyprogesterone acetate	Premphase
leuprolide acetate/norethindrone acetate	Lupaneta Pack (1 month)
leuprolide acetate/norethindrone acetate	Lupaneta Pack (3 month)
medroxyprogesterone acetate	Provera
medroxyprogesterone acetate	Depo-SubQ provera 104
medroxyprogesterone acetate	Amen
medroxyprogesterone acetate	medroxyprogesterone
medroxyprogesterone acetate	Cycrin
medroxyprogesterone acetate, micronized	medroxyprogest, ac micro(bulk)
Isotretinoin	
isotretinoin	Accutane
isotretinoin	Amnesteem
isotretinoin	Claravis
isotretinoin	Absorica
isotretinoin	Sotret
isotretinoin	isotretinoin (bulk)
isotretinoin	Zenatane

Appendix D. Generic and Brand Names of Medical Products Used to Define Exclusions in this Request

Generic Name	Brand Name
isotretinoin	Myorisan
isotretinoin	isotretinoin
isotretinoin, micronized	Absorica LD
Lithium	
lithium aspartate	Lithate
lithium carbonate	Eskalith
lithium carbonate	Eskalith CR
lithium carbonate	Lithobid
lithium carbonate	lithium carbonate
lithium carbonate	lithium carbonate (bulk)
lithium citrate	lithium citrate
lithium citrate tetrahydrate	lithium citrate tetrahyd(bulk)
Misoprostol	
diclofenac sodium/misoprostol	Arthrotec 50
diclofenac sodium/misoprostol	Arthrotec 75
diclofenac sodium/misoprostol	diclofenac-misoprostol
misoprostol	Cytotec
misoprostol	misoprostol
misoprostol	misoprostol (bulk)
Thalidomide	
thalidomide	Thalomid
Warfarin	
warfarin sodium	Coumadin
warfarin sodium	warfarin
warfarin sodium	Jantoven
warfarin sodium	warfarin (bulk)

Appendix E. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, 4th Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusions in this Request

Code	Description	Code Type	Code Category
Chromosomal Abnormalities			
758.0	Down's syndrome	ICD-9-CM	Diagnosis
758.1	Patau's syndrome	ICD-9-CM	Diagnosis
758.2	Edwards' syndrome	ICD-9-CM	Diagnosis
758.3	Autosomal deletion syndromes	ICD-9-CM	Diagnosis
758.31	Cri-du-chat syndrome	ICD-9-CM	Diagnosis
758.32	Velo-cardio-facial syndrome	ICD-9-CM	Diagnosis
758.33	Autosomal deletion syndromes, other microdeletions	ICD-9-CM	Diagnosis
758.39	Autosomal deletion syndromes, other autosomal deletions	ICD-9-CM	Diagnosis
758.4	Balanced autosomal translocation in normal individual	ICD-9-CM	Diagnosis
758.5	Other conditions due to autosomal anomalies	ICD-9-CM	Diagnosis
758.6	Gonadal dysgenesis	ICD-9-CM	Diagnosis
758.7	Klinefelter's syndrome	ICD-9-CM	Diagnosis
758.8	Other conditions due to chromosome anomalies	ICD-9-CM	Diagnosis
758.81	Other conditions due to sex chromosome anomalies	ICD-9-CM	Diagnosis
758.89	Other conditions due to chromosome anomalies	ICD-9-CM	Diagnosis
758.9	Conditions due to anomaly of unspecified chromosome	ICD-9-CM	Diagnosis
759.81	Prader-Willi syndrome	ICD-9-CM	Diagnosis
759.82	Marfan's syndrome	ICD-9-CM	Diagnosis
759.83	Fragile X syndrome	ICD-9-CM	Diagnosis
Q87.1	Congenital malformation syndromes predominantly associated with short stature	ICD-10-CM	Diagnosis
Q87.11	Prader-Willi syndrome	ICD-10-CM	Diagnosis
Q87.40	Marfan's syndrome, unspecified	ICD-10-CM	Diagnosis
Q87.410	Marfan's syndrome with aortic dilation	ICD-10-CM	Diagnosis
Q87.418	Marfan's syndrome with other cardiovascular manifestations	ICD-10-CM	Diagnosis
Q87.42	Marfan's syndrome with ocular manifestations	ICD-10-CM	Diagnosis
Q87.43	Marfan's syndrome with skeletal manifestation	ICD-10-CM	Diagnosis
Q87.81	Alport syndrome	ICD-10-CM	Diagnosis
Q87.82	Arterial tortuosity syndrome	ICD-10-CM	Diagnosis
Q90.0	Trisomy 21, nonmosaicism (meiotic nondisjunction)	ICD-10-CM	Diagnosis
Q90.1	Trisomy 21, mosaicism (mitotic nondisjunction)	ICD-10-CM	Diagnosis
Q90.2	Trisomy 21, translocation	ICD-10-CM	Diagnosis
Q90.9	Down syndrome, unspecified	ICD-10-CM	Diagnosis
Q91.0	Trisomy 18, nonmosaicism (meiotic nondisjunction)	ICD-10-CM	Diagnosis
Q91.1	Trisomy 18, mosaicism (mitotic nondisjunction)	ICD-10-CM	Diagnosis
Q91.2	Trisomy 18, translocation	ICD-10-CM	Diagnosis
Q91.3	Trisomy 18, unspecified	ICD-10-CM	Diagnosis
Q91.4	Trisomy 13, nonmosaicism (meiotic nondisjunction)	ICD-10-CM	Diagnosis
Q91.5	Trisomy 13, mosaicism (mitotic nondisjunction)	ICD-10-CM	Diagnosis
Q91.6	Trisomy 13, translocation	ICD-10-CM	Diagnosis
Q91.7	Trisomy 13, unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Q92.0	Whole chromosome trisomy, nonmosaicism (meiotic nondisjunction)	ICD-10-CM	Diagnosis
Q92.1	Whole chromosome trisomy, mosaicism (mitotic nondisjunction)	ICD-10-CM	Diagnosis
Q92.2	Partial trisomy	ICD-10-CM	Diagnosis
Q92.5	Duplications with other complex rearrangements	ICD-10-CM	Diagnosis
Q92.6	Marker chromosomes	ICD-10-CM	Diagnosis
Q92.61	Marker chromosomes in normal individual	ICD-10-CM	Diagnosis
Q92.62	Marker chromosomes in abnormal individual	ICD-10-CM	Diagnosis
Q92.7	Triploidy and polyploidy	ICD-10-CM	Diagnosis
Q92.8	Other specified trisomies and partial trisomies of autosomes	ICD-10-CM	Diagnosis
Q92.9	Trisomy and partial trisomy of autosomes, unspecified	ICD-10-CM	Diagnosis
Q93.0	Whole chromosome monosomy, nonmosaicism (meiotic nondisjunction)	ICD-10-CM	Diagnosis
Q93.1	Whole chromosome monosomy, mosaicism (mitotic nondisjunction)	ICD-10-CM	Diagnosis
Q93.2	Chromosome replaced with ring, dicentric or isochromosome	ICD-10-CM	Diagnosis
Q93.3	Deletion of short arm of chromosome 4	ICD-10-CM	Diagnosis
Q93.4	Deletion of short arm of chromosome 5	ICD-10-CM	Diagnosis
Q93.5	Other deletions of part of a chromosome	ICD-10-CM	Diagnosis
Q93.51	Angelman syndrome	ICD-10-CM	Diagnosis
Q93.59	Other deletions of part of a chromosome	ICD-10-CM	Diagnosis
Q93.7	Deletions with other complex rearrangements	ICD-10-CM	Diagnosis
Q93.8	Other deletions from the autosomes	ICD-10-CM	Diagnosis
Q93.81	Velo-cardio-facial syndrome	ICD-10-CM	Diagnosis
Q93.82	Williams syndrome	ICD-10-CM	Diagnosis
Q93.88	Other microdeletions	ICD-10-CM	Diagnosis
Q93.89	Other deletions from the autosomes	ICD-10-CM	Diagnosis
Q93.9	Deletion from autosomes, unspecified	ICD-10-CM	Diagnosis
Q95.0	Balanced translocation and insertion in normal individual	ICD-10-CM	Diagnosis
Q95.1	Chromosome inversion in normal individual	ICD-10-CM	Diagnosis
Q95.2	Balanced autosomal rearrangement in abnormal individual	ICD-10-CM	Diagnosis
Q95.3	Balanced sex/autosomal rearrangement in abnormal individual	ICD-10-CM	Diagnosis
Q95.5	Individual with autosomal fragile site	ICD-10-CM	Diagnosis
Q95.8	Other balanced rearrangements and structural markers	ICD-10-CM	Diagnosis
Q95.9	Balanced rearrangement and structural marker, unspecified	ICD-10-CM	Diagnosis
Q96.0	Karyotype 45, X	ICD-10-CM	Diagnosis
Q96.1	Karyotype 46, X iso (Xq)	ICD-10-CM	Diagnosis
Q96.2	Karyotype 46, X with abnormal sex chromosome, except iso (Xq)	ICD-10-CM	Diagnosis
Q96.3	Mosaicism, 45, X/46, XX or XY	ICD-10-CM	Diagnosis
Q96.4	Mosaicism, 45, X/other cell line(s) with abnormal sex chromosome	ICD-10-CM	Diagnosis
Q96.8	Other variants of Turner's syndrome	ICD-10-CM	Diagnosis
Q96.9	Turner's syndrome, unspecified	ICD-10-CM	Diagnosis
Q97.0	Karyotype 47, XXX	ICD-10-CM	Diagnosis
Q97.1	Female with more than three X chromosomes	ICD-10-CM	Diagnosis
Q97.2	Mosaicism, lines with various numbers of X chromosomes	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Q97.3	Female with 46, XY karyotype	ICD-10-CM	Diagnosis
Q97.8	Other specified sex chromosome abnormalities, female phenotype	ICD-10-CM	Diagnosis
Q97.9	Sex chromosome abnormality, female phenotype, unspecified	ICD-10-CM	Diagnosis
Q98.0	Klinefelter syndrome karyotype 47, XXY	ICD-10-CM	Diagnosis
Q98.1	Klinefelter syndrome, male with more than two X chromosomes	ICD-10-CM	Diagnosis
Q98.3	Other male with 46, XX karyotype	ICD-10-CM	Diagnosis
Q98.4	Klinefelter syndrome, unspecified	ICD-10-CM	Diagnosis
Q98.5	Karyotype 47, XYY	ICD-10-CM	Diagnosis
Q98.6	Male with structurally abnormal sex chromosome	ICD-10-CM	Diagnosis
Q98.7	Male with sex chromosome mosaicism	ICD-10-CM	Diagnosis
Q98.8	Other specified sex chromosome abnormalities, male phenotype	ICD-10-CM	Diagnosis
Q98.9	Sex chromosome abnormality, male phenotype, unspecified	ICD-10-CM	Diagnosis
Q99.0	Chimera 46, XX/46, XY	ICD-10-CM	Diagnosis
Q99.1	46, XX true hermaphrodite	ICD-10-CM	Diagnosis
Q99.2	Fragile X chromosome	ICD-10-CM	Diagnosis
Q99.8	Other specified chromosome abnormalities	ICD-10-CM	Diagnosis
Q99.9	Chromosomal abnormality, unspecified	ICD-10-CM	Diagnosis
Live Birth Delivery			
0W8NXZZ	Division of Female Perineum, External Approach	ICD-10-PCS	Procedure
10900ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Open Approach	ICD-10-PCS	Procedure
10903ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Approach	ICD-10-PCS	Procedure
10904ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
10907ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10908ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
10D00Z0	Extraction of Products of Conception, Classical, Open Approach	ICD-10-PCS	Procedure
10D00Z1	Extraction of Products of Conception, Low Cervical, Open Approach	ICD-10-PCS	Procedure
10D00Z2	Extraction of Products of Conception, Extraperitoneal, Open Approach	ICD-10-PCS	Procedure
10D07Z3	Extraction of Products of Conception, Low Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z4	Extraction of Products of Conception, Mid Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z5	Extraction of Products of Conception, High Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z6	Extraction of Products of Conception, Vacuum, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z7	Extraction of Products of Conception, Internal Version, Via Natural or Artificial Opening	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
10D07Z8	Extraction of Products of Conception, Other, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10E0XZZ	Delivery of Products of Conception, External Approach	ICD-10-PCS	Procedure
10S07ZZ	Reposition Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
O1002	Pre-existing essential hypertension complicating childbirth	ICD-10-CM	Diagnosis
O1012	Pre-existing hypertensive heart disease complicating childbirth	ICD-10-CM	Diagnosis
O1022	Pre-existing hypertensive chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O1032	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O1042	Pre-existing secondary hypertension complicating childbirth	ICD-10-CM	Diagnosis
O1092	Unspecified pre-existing hypertension complicating childbirth	ICD-10-CM	Diagnosis
O114	Pre-existing hypertension with pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O1204	Gestational edema, complicating childbirth	ICD-10-CM	Diagnosis
O1214	Gestational proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O1224	Gestational edema with proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O134	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O1404	Mild to moderate pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O1414	Severe pre-eclampsia complicating childbirth	ICD-10-CM	Diagnosis
O1424	HELLP syndrome, complicating childbirth	ICD-10-CM	Diagnosis
O1494	Unspecified pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O164	Unspecified maternal hypertension, complicating childbirth	ICD-10-CM	Diagnosis
O2402	Pre-existing type 1 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O2412	Pre-existing type 2 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O2432	Unspecified pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24420	Gestational diabetes mellitus in childbirth, diet controlled	ICD-10-CM	Diagnosis
O24424	Gestational diabetes mellitus in childbirth, insulin controlled	ICD-10-CM	Diagnosis
O24425	Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs	ICD-10-CM	Diagnosis
O24429	Gestational diabetes mellitus in childbirth, unspecified control	ICD-10-CM	Diagnosis
O2482	Other pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O2492	Unspecified diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O252	Malnutrition in childbirth	ICD-10-CM	Diagnosis
O2662	Liver and biliary tract disorders in childbirth	ICD-10-CM	Diagnosis
O2672	Subluxation of symphysis (pubis) in childbirth	ICD-10-CM	Diagnosis
O6012X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O6012X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	ICD-10-CM	Diagnosis
O6012X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	ICD-10-CM	Diagnosis
O6012X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O6012X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	ICD-10-CM	Diagnosis
O6012X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	ICD-10-CM	Diagnosis
O6012X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	ICD-10-CM	Diagnosis
O6013X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O6013X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O6013X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O6013X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O6013X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O6013X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O6013X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O6014X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O6014X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O6014X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O6014X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O6014X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O6014X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O6014X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O6022X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O6022X1	Term delivery with preterm labor, second trimester, fetus 1	ICD-10-CM	Diagnosis
O6022X2	Term delivery with preterm labor, second trimester, fetus 2	ICD-10-CM	Diagnosis
O6022X3	Term delivery with preterm labor, second trimester, fetus 3	ICD-10-CM	Diagnosis
O6022X4	Term delivery with preterm labor, second trimester, fetus 4	ICD-10-CM	Diagnosis
O6022X5	Term delivery with preterm labor, second trimester, fetus 5	ICD-10-CM	Diagnosis
O6022X9	Term delivery with preterm labor, second trimester, other fetus	ICD-10-CM	Diagnosis
O6023X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O6023X1	Term delivery with preterm labor, third trimester, fetus 1	ICD-10-CM	Diagnosis
O6023X2	Term delivery with preterm labor, third trimester, fetus 2	ICD-10-CM	Diagnosis
O6023X3	Term delivery with preterm labor, third trimester, fetus 3	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O6023X4	Term delivery with preterm labor, third trimester, fetus 4	ICD-10-CM	Diagnosis
O6023X5	Term delivery with preterm labor, third trimester, fetus 5	ICD-10-CM	Diagnosis
O6023X9	Term delivery with preterm labor, third trimester, other fetus	ICD-10-CM	Diagnosis
O632	Delayed delivery of second twin, triplet, etc	ICD-10-CM	Diagnosis
O670	Intrapartum hemorrhage with coagulation defect	ICD-10-CM	Diagnosis
O678	Other intrapartum hemorrhage	ICD-10-CM	Diagnosis
O679	Intrapartum hemorrhage, unspecified	ICD-10-CM	Diagnosis
O68	Labor and delivery complicated by abnormality of fetal acid-base balance	ICD-10-CM	Diagnosis
O690XX0	Labor and delivery complicated by prolapse of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O690XX1	Labor and delivery complicated by prolapse of cord, fetus 1	ICD-10-CM	Diagnosis
O690XX2	Labor and delivery complicated by prolapse of cord, fetus 2	ICD-10-CM	Diagnosis
O690XX3	Labor and delivery complicated by prolapse of cord, fetus 3	ICD-10-CM	Diagnosis
O690XX4	Labor and delivery complicated by prolapse of cord, fetus 4	ICD-10-CM	Diagnosis
O690XX5	Labor and delivery complicated by prolapse of cord, fetus 5	ICD-10-CM	Diagnosis
O690XX9	Labor and delivery complicated by prolapse of cord, other fetus	ICD-10-CM	Diagnosis
O691XX0	Labor and delivery complicated by cord around neck, with compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O691XX1	Labor and delivery complicated by cord around neck, with compression, fetus 1	ICD-10-CM	Diagnosis
O691XX2	Labor and delivery complicated by cord around neck, with compression, fetus 2	ICD-10-CM	Diagnosis
O691XX3	Labor and delivery complicated by cord around neck, with compression, fetus 3	ICD-10-CM	Diagnosis
O691XX4	Labor and delivery complicated by cord around neck, with compression, fetus 4	ICD-10-CM	Diagnosis
O691XX5	Labor and delivery complicated by cord around neck, with compression, fetus 5	ICD-10-CM	Diagnosis
O691XX9	Labor and delivery complicated by cord around neck, with compression, other fetus	ICD-10-CM	Diagnosis
O692XX0	Labor and delivery complicated by other cord entanglement, with compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O692XX1	Labor and delivery complicated by other cord entanglement, with compression, fetus 1	ICD-10-CM	Diagnosis
O692XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	ICD-10-CM	Diagnosis
O692XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	ICD-10-CM	Diagnosis
O692XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	ICD-10-CM	Diagnosis
O692XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O692XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	ICD-10-CM	Diagnosis
O693XX0	Labor and delivery complicated by short cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O693XX1	Labor and delivery complicated by short cord, fetus 1	ICD-10-CM	Diagnosis
O693XX2	Labor and delivery complicated by short cord, fetus 2	ICD-10-CM	Diagnosis
O693XX3	Labor and delivery complicated by short cord, fetus 3	ICD-10-CM	Diagnosis
O693XX4	Labor and delivery complicated by short cord, fetus 4	ICD-10-CM	Diagnosis
O693XX5	Labor and delivery complicated by short cord, fetus 5	ICD-10-CM	Diagnosis
O693XX9	Labor and delivery complicated by short cord, other fetus	ICD-10-CM	Diagnosis
O694XX0	Labor and delivery complicated by vasa previa, not applicable or unspecified	ICD-10-CM	Diagnosis
O694XX1	Labor and delivery complicated by vasa previa, fetus 1	ICD-10-CM	Diagnosis
O694XX2	Labor and delivery complicated by vasa previa, fetus 2	ICD-10-CM	Diagnosis
O694XX3	Labor and delivery complicated by vasa previa, fetus 3	ICD-10-CM	Diagnosis
O694XX4	Labor and delivery complicated by vasa previa, fetus 4	ICD-10-CM	Diagnosis
O694XX5	Labor and delivery complicated by vasa previa, fetus 5	ICD-10-CM	Diagnosis
O694XX9	Labor and delivery complicated by vasa previa, other fetus	ICD-10-CM	Diagnosis
O695XX0	Labor and delivery complicated by vascular lesion of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O695XX1	Labor and delivery complicated by vascular lesion of cord, fetus 1	ICD-10-CM	Diagnosis
O695XX2	Labor and delivery complicated by vascular lesion of cord, fetus 2	ICD-10-CM	Diagnosis
O695XX3	Labor and delivery complicated by vascular lesion of cord, fetus 3	ICD-10-CM	Diagnosis
O695XX4	Labor and delivery complicated by vascular lesion of cord, fetus 4	ICD-10-CM	Diagnosis
O695XX5	Labor and delivery complicated by vascular lesion of cord, fetus 5	ICD-10-CM	Diagnosis
O695XX9	Labor and delivery complicated by vascular lesion of cord, other fetus	ICD-10-CM	Diagnosis
O6981X0	Labor and delivery complicated by cord around neck, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O6981X1	Labor and delivery complicated by cord around neck, without compression, fetus 1	ICD-10-CM	Diagnosis
O6981X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	ICD-10-CM	Diagnosis
O6981X3	Labor and delivery complicated by cord around neck, without compression, fetus 3	ICD-10-CM	Diagnosis
O6981X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	ICD-10-CM	Diagnosis
O6981X5	Labor and delivery complicated by cord around neck, without compression, fetus 5	ICD-10-CM	Diagnosis
O6981X9	Labor and delivery complicated by cord around neck, without compression, other fetus	ICD-10-CM	Diagnosis
O6982X0	Labor and delivery complicated by other cord entanglement, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O6982X1	Labor and delivery complicated by other cord entanglement, without compression, fetus 1	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O6982X2	Labor and delivery complicated by other cord entanglement, without compression, fetus 2	ICD-10-CM	Diagnosis
O6982X3	Labor and delivery complicated by other cord entanglement, without compression, fetus 3	ICD-10-CM	Diagnosis
O6982X4	Labor and delivery complicated by other cord entanglement, without compression, fetus 4	ICD-10-CM	Diagnosis
O6982X5	Labor and delivery complicated by other cord entanglement, without compression, fetus 5	ICD-10-CM	Diagnosis
O6982X9	Labor and delivery complicated by other cord entanglement, without compression, other fetus	ICD-10-CM	Diagnosis
O6989X0	Labor and delivery complicated by other cord complications, not applicable or unspecified	ICD-10-CM	Diagnosis
O6989X1	Labor and delivery complicated by other cord complications, fetus 1	ICD-10-CM	Diagnosis
O6989X2	Labor and delivery complicated by other cord complications, fetus 2	ICD-10-CM	Diagnosis
O6989X3	Labor and delivery complicated by other cord complications, fetus 3	ICD-10-CM	Diagnosis
O6989X4	Labor and delivery complicated by other cord complications, fetus 4	ICD-10-CM	Diagnosis
O6989X5	Labor and delivery complicated by other cord complications, fetus 5	ICD-10-CM	Diagnosis
O6989X9	Labor and delivery complicated by other cord complications, other fetus	ICD-10-CM	Diagnosis
O699XX0	Labor and delivery complicated by cord complication, unspecified, not applicable or unspecified	ICD-10-CM	Diagnosis
O699XX1	Labor and delivery complicated by cord complication, unspecified, fetus 1	ICD-10-CM	Diagnosis
O699XX2	Labor and delivery complicated by cord complication, unspecified, fetus 2	ICD-10-CM	Diagnosis
O699XX3	Labor and delivery complicated by cord complication, unspecified, fetus 3	ICD-10-CM	Diagnosis
O699XX4	Labor and delivery complicated by cord complication, unspecified, fetus 4	ICD-10-CM	Diagnosis
O699XX5	Labor and delivery complicated by cord complication, unspecified, fetus 5	ICD-10-CM	Diagnosis
O699XX9	Labor and delivery complicated by cord complication, unspecified, other fetus	ICD-10-CM	Diagnosis
O700	First degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O701	Second degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O7020	Third degree perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O7021	Third degree perineal laceration during delivery, IIIa	ICD-10-CM	Diagnosis
O7022	Third degree perineal laceration during delivery, IIIb	ICD-10-CM	Diagnosis
O7023	Third degree perineal laceration during delivery, IIIc	ICD-10-CM	Diagnosis
O703	Fourth degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O704	Anal sphincter tear complicating delivery, not associated with third degree laceration	ICD-10-CM	Diagnosis
O709	Perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O740	Aspiration pneumonitis due to anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O741	Other pulmonary complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O742	Cardiac complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O743	Central nervous system complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O744	Toxic reaction to local anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O745	Spinal and epidural anesthesia-induced headache during labor and delivery	ICD-10-CM	Diagnosis
O746	Other complications of spinal and epidural anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O747	Failed or difficult intubation for anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O748	Other complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O749	Complication of anesthesia during labor and delivery, unspecified	ICD-10-CM	Diagnosis
O750	Maternal distress during labor and delivery	ICD-10-CM	Diagnosis
O751	Shock during or following labor and delivery	ICD-10-CM	Diagnosis
O755	Delayed delivery after artificial rupture of membranes	ICD-10-CM	Diagnosis
O7581	Maternal exhaustion complicating labor and delivery	ICD-10-CM	Diagnosis
O7582	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section	ICD-10-CM	Diagnosis
O7589	Other specified complications of labor and delivery	ICD-10-CM	Diagnosis
O759	Complication of labor and delivery, unspecified	ICD-10-CM	Diagnosis
O76	Abnormality in fetal heart rate and rhythm complicating labor and delivery	ICD-10-CM	Diagnosis
O770	Labor and delivery complicated by meconium in amniotic fluid	ICD-10-CM	Diagnosis
O778	Labor and delivery complicated by other evidence of fetal stress	ICD-10-CM	Diagnosis
O779	Labor and delivery complicated by fetal stress, unspecified	ICD-10-CM	Diagnosis
O80	Encounter for full-term uncomplicated delivery	ICD-10-CM	Diagnosis
O82	Encounter for cesarean delivery without indication	ICD-10-CM	Diagnosis
O8802	Air embolism in childbirth	ICD-10-CM	Diagnosis
O8812	Amniotic fluid embolism in childbirth	ICD-10-CM	Diagnosis
O8822	Thromboembolism in childbirth	ICD-10-CM	Diagnosis
O8832	Pyemic and septic embolism in childbirth	ICD-10-CM	Diagnosis
O8882	Other embolism in childbirth	ICD-10-CM	Diagnosis
O9802	Tuberculosis complicating childbirth	ICD-10-CM	Diagnosis
O9812	Syphilis complicating childbirth	ICD-10-CM	Diagnosis
O9822	Gonorrhea complicating childbirth	ICD-10-CM	Diagnosis
O9832	Other infections with a predominantly sexual mode of transmission complicating childbirth	ICD-10-CM	Diagnosis
O9842	Viral hepatitis complicating childbirth	ICD-10-CM	Diagnosis
O9852	Other viral diseases complicating childbirth	ICD-10-CM	Diagnosis
O9862	Protozoal diseases complicating childbirth	ICD-10-CM	Diagnosis
O9872	Human immunodeficiency virus [HIV] disease complicating childbirth	ICD-10-CM	Diagnosis
O9882	Other maternal infectious and parasitic diseases complicating childbirth	ICD-10-CM	Diagnosis
O9892	Unspecified maternal infectious and parasitic disease complicating childbirth	ICD-10-CM	Diagnosis
O9902	Anemia complicating childbirth	ICD-10-CM	Diagnosis
O9912	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating childbirth	ICD-10-CM	Diagnosis
O99214	Obesity complicating childbirth	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O99284	Endocrine, nutritional and metabolic diseases complicating childbirth	ICD-10-CM	Diagnosis
O99314	Alcohol use complicating childbirth	ICD-10-CM	Diagnosis
O99324	Drug use complicating childbirth	ICD-10-CM	Diagnosis
O99334	Smoking (tobacco) complicating childbirth	ICD-10-CM	Diagnosis
O99344	Other mental disorders complicating childbirth	ICD-10-CM	Diagnosis
O99354	Diseases of the nervous system complicating childbirth	ICD-10-CM	Diagnosis
O9942	Diseases of the circulatory system complicating childbirth	ICD-10-CM	Diagnosis
O9952	Diseases of the respiratory system complicating childbirth	ICD-10-CM	Diagnosis
O9962	Diseases of the digestive system complicating childbirth	ICD-10-CM	Diagnosis
O9972	Diseases of the skin and subcutaneous tissue complicating childbirth	ICD-10-CM	Diagnosis
O99814	Abnormal glucose complicating childbirth	ICD-10-CM	Diagnosis
O99824	Streptococcus B carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99834	Other infection carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99844	Bariatric surgery status complicating childbirth	ICD-10-CM	Diagnosis
O9A12	Malignant neoplasm complicating childbirth	ICD-10-CM	Diagnosis
O9A22	Injury, poisoning and certain other consequences of external causes complicating childbirth	ICD-10-CM	Diagnosis
O9A32	Physical abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A42	Sexual abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A52	Psychological abuse complicating childbirth	ICD-10-CM	Diagnosis
P030	Newborn affected by breech delivery and extraction	ICD-10-CM	Diagnosis
P032	Newborn affected by forceps delivery	ICD-10-CM	Diagnosis
P033	Newborn affected by delivery by vacuum extractor [ventouse]	ICD-10-CM	Diagnosis
P034	Newborn affected by Cesarean delivery	ICD-10-CM	Diagnosis
P035	Newborn affected by precipitate delivery	ICD-10-CM	Diagnosis
P0700	Extremely low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P0701	Extremely low birth weight newborn, less than 500 grams	ICD-10-CM	Diagnosis
P0702	Extremely low birth weight newborn, 500-749 grams	ICD-10-CM	Diagnosis
P0703	Extremely low birth weight newborn, 750-999 grams	ICD-10-CM	Diagnosis
P0710	Other low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P0714	Other low birth weight newborn, 1000-1249 grams	ICD-10-CM	Diagnosis
P0715	Other low birth weight newborn, 1250-1499 grams	ICD-10-CM	Diagnosis
P0716	Other low birth weight newborn, 1500-1749 grams	ICD-10-CM	Diagnosis
P0717	Other low birth weight newborn, 1750-1999 grams	ICD-10-CM	Diagnosis
P0718	Other low birth weight newborn, 2000-2499 grams	ICD-10-CM	Diagnosis
P0720	Extreme immaturity of newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P0721	Extreme immaturity of newborn, gestational age less than 23 completed weeks	ICD-10-CM	Diagnosis
P0722	Extreme immaturity of newborn, gestational age 23 completed weeks	ICD-10-CM	Diagnosis
P0723	Extreme immaturity of newborn, gestational age 24 completed weeks	ICD-10-CM	Diagnosis
P0724	Extreme immaturity of newborn, gestational age 25 completed weeks	ICD-10-CM	Diagnosis
P0725	Extreme immaturity of newborn, gestational age 26 completed weeks	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
P0726	Extreme immaturity of newborn, gestational age 27 completed weeks	ICD-10-CM	Diagnosis
P0730	Preterm newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P0731	Preterm newborn, gestational age 28 completed weeks	ICD-10-CM	Diagnosis
P0732	Preterm newborn, gestational age 29 completed weeks	ICD-10-CM	Diagnosis
P0733	Preterm newborn, gestational age 30 completed weeks	ICD-10-CM	Diagnosis
P0734	Preterm newborn, gestational age 31 completed weeks	ICD-10-CM	Diagnosis
P0735	Preterm newborn, gestational age 32 completed weeks	ICD-10-CM	Diagnosis
P0736	Preterm newborn, gestational age 33 completed weeks	ICD-10-CM	Diagnosis
P0737	Preterm newborn, gestational age 34 completed weeks	ICD-10-CM	Diagnosis
P0738	Preterm newborn, gestational age 35 completed weeks	ICD-10-CM	Diagnosis
P0739	Preterm newborn, gestational age 36 completed weeks	ICD-10-CM	Diagnosis
P0821	Post-term newborn	ICD-10-CM	Diagnosis
P0822	Prolonged gestation of newborn	ICD-10-CM	Diagnosis
Z370	Single live birth	ICD-10-CM	Diagnosis
Z372	Twins, both liveborn	ICD-10-CM	Diagnosis
Z373	Twins, one liveborn and one stillborn	ICD-10-CM	Diagnosis
Z3750	Multiple births, unspecified, all liveborn	ICD-10-CM	Diagnosis
Z3751	Triplets, all liveborn	ICD-10-CM	Diagnosis
Z3752	Quadruplets, all liveborn	ICD-10-CM	Diagnosis
Z3753	Quintuplets, all liveborn	ICD-10-CM	Diagnosis
Z3754	Sextuplets, all liveborn	ICD-10-CM	Diagnosis
Z3759	Other multiple births, all liveborn	ICD-10-CM	Diagnosis
Z3760	Multiple births, unspecified, some liveborn	ICD-10-CM	Diagnosis
Z3761	Triplets, some liveborn	ICD-10-CM	Diagnosis
Z3762	Quadruplets, some liveborn	ICD-10-CM	Diagnosis
Z3763	Quintuplets, some liveborn	ICD-10-CM	Diagnosis
Z3764	Sextuplets, some liveborn	ICD-10-CM	Diagnosis
Z3769	Other multiple births, some liveborn	ICD-10-CM	Diagnosis
Z379	Outcome of delivery, unspecified	ICD-10-CM	Diagnosis
Z3800	Single liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z3801	Single liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z381	Single liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z382	Single liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z3830	Twin liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z3831	Twin liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z384	Twin liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z385	Twin liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z3861	Triplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z3862	Triplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z3863	Quadruplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z3864	Quadruplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z3865	Quintuplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Z3866	Quintuplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z3868	Other multiple liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z3869	Other multiple liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z387	Other multiple liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z388	Other multiple liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
59400	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care	CPT-4	Procedure
59409	Vaginal delivery only (with or without episiotomy and/or forceps);	CPT-4	Procedure
59410	Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59510	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care	CPT-4	Procedure
59514	Cesarean delivery only;	CPT-4	Procedure
59515	Cesarean delivery only; including postpartum care	CPT-4	Procedure
59610	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery	CPT-4	Procedure
59612	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps);	CPT-4	Procedure
59614	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59618	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery	CPT-4	Procedure
59620	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery;	CPT-4	Procedure
59622	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care	CPT-4	Procedure
650	Normal delivery	ICD-9-CM	Diagnosis
7630	Fetus or newborn affected by breech delivery and extraction	ICD-9-CM	Diagnosis
7632	Fetus or newborn affected by forceps delivery	ICD-9-CM	Diagnosis
7633	Fetus or newborn affected by delivery by vacuum extractor	ICD-9-CM	Diagnosis
7634	Fetus or newborn affected by cesarean delivery	ICD-9-CM	Diagnosis
7636	Fetus or newborn affected by precipitate delivery	ICD-9-CM	Diagnosis
7680	Fetal death from asphyxia or anoxia before onset of labor or at unspecified time	ICD-9-CM	Diagnosis
7681	Fetal death from asphyxia or anoxia during labor	ICD-9-CM	Diagnosis
64101	Placenta previa without hemorrhage, with delivery	ICD-9-CM	Diagnosis
64111	Hemorrhage from placenta previa, with delivery	ICD-9-CM	Diagnosis
64121	Premature separation of placenta, with delivery	ICD-9-CM	Diagnosis
64131	Antepartum hemorrhage associated with coagulation defects, with delivery	ICD-9-CM	Diagnosis
64181	Other antepartum hemorrhage, with delivery	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
64191	Unspecified antepartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
64201	Benign essential hypertension with delivery	ICD-9-CM	Diagnosis
64202	Benign essential hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64211	Hypertension secondary to renal disease, with delivery	ICD-9-CM	Diagnosis
64212	Hypertension secondary to renal disease, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64221	Other pre-existing hypertension, with delivery	ICD-9-CM	Diagnosis
64222	Other pre-existing hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64231	Transient hypertension of pregnancy, with delivery	ICD-9-CM	Diagnosis
64232	Transient hypertension of pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64241	Mild or unspecified pre-eclampsia, with delivery	ICD-9-CM	Diagnosis
64242	Mild or unspecified pre-eclampsia, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64251	Severe pre-eclampsia, with delivery	ICD-9-CM	Diagnosis
64252	Severe pre-eclampsia, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64261	Eclampsia, with delivery	ICD-9-CM	Diagnosis
64262	Eclampsia, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64271	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, with delivery	ICD-9-CM	Diagnosis
64272	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64291	Unspecified hypertension, with delivery	ICD-9-CM	Diagnosis
64292	Unspecified hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64301	Mild hyperemesis gravidarum, delivered	ICD-9-CM	Diagnosis
64311	Hyperemesis gravidarum with metabolic disturbance, delivered	ICD-9-CM	Diagnosis
64321	Late vomiting of pregnancy, delivered	ICD-9-CM	Diagnosis
64381	Other vomiting complicating pregnancy, delivered	ICD-9-CM	Diagnosis
64391	Unspecified vomiting of pregnancy, delivered	ICD-9-CM	Diagnosis
64421	Early onset of delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64501	Prolonged pregnancy, with delivery	ICD-9-CM	Diagnosis
64511	Post term pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64521	Prolonged pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64523	Prolonged pregnancy, antepartum condition or complication	ICD-9-CM	Diagnosis
64601	Papyraceous fetus, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
64611	Edema or excessive weight gain in pregnancy, with delivery, with or without mention of antepartum complication	ICD-9-CM	Diagnosis
64612	Edema or excessive weight gain in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64621	Unspecified renal disease in pregnancy, with delivery	ICD-9-CM	Diagnosis
64622	Unspecified renal disease in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64631	Pregnancy complication, recurrent pregnancy loss, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64641	Peripheral neuritis in pregnancy, with delivery	ICD-9-CM	Diagnosis
64642	Peripheral neuritis in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64651	Asymptomatic bacteriuria in pregnancy, with delivery	ICD-9-CM	Diagnosis
64652	Asymptomatic bacteriuria in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64661	Infections of genitourinary tract in pregnancy, with delivery	ICD-9-CM	Diagnosis
64662	Infections of genitourinary tract in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64671	Liver and biliary tract disorders in pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64681	Other specified complication of pregnancy, with delivery	ICD-9-CM	Diagnosis
64682	Other specified complications of pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64691	Unspecified complication of pregnancy, with delivery	ICD-9-CM	Diagnosis
64701	Maternal syphilis, complicating pregnancy, with delivery	ICD-9-CM	Diagnosis
64702	Maternal syphilis, complicating pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64711	Maternal gonorrhea with delivery	ICD-9-CM	Diagnosis
64712	Maternal gonorrhea, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64721	Other maternal venereal diseases with delivery	ICD-9-CM	Diagnosis
64722	Other maternal venereal diseases with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64731	Maternal tuberculosis with delivery	ICD-9-CM	Diagnosis
64732	Maternal tuberculosis with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64741	Maternal malaria with delivery	ICD-9-CM	Diagnosis
64742	Maternal malaria with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64751	Maternal rubella with delivery	ICD-9-CM	Diagnosis
64752	Maternal rubella with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64761	Other maternal viral disease with delivery	ICD-9-CM	Diagnosis
64762	Other maternal viral disease with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64781	Other specified maternal infectious and parasitic disease with delivery	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
64782	Other specified maternal infectious and parasitic disease with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64791	Unspecified maternal infection or infestation with delivery	ICD-9-CM	Diagnosis
64792	Unspecified maternal infection or infestation with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64801	Maternal diabetes mellitus with delivery	ICD-9-CM	Diagnosis
64802	Maternal diabetes mellitus with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64811	Maternal thyroid dysfunction with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64812	Maternal thyroid dysfunction with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64821	Maternal anemia, with delivery	ICD-9-CM	Diagnosis
64822	Maternal anemia with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64831	Maternal drug dependence, with delivery	ICD-9-CM	Diagnosis
64832	Maternal drug dependence, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64841	Maternal mental disorders, with delivery	ICD-9-CM	Diagnosis
64842	Maternal mental disorders, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64851	Maternal congenital cardiovascular disorders, with delivery	ICD-9-CM	Diagnosis
64852	Maternal congenital cardiovascular disorders, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64861	Other maternal cardiovascular diseases, with delivery	ICD-9-CM	Diagnosis
64862	Other maternal cardiovascular diseases, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64871	Bone and joint disorders of maternal back, pelvis, and lower limbs, with delivery	ICD-9-CM	Diagnosis
64872	Bone and joint disorders of maternal back, pelvis, and lower limbs, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64881	Abnormal maternal glucose tolerance, with delivery	ICD-9-CM	Diagnosis
64882	Abnormal maternal glucose tolerance, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64891	Other current maternal conditions classifiable elsewhere, with delivery	ICD-9-CM	Diagnosis
64892	Other current maternal conditions classifiable elsewhere, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64901	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64902	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
64911	Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
64912	Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
64921	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64922	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
64931	Coagulation defects complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64932	Coagulation defects complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
64941	Epilepsy complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64942	Epilepsy complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
64951	Spotting complicating pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64961	Uterine size date discrepancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64962	Uterine size date discrepancy, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
64971	Cervical shortening, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64981	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64982	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65101	Twin pregnancy, delivered	ICD-9-CM	Diagnosis
65111	Triplet pregnancy, delivered	ICD-9-CM	Diagnosis
65121	Quadruplet pregnancy, delivered	ICD-9-CM	Diagnosis
65131	Twin pregnancy with fetal loss and retention of one fetus, delivered	ICD-9-CM	Diagnosis
65141	Triplet pregnancy with fetal loss and retention of one or more, delivered	ICD-9-CM	Diagnosis
65151	Quadruplet pregnancy with fetal loss and retention of one or more, delivered	ICD-9-CM	Diagnosis
65161	Other multiple pregnancy with fetal loss and retention of one or more fetus(es), delivered	ICD-9-CM	Diagnosis
65171	Multiple gestation following (elective) fetal reduction, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
65181	Other specified multiple gestation, delivered	ICD-9-CM	Diagnosis
65191	Unspecified multiple gestation, delivered	ICD-9-CM	Diagnosis
65201	Unstable lie of fetus, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
65211	Breech or other malpresentation successfully converted to cephalic presentation, delivered	ICD-9-CM	Diagnosis
65221	Breech presentation without mention of version, delivered	ICD-9-CM	Diagnosis
65231	Transverse or oblique fetal presentation, delivered	ICD-9-CM	Diagnosis
65241	Fetal face or brow presentation, delivered	ICD-9-CM	Diagnosis
65251	High fetal head at term, delivered	ICD-9-CM	Diagnosis
65261	Multiple gestation with malpresentation of one fetus or more, delivered	ICD-9-CM	Diagnosis
65271	Prolapsed arm of fetus, delivered	ICD-9-CM	Diagnosis
65281	Other specified malposition or malpresentation of fetus, delivered	ICD-9-CM	Diagnosis
65291	Unspecified malposition or malpresentation of fetus, delivered	ICD-9-CM	Diagnosis
65301	Major abnormality of bony pelvis, not further specified, delivered	ICD-9-CM	Diagnosis
65311	Generally contracted pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
65321	Inlet contraction of pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
65331	Outlet contraction of pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
65341	Fetopelvic disproportion, delivered	ICD-9-CM	Diagnosis
65351	Unusually large fetus causing disproportion, delivered	ICD-9-CM	Diagnosis
65361	Hydrocephalic fetus causing disproportion, delivered	ICD-9-CM	Diagnosis
65371	Other fetal abnormality causing disproportion, delivered	ICD-9-CM	Diagnosis
65381	Fetal disproportion of other origin, delivered	ICD-9-CM	Diagnosis
65391	Unspecified fetal disproportion, delivered	ICD-9-CM	Diagnosis
65401	Congenital abnormalities of pregnant uterus, delivered	ICD-9-CM	Diagnosis
65402	Congenital abnormalities of pregnant uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65411	Tumors of body of uterus, delivered	ICD-9-CM	Diagnosis
65412	Tumors of body of uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65421	Previous cesarean delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
65431	Retroverted and incarcerated gravid uterus, delivered	ICD-9-CM	Diagnosis
65432	Retroverted and incarcerated gravid uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65441	Other abnormalities in shape or position of gravid uterus and of neighboring structures, delivered	ICD-9-CM	Diagnosis
65442	Other abnormalities in shape or position of gravid uterus and of neighboring structures, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65451	Cervical incompetence, delivered	ICD-9-CM	Diagnosis
65452	Cervical incompetence, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65461	Other congenital or acquired abnormality of cervix, with delivery	ICD-9-CM	Diagnosis
65462	Other congenital or acquired abnormality of cervix, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65471	Congenital or acquired abnormality of vagina, with delivery	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
65472	Congenital or acquired abnormality of vagina, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65481	Congenital or acquired abnormality of vulva, with delivery	ICD-9-CM	Diagnosis
65482	Congenital or acquired abnormality of vulva, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65491	Other and unspecified abnormality of organs and soft tissues of pelvis, with delivery	ICD-9-CM	Diagnosis
65492	Other and unspecified abnormality of organs and soft tissues of pelvis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65501	Central nervous system malformation in fetus, with delivery	ICD-9-CM	Diagnosis
65511	Chromosomal abnormality in fetus, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
65521	Hereditary disease in family possibly affecting fetus, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
65531	Suspected damage to fetus from viral disease in mother, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
65541	Suspected damage to fetus from other disease in mother, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
65551	Suspected damage to fetus from drugs, affecting management of mother, delivered	ICD-9-CM	Diagnosis
65561	Suspected damage to fetus from radiation, affecting management of mother, delivered	ICD-9-CM	Diagnosis
65571	Decreased fetal movements, affecting management of mother, delivered	ICD-9-CM	Diagnosis
65581	Other known or suspected fetal abnormality, not elsewhere classified, affecting management of mother, delivery	ICD-9-CM	Diagnosis
65591	Unspecified fetal abnormality affecting management of mother, delivery	ICD-9-CM	Diagnosis
65601	Fetal-maternal hemorrhage, with delivery	ICD-9-CM	Diagnosis
65611	Rhesus isoimmunization affecting management of mother, delivered	ICD-9-CM	Diagnosis
65621	Isoimmunization from other and unspecified blood-group incompatibility, affecting management of mother, delivered	ICD-9-CM	Diagnosis
65631	Fetal distress affecting management of mother, delivered	ICD-9-CM	Diagnosis
65641	Intrauterine death affecting management of mother, delivered	ICD-9-CM	Diagnosis
65651	Poor fetal growth, affecting management of mother, delivered	ICD-9-CM	Diagnosis
65661	Excessive fetal growth affecting management of mother, delivered	ICD-9-CM	Diagnosis
65671	Other placental conditions affecting management of mother, delivered	ICD-9-CM	Diagnosis
65681	Other specified fetal and placental problems affecting management of mother, delivered	ICD-9-CM	Diagnosis
65691	Unspecified fetal and placental problem affecting management of mother, delivered	ICD-9-CM	Diagnosis
65701	Polyhydramnios, with delivery	ICD-9-CM	Diagnosis
65801	Oligohydramnios, delivered	ICD-9-CM	Diagnosis
65811	Premature rupture of membranes in pregnancy, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
65821	Delayed delivery after spontaneous or unspecified rupture of membranes, delivered	ICD-9-CM	Diagnosis
65831	Delayed delivery after artificial rupture of membranes, delivered	ICD-9-CM	Diagnosis
65841	Infection of amniotic cavity, delivered	ICD-9-CM	Diagnosis
65881	Other problem associated with amniotic cavity and membranes, delivered	ICD-9-CM	Diagnosis
65891	Unspecified problem associated with amniotic cavity and membranes, delivered	ICD-9-CM	Diagnosis
65901	Failed mechanical induction of labor, delivered	ICD-9-CM	Diagnosis
65911	Failed medical or unspecified induction of labor, delivered	ICD-9-CM	Diagnosis
65921	Unspecified maternal pyrexia during labor, delivered	ICD-9-CM	Diagnosis
65931	Generalized infection during labor, delivered	ICD-9-CM	Diagnosis
65941	Grand multiparity, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
65951	Elderly primigravida, delivered	ICD-9-CM	Diagnosis
65961	Elderly multigravida, delivered, with mention of antepartum condition	ICD-9-CM	Diagnosis
65971	Abnormality in fetal heart rate or rhythm, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
65981	Other specified indication for care or intervention related to labor and delivery, delivered	ICD-9-CM	Diagnosis
65991	Unspecified indication for care or intervention related to labor and delivery, delivered	ICD-9-CM	Diagnosis
66001	Obstruction caused by malposition of fetus at onset of labor, delivered	ICD-9-CM	Diagnosis
66011	Obstruction by bony pelvis during labor and delivery, delivered	ICD-9-CM	Diagnosis
66021	Obstruction by abnormal pelvic soft tissues during labor and delivery, delivered	ICD-9-CM	Diagnosis
66031	Deep transverse arrest and persistent occipitoposterior position during labor and deliver, delivered	ICD-9-CM	Diagnosis
66041	Shoulder (girdle) dystocia during labor and deliver, delivered	ICD-9-CM	Diagnosis
66051	Locked twins, delivered	ICD-9-CM	Diagnosis
66061	Unspecified failed trial of labor, delivered	ICD-9-CM	Diagnosis
66071	Unspecified failed forceps or vacuum extractor, delivered	ICD-9-CM	Diagnosis
66081	Other causes of obstructed labor, delivered	ICD-9-CM	Diagnosis
66091	Unspecified obstructed labor, with delivery	ICD-9-CM	Diagnosis
66101	Primary uterine inertia, with delivery	ICD-9-CM	Diagnosis
66111	Secondary uterine inertia, with delivery	ICD-9-CM	Diagnosis
66121	Other and unspecified uterine inertia, with delivery	ICD-9-CM	Diagnosis
66131	Precipitate labor, with delivery	ICD-9-CM	Diagnosis
66141	Hypertonic, incoordinate, or prolonged uterine contractions, with delivery	ICD-9-CM	Diagnosis
66191	Unspecified abnormality of labor, with delivery	ICD-9-CM	Diagnosis
66201	Prolonged first stage of labor, delivered	ICD-9-CM	Diagnosis
66211	Unspecified prolonged labor, delivered	ICD-9-CM	Diagnosis
66221	Prolonged second stage of labor, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
66231	Delayed delivery of second twin, triplet, etc., delivered	ICD-9-CM	Diagnosis
66301	Prolapse of cord, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66311	Cord around neck, with compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66321	Other and unspecified cord entanglement, with compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66331	Other and unspecified cord entanglement, without mention of compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66341	Short cord complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66351	Vasa previa complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66361	Vascular lesions of cord complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66381	Other umbilical cord complications during labor and delivery, delivered	ICD-9-CM	Diagnosis
66391	Unspecified umbilical cord complication during labor and delivery, delivered	ICD-9-CM	Diagnosis
66401	First-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
66411	Second-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
66421	Third-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
66431	Fourth-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
66441	Unspecified perineal laceration, with delivery	ICD-9-CM	Diagnosis
66451	Vulvar and perineal hematoma, with delivery	ICD-9-CM	Diagnosis
66461	Anal sphincter tear complicating delivery, not associated with third-degree perineal laceration, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66481	Other specified trauma to perineum and vulva, with delivery	ICD-9-CM	Diagnosis
66491	Unspecified trauma to perineum and vulva, with delivery	ICD-9-CM	Diagnosis
66501	Rupture of uterus before onset of labor, with delivery	ICD-9-CM	Diagnosis
66511	Rupture of uterus during labor, with delivery	ICD-9-CM	Diagnosis
66522	Inversion of uterus, delivered with postpartum complication	ICD-9-CM	Diagnosis
66531	Laceration of cervix, with delivery	ICD-9-CM	Diagnosis
66541	High vaginal laceration, with delivery	ICD-9-CM	Diagnosis
66551	Other injury to pelvic organs, with delivery	ICD-9-CM	Diagnosis
66561	Damage to pelvic joints and ligaments, with delivery	ICD-9-CM	Diagnosis
66571	Pelvic hematoma, with delivery	ICD-9-CM	Diagnosis
66572	Pelvic hematoma, delivered with postpartum complication	ICD-9-CM	Diagnosis
66581	Other specified obstetrical trauma, with delivery	ICD-9-CM	Diagnosis
66582	Other specified obstetrical trauma, delivered, with postpartum	ICD-9-CM	Diagnosis
66591	Unspecified obstetrical trauma, with delivery	ICD-9-CM	Diagnosis
66592	Unspecified obstetrical trauma, delivered, with postpartum complication	ICD-9-CM	Diagnosis
66602	Third-stage postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
66612	Other immediate postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
66622	Delayed and secondary postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
66632	Postpartum coagulation defects, with delivery	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
66702	Retained placenta without hemorrhage, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
66712	Retained portions of placenta or membranes, without hemorrhage, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66801	Pulmonary complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
66802	Pulmonary complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66811	Cardiac complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
66812	Cardiac complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66821	Central nervous system complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
66822	Central nervous system complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66881	Other complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
66882	Other complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66891	Unspecified complication of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
66892	Unspecified complication of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66901	Maternal distress, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66902	Maternal distress, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
66911	Shock during or following labor and delivery, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66912	Shock during or following labor and delivery, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
66921	Maternal hypotension syndrome, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66922	Maternal hypotension syndrome, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
66932	Acute kidney failure following labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66941	Other complications of obstetrical surgery and procedures, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
66942	Other complications of obstetrical surgery and procedures, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
66951	Forceps or vacuum extractor delivery without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66961	Breech extraction, without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66971	Cesarean delivery, without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66981	Other complication of labor and delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66982	Other complication of labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66991	Unspecified complication of labor and delivery, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66992	Unspecified complication of labor and delivery, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67002	Major puerperal infection, unspecified, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67012	Puerperal endometritis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67022	Puerperal sepsis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67032	Puerperal septic thrombophlebitis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67082	Other major puerperal infection, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67101	Varicose veins of legs, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67102	Varicose veins of legs, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67111	Varicose veins of vulva and perineum, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67112	Varicose veins of vulva and perineum, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67121	Superficial thrombophlebitis with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67122	Superficial thrombophlebitis with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67131	Deep phlebothrombosis, antepartum, with delivery	ICD-9-CM	Diagnosis
67142	Deep phlebothrombosis, postpartum, with delivery	ICD-9-CM	Diagnosis
67151	Other phlebitis and thrombosis with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67152	Other phlebitis and thrombosis with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
67181	Other venous complication, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67182	Other venous complication, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67191	Unspecified venous complication, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67192	Unspecified venous complication, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67202	Puerperal pyrexia of unknown origin, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67301	Obstetrical air embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67302	Obstetrical air embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67311	Amniotic fluid embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67312	Amniotic fluid embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67321	Obstetrical blood-clot embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67322	Obstetrical blood-clot embolism, with mention of postpartum complication	ICD-9-CM	Diagnosis
67331	Obstetrical pyemic and septic embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67332	Obstetrical pyemic and septic embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67381	Other obstetrical pulmonary embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67382	Other obstetrical pulmonary embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67401	Cerebrovascular disorder, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67402	Cerebrovascular disorder, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67412	Disruption of cesarean wound, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67422	Disruption of perineal wound, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67432	Other complication of obstetrical surgical wounds, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67442	Placental polyp, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67451	Peripartum cardiomyopathy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
67452	Peripartum cardiomyopathy, delivered, with mention of postpartum condition	ICD-9-CM	Diagnosis
67482	Other complication of puerperium, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67492	Unspecified complications of puerperium, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67501	Infection of nipple associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67502	Infection of nipple associated with childbirth, delivered with mention of postpartum complication	ICD-9-CM	Diagnosis
67511	Abscess of breast associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67512	Abscess of breast associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67521	Nonpurulent mastitis, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67522	Nonpurulent mastitis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67581	Other specified infection of the breast and nipple associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67582	Other specified infection of the breast and nipple associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67591	Unspecified infection of the breast and nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67592	Unspecified infection of the breast and nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67601	Retracted nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67602	Retracted nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67611	Cracked nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67612	Cracked nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67621	Engorgement of breasts, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67622	Engorgement of breasts, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67631	Other and unspecified disorder of breast associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67632	Other and unspecified disorder of breast associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67641	Failure of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67642	Failure of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
67651	Suppressed lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67652	Suppressed lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67661	Galactorrhea, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67662	Galactorrhea, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67681	Other disorder of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67682	Other disorder of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67691	Unspecified disorder of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
72	Forceps, vacuum, and breech delivery	ICD-9-CM	Procedure
73	Other procedures inducing or assisting delivery	ICD-9-CM	Procedure
720	Low forceps operation	ICD-9-CM	Procedure
721	Low forceps operation with episiotomy	ICD-9-CM	Procedure
722	Mid forceps operation	ICD-9-CM	Procedure
723	High forceps operation	ICD-9-CM	Procedure
724	Forceps rotation of fetal head	ICD-9-CM	Procedure
725	Breech extraction	ICD-9-CM	Procedure
726	Forceps application to aftercoming head	ICD-9-CM	Procedure
727	Vacuum extraction	ICD-9-CM	Procedure
728	Other specified instrumental delivery	ICD-9-CM	Procedure
729	Unspecified instrumental delivery	ICD-9-CM	Procedure
730	Artificial rupture of membranes	ICD-9-CM	Procedure
731	Other surgical induction of labor	ICD-9-CM	Procedure
732	Internal and combined version and extraction	ICD-9-CM	Procedure
733	Failed forceps	ICD-9-CM	Procedure
734	Medical induction of labor	ICD-9-CM	Procedure
735	Manually assisted delivery	ICD-9-CM	Procedure
736	Episiotomy	ICD-9-CM	Procedure
738	Operations on fetus to facilitate delivery	ICD-9-CM	Procedure
739	Other operations assisting delivery	ICD-9-CM	Procedure
740	Classical cesarean section	ICD-9-CM	Procedure
741	Low cervical cesarean section	ICD-9-CM	Procedure
742	Extraperitoneal cesarean section	ICD-9-CM	Procedure
744	Cesarean section of other specified type	ICD-9-CM	Procedure
749	Cesarean section of unspecified type	ICD-9-CM	Procedure
7221	Mid forceps operation with episiotomy	ICD-9-CM	Procedure
7229	Other mid forceps operation	ICD-9-CM	Procedure
7231	High forceps operation with episiotomy	ICD-9-CM	Procedure

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Code	Description	Code Type	Code Category
7239	Other high forceps operation	ICD-9-CM	Procedure
7251	Partial breech extraction with forceps to aftercoming head	ICD-9-CM	Procedure
7252	Other partial breech extraction	ICD-9-CM	Procedure
7253	Total breech extraction with forceps to aftercoming head	ICD-9-CM	Procedure
7254	Other total breech extraction	ICD-9-CM	Procedure
7271	Vacuum extraction with episiotomy	ICD-9-CM	Procedure
7279	Other vacuum extraction	ICD-9-CM	Procedure
7301	Induction of labor by artificial rupture of membranes	ICD-9-CM	Procedure
7309	Other artificial rupture of membranes	ICD-9-CM	Procedure
7321	Internal and combined version without extraction	ICD-9-CM	Procedure
7322	Internal and combined version with extraction	ICD-9-CM	Procedure
7351	Manual rotation of fetal head	ICD-9-CM	Procedure
7359	Other manually assisted delivery	ICD-9-CM	Procedure
7391	External version to assist delivery	ICD-9-CM	Procedure
7392	Replacement of prolapsed umbilical cord	ICD-9-CM	Procedure
7393	Incision of cervix to assist delivery	ICD-9-CM	Procedure
7394	Pubiotomy to assist delivery	ICD-9-CM	Procedure
7399	Other operations to assist delivery	ICD-9-CM	Procedure
7499	Other cesarean section of unspecified type	ICD-9-CM	Procedure
67692	Unspecified disorder of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67801	Fetal hematologic conditions, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67811	Fetal conjoined twins, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67901	Maternal complications from in utero procedure, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67902	Maternal complications from in utero procedure, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67911	Fetal complications from in utero procedure, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67912	Fetal complications from in utero procedure, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
V27	Outcome of delivery	ICD-9-CM	Diagnosis
V270	Outcome of delivery, single liveborn	ICD-9-CM	Diagnosis
V271	Outcome of delivery, single stillborn	ICD-9-CM	Diagnosis
V272	Outcome of delivery, twins, both liveborn	ICD-9-CM	Diagnosis
V273	Outcome of delivery, twins, one liveborn and one stillborn	ICD-9-CM	Diagnosis
V274	Outcome of delivery, twins, both stillborn	ICD-9-CM	Diagnosis
V275	Outcome of delivery, other multiple birth, all liveborn	ICD-9-CM	Diagnosis
V276	Outcome of delivery, other multiple birth, some liveborn	ICD-9-CM	Diagnosis
V277	Outcome of delivery, other multiple birth, all stillborn	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
V279	Outcome of delivery, unspecified	ICD-9-CM	Diagnosis
V30	Single liveborn	ICD-9-CM	Diagnosis
V300	Single liveborn, born in hospital	ICD-9-CM	Diagnosis
V3000	Single liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3001	Single liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V301	Single liveborn, born before admission to hospital	ICD-9-CM	Diagnosis
V302	Single liveborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V31	Twin birth, mate liveborn	ICD-9-CM	Diagnosis
V310	Twin, mate liveborn, born in hospital	ICD-9-CM	Diagnosis
V3100	Twin, mate liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3101	Twin, mate liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V311	Twin birth, mate liveborn, born before admission to hospital	ICD-9-CM	Diagnosis
V312	Twin birth, mate liveborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V32	Twin birth, mate stillborn	ICD-9-CM	Diagnosis
V320	Twin, mate stillborn, born in hospital	ICD-9-CM	Diagnosis
V3200	Twin, mate stillborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3201	Twin, mate stillborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V321	Twin birth, mate stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V322	Twin birth, mate stillborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V33	Twin birth, unspecified whether mate liveborn or stillborn	ICD-9-CM	Diagnosis
V330	Twin, unspecified, born in hospital	ICD-9-CM	Diagnosis
V3300	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3301	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V331	Twin birth, unspecified whether mate liveborn or stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V332	Twin birth, unspecified whether mate liveborn or stillborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V34	Other multiple birth (three or more), mates all liveborn	ICD-9-CM	Diagnosis
V340	Other multiple, mates all liveborn, born in hospital	ICD-9-CM	Diagnosis
V3400	Other multiple, mates all liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3401	Other multiple, mates all liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V341	Other multiple birth (three or more), mates all liveborn, born before admission to hospital	ICD-9-CM	Diagnosis
V342	Other multiple birth (three or more), mates all liveborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis

Appendix E. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, 4th Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusions in this Request

Code	Description	Code Type	Code Category
V35	Other multiple birth (three or more), mates all stillborn	ICD-9-CM	Diagnosis
V350	Other multiple, mates all stillborn, born in hospital	ICD-9-CM	Diagnosis
V3500	Other multiple, mates all stillborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3501	Other multiple, mates all stillborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V351	Other multiple birth (three or more), mates all stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V352	Other multiple birth (three or more), mates all stillborn, born outside of hospital and not hospitalized	ICD-9-CM	Diagnosis
V36	Other multiple birth (three or more), mates liveborn and stillborn	ICD-9-CM	Diagnosis
V360	Other multiple, mates liveborn and stillborn, born in hospital	ICD-9-CM	Diagnosis
V3600	Other multiple, mates liveborn and stillborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3601	Other multiple, mates liveborn and stillborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V361	Other multiple birth (three or more), mates liveborn and stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V362	Other multiple birth (three or more), mates liveborn and stillborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V37	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn	ICD-9-CM	Diagnosis
V370	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital	ICD-9-CM	Diagnosis
V3700	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3701	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V371	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V372	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born outside of hospital	ICD-9-CM	Diagnosis
V39	Liveborn, unspecified whether single, twin, or multiple	ICD-9-CM	Diagnosis
V390	Other liveborn, unspecified whether single, twin, or multiple, born in hospital	ICD-9-CM	Diagnosis
V3900	Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3901	Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered by cesarean	ICD-9-CM	Diagnosis
V391	Liveborn, unspecified whether single, twin or multiple, born before admission to hospital	ICD-9-CM	Diagnosis

Appendix E. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, 4th Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Exclusions in this Request

Code	Description	Code Type	Code Category
V392	Liveborn, unspecified whether single, twin or multiple, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Gestational Age in this Request

Gestational Age Look Up								
Code	Code Type	Code Category	Duration	Description	Priority Group 1	Priority Group 2	Priority Group 3	
O481	Diagnosis	ICD-10-CM	294	Prolonged pregnancy	0	1	1	
P0822	Diagnosis	ICD-10-CM	294	Prolonged gestation of newborn	0	1	1	
Z3A49	Diagnosis	ICD-10-CM	301	Greater than 42 weeks gestation of pregnancy	1	0	1	
O480	Diagnosis	ICD-10-CM	287	Post-term pregnancy	0	1	2	
P0821	Diagnosis	ICD-10-CM	287	Post-term newborn	0	1	2	
Z3A42	Diagnosis	ICD-10-CM	298	42 weeks gestation of pregnancy	1	0	2	
Z3A41	Diagnosis	ICD-10-CM	291	41 weeks gestation of pregnancy	1	0	3	
Z3A40	Diagnosis	ICD-10-CM	284	40 weeks gestation of pregnancy	1	0	4	
Z3A39	Diagnosis	ICD-10-CM	277	39 weeks gestation of pregnancy	1	0	5	
Z3A38	Diagnosis	ICD-10-CM	270	38 weeks gestation of pregnancy	1	0	6	
Z3A37	Diagnosis	ICD-10-CM	263	37 weeks gestation of pregnancy	1	0	7	
P0739	Diagnosis	ICD-10-CM	256	Preterm newborn, gestational age 36 completed weeks	1	0	8	
Z3A36	Diagnosis	ICD-10-CM	256	36 weeks gestation of pregnancy	1	0	8	
P0738	Diagnosis	ICD-10-CM	249	Preterm newborn, gestational age 35 completed weeks	1	0	9	
Z3A35	Diagnosis	ICD-10-CM	249	35 weeks gestation of pregnancy	1	0	9	
P0737	Diagnosis	ICD-10-CM	242	Preterm newborn, gestational age 34 completed weeks	1	0	10	
Z3A34	Diagnosis	ICD-10-CM	242	34 weeks gestation of pregnancy	1	0	10	
P0736	Diagnosis	ICD-10-CM	235	Preterm newborn, gestational age 33 completed weeks	1	0	11	
Z3A33	Diagnosis	ICD-10-CM	235	33 weeks gestation of pregnancy	1	0	11	
P0735	Diagnosis	ICD-10-CM	228	Preterm newborn, gestational age 32 completed weeks	1	0	12	
Z3A32	Diagnosis	ICD-10-CM	228	32 weeks gestation of pregnancy	1	0	12	
P0734	Diagnosis	ICD-10-CM	221	Preterm newborn, gestational age 31 completed weeks	1	0	13	
Z3A31	Diagnosis	ICD-10-CM	221	31 weeks gestation of pregnancy	1	0	13	
P0733	Diagnosis	ICD-10-CM	214	Preterm newborn, gestational age 30 completed weeks	1	0	14	
Z3A30	Diagnosis	ICD-10-CM	214	30 weeks gestation of pregnancy	1	0	14	
P0732	Diagnosis	ICD-10-CM	207	Preterm newborn, gestational age 29 completed weeks	1	0	15	
Z3A29	Diagnosis	ICD-10-CM	207	29 weeks gestation of pregnancy	1	0	15	
P0731	Diagnosis	ICD-10-CM	200	Preterm newborn, gestational age 28 completed weeks	1	0	16	
Z3A28	Diagnosis	ICD-10-CM	200	28 weeks gestation of pregnancy	1	0	16	
P0726	Diagnosis	ICD-10-CM	193	Extreme immaturity of newborn, gestational age 27 completed weeks	1	0	17	

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Gestational Age in this Request

Gestational Age Look Up								
Code	Code Type	Code Category	Duration	Description	Priority Group 1	Priority Group 2	Priority Group 3	
Z3A27	Diagnosis	ICD-10-CM	193	27 weeks gestation of pregnancy	1	0	17	
P0725	Diagnosis	ICD-10-CM	186	Extreme immaturity of newborn, gestational age 26 completed weeks	1	0	18	
Z3A26	Diagnosis	ICD-10-CM	186	26 weeks gestation of pregnancy	1	0	18	
P0724	Diagnosis	ICD-10-CM	179	Extreme immaturity of newborn, gestational age 25 completed weeks	1	0	19	
Z3A25	Diagnosis	ICD-10-CM	179	25 weeks gestation of pregnancy	1	0	19	
P0723	Diagnosis	ICD-10-CM	172	Extreme immaturity of newborn, gestational age 24 completed weeks	1	0	20	
Z3A24	Diagnosis	ICD-10-CM	172	24 weeks gestation of pregnancy	1	0	20	
P0722	Diagnosis	ICD-10-CM	165	Extreme immaturity of newborn, gestational age 23 completed weeks	1	0	21	
Z3A23	Diagnosis	ICD-10-CM	165	23 weeks gestation of pregnancy	1	0	21	
P0721	Diagnosis	ICD-10-CM	158	Extreme immaturity of newborn, gestational age less than 23 completed weeks	1	0	22	
Z3A22	Diagnosis	ICD-10-CM	158	22 weeks gestation of pregnancy	1	0	22	
Z3A21	Diagnosis	ICD-10-CM	151	21 weeks gestation of pregnancy	1	0	23	
Z3A20	Diagnosis	ICD-10-CM	144	20 weeks gestation of pregnancy	1	0	24	
P0720	Diagnosis	ICD-10-CM	196	Extreme immaturity of newborn, unspecified weeks of gestation	1	0	25	
O6013X0	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26	
O6013X1	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26	
O6013X2	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26	
O6013X3	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26	
O6013X4	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26	
O6013X5	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26	
O6013X9	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26	
O6014X0	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26	
O6014X1	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26	
O6014X2	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26	

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Gestational Age in this Request

Gestational Age Look Up								
Code	Code Type	Code Category	Duration	Description	Priority Group 1	Priority Group 2	Priority Group 3	
O6014X3	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26	
O6014X4	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26	
O6014X5	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26	
O6014X9	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26	
P0730	Diagnosis	ICD-10-CM	245	Preterm newborn, unspecified weeks of gestation	1	0	26	
O6012X0	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27	
O6012X1	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27	
O6012X2	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27	
O6012X3	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27	
O6012X4	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27	
O6012X5	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27	
O6012X9	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27	
64520	Diagnosis	ICD-9-CM	294	Prolonged pregnancy	0	1	28	
64521	Diagnosis	ICD-9-CM	294	Prolonged pregnancy	0	1	28	
64523	Diagnosis	ICD-9-CM	294	Prolonged pregnancy	0	1	28	
76528	Diagnosis	ICD-9-CM	252	35-36 completed weeks of gestation	1	0	28	
76622	Diagnosis	ICD-9-CM	294	Prolonged gestation of infant	0	1	28	
64510	Diagnosis	ICD-9-CM	287	Post term pregnancy	0	1	29	
64511	Diagnosis	ICD-9-CM	287	Post term pregnancy	0	1	29	
64513	Diagnosis	ICD-9-CM	287	Post term pregnancy	0	1	29	
76527	Diagnosis	ICD-9-CM	238	33-34 completed weeks of gestation	1	0	29	
76621	Diagnosis	ICD-9-CM	287	Post-term infant	0	1	29	
76526	Diagnosis	ICD-9-CM	224	31-32 completed weeks of gestation	1	0	30	
76525	Diagnosis	ICD-9-CM	210	29-30 completed weeks of gestation	1	0	31	
76524	Diagnosis	ICD-9-CM	196	27-28 completed weeks of gestation	1	0	32	
76523	Diagnosis	ICD-9-CM	182	25-26 completed weeks of gestation	1	0	33	
76521	Diagnosis	ICD-9-CM	168	Less than 24 completed weeks of gestation	1	0	34	
76522	Diagnosis	ICD-9-CM	168	24 completed weeks of gestation	1	0	34	

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Gestational Age in this Request

Gestational Age Look Up								
Code	Code Type	Code Category	Duration	Description	Priority Group 1	Priority Group 2	Priority Group 3	
76500	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35	
76501	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35	
76502	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35	
76503	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35	
76504	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35	
76505	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35	
76506	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35	
76507	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35	
76508	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35	
76509	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35	
64421	Diagnosis	ICD-9-CM	245	Early onset of delivery, delivered, with or without mention of antepartum condition	1	0	36	
76510	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36	
76511	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36	
76512	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36	
76513	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36	
76514	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36	
76515	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36	
76516	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36	
76517	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36	
76518	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36	
76519	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36	
76520	Diagnosis	ICD-9-CM	245	Unspecified weeks of gestation	1	0	36	

If multiple codes for specific weeks of gestation (Z codes), preterm delivery, and/or postterm delivery are available, the ICD-10 algorithm for gestational age prioritizes the following codes:

- (1) **Codes that specify weeks of gestation, including all Z codes ranging from 20 weeks through >=42 weeks of gestation in one week increments, and codes that indicate preterm delivery with weeks of gestation specified in one week increments (other than Z codes).** If multiple codes are observed, codes indicating longer gestational age are prioritized over those indicating shorter gestational age. We assumed the approximate mid-point of the specified gestational age [e.g., assumption of 263 days (37 weeks and 4 days) for 37 weeks gestation].
- (2) **Codes that indicate preterm delivery without specifying weeks of gestation.** If multiple codes are observed, codes with more specificity (e.g., preterm delivery, 2nd trimester of pregnancy or 'extreme immaturity') are prioritized over those with less specificity (e.g., preterm newborn, unspecified weeks of gestation). Further, codes indicating longer gestational age are prioritized over those indicating shorter gestational age.
- (3) **Codes that indicate postterm delivery without specifying weeks of gestation.** If multiple codes are observed, codes indicating longer gestational age are prioritized over those indicating shorter gestational age.

If no codes for preterm or postterm delivery are observed, then the default assumption for gestational age is 273 days. However, this assumption is user specified and can be modified.

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

Code	Description	Code Type	Code Category
Attention Deficit/Hyperactivity Disorder (ADHD)			
314.00	Attention deficit disorder of childhood without mention of hyperactivity	ICD-9-CM	Diagnosis
314.01	Attention deficit disorder of childhood with hyperactivity	ICD-9-CM	Diagnosis
314.1	Hyperkinesis of childhood with developmental delay	ICD-9-CM	Diagnosis
314.2	Hyperkinetic conduct disorder of childhood	ICD-9-CM	Diagnosis
314.8	Other specified manifestations of hyperkinetic syndrome of childhood	ICD-9-CM	Diagnosis
314.9	Unspecified hyperkinetic syndrome of childhood	ICD-9-CM	Diagnosis
F90	Attention-deficit hyperactivity disorders	ICD-10-CM	Diagnosis
F90.0	Attention-deficit hyperactivity disorder, predominantly inattentive type	ICD-10-CM	Diagnosis
F90.1	Attention-deficit hyperactivity disorder, predominantly hyperactive type	ICD-10-CM	Diagnosis
F90.2	Attention-deficit hyperactivity disorder, combined type	ICD-10-CM	Diagnosis
F90.8	Attention-deficit hyperactivity disorder, other type	ICD-10-CM	Diagnosis
F90.9	Attention-deficit hyperactivity disorder, unspecified type	ICD-10-CM	Diagnosis
Alcohol Abuse or Dependence			
94.46	Alcoholism counseling	ICD-9-CM	Procedure
94.53	Referral for alcoholism rehabilitation	ICD-9-CM	Procedure
94.6	Alcohol and drug rehabilitation and detoxification	ICD-9-CM	Procedure
94.61	Alcohol rehabilitation	ICD-9-CM	Procedure
94.62	Alcohol detoxification	ICD-9-CM	Procedure
94.63	Alcohol rehabilitation and detoxification	ICD-9-CM	Procedure
94.67	Combined alcohol and drug rehabilitation	ICD-9-CM	Procedure
94.68	Combined alcohol and drug detoxification	ICD-9-CM	Procedure
94.69	Combined alcohol and drug rehabilitation and detoxification	ICD-9-CM	Procedure
291.0	Alcohol withdrawal delirium	ICD-9-CM	Diagnosis
291	Alcohol-induced mental disorders	ICD-9-CM	Diagnosis
291.1	Alcohol-induced persisting amnestic disorder	ICD-9-CM	Diagnosis
291.2	Alcohol-induced persisting dementia	ICD-9-CM	Diagnosis
291.3	Alcohol-induced psychotic disorder with hallucinations	ICD-9-CM	Diagnosis
291.4	Idiosyncratic alcohol intoxication	ICD-9-CM	Diagnosis
291.5	Alcohol-induced psychotic disorder with delusions	ICD-9-CM	Diagnosis
291.8	Other specified alcohol-induced mental disorders	ICD-9-CM	Diagnosis
291.81	Alcohol withdrawal	ICD-9-CM	Diagnosis
291.82	Alcohol induced sleep disorders	ICD-9-CM	Diagnosis
291.89	Other specified alcohol-induced mental disorders	ICD-9-CM	Diagnosis
291.9	Unspecified alcohol-induced mental disorders	ICD-9-CM	Diagnosis
303.0	Acute alcoholic intoxication	ICD-9-CM	Diagnosis
303.00	Acute alcoholic intoxication, unspecified	ICD-9-CM	Diagnosis
303	Alcohol dependence syndrome	ICD-9-CM	Diagnosis
303.01	Acute alcoholic intoxication, continuous	ICD-9-CM	Diagnosis
303.02	Acute alcoholic intoxication, episodic	ICD-9-CM	Diagnosis
303.03	Acute alcoholic intoxication, in remission	ICD-9-CM	Diagnosis

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

Code	Description	Code Type	Code Category
303.9	Other and unspecified alcohol dependence	ICD-9-CM	Diagnosis
303.90	Other and unspecified alcohol dependence, unspecified	ICD-9-CM	Diagnosis
303.91	Other and unspecified alcohol dependence, continuous	ICD-9-CM	Diagnosis
303.92	Other and unspecified alcohol dependence, episodic	ICD-9-CM	Diagnosis
303.93	Other and unspecified alcohol dependence, in remission	ICD-9-CM	Diagnosis
305.0	Nondependent alcohol abuse	ICD-9-CM	Diagnosis
305.00	Nondependent alcohol abuse, unspecified	ICD-9-CM	Diagnosis
305.01	Nondependent alcohol abuse, continuous	ICD-9-CM	Diagnosis
305.02	Nondependent alcohol abuse, episodic	ICD-9-CM	Diagnosis
305.03	Nondependent alcohol abuse, in remission	ICD-9-CM	Diagnosis
357.5	Alcoholic polyneuropathy	ICD-9-CM	Diagnosis
425.5	Alcoholic cardiomyopathy	ICD-9-CM	Diagnosis
535.3	Alcoholic gastritis	ICD-9-CM	Diagnosis
535.30	Alcoholic gastritis without mention of hemorrhage	ICD-9-CM	Diagnosis
535.31	Alcoholic gastritis with hemorrhage	ICD-9-CM	Diagnosis
571.0	Alcoholic fatty liver	ICD-9-CM	Diagnosis
571.1	Acute alcoholic hepatitis	ICD-9-CM	Diagnosis
571.2	Alcoholic cirrhosis of liver	ICD-9-CM	Diagnosis
571.3	Unspecified alcoholic liver damage	ICD-9-CM	Diagnosis
977.3	Poisoning by alcohol deterrents	ICD-9-CM	Diagnosis
980	Toxic effect of alcohol	ICD-9-CM	Diagnosis
980.0	Toxic effect of ethyl alcohol	ICD-9-CM	Diagnosis
980.1	Toxic effect of methyl alcohol	ICD-9-CM	Diagnosis
980.2	Toxic effect of isopropyl alcohol	ICD-9-CM	Diagnosis
980.8	Toxic effect of other specified alcohols	ICD-9-CM	Diagnosis
980.9	Toxic effect of unspecified alcohol	ICD-9-CM	Diagnosis
E860	Accidental poisoning by alcohol, not elsewhere classified	ICD-9-CM	Diagnosis
E860.0	Accidental poisoning by alcoholic beverages	ICD-9-CM	Diagnosis
E860.1	Accidental poisoning by other and unspecified ethyl alcohol and its products	ICD-9-CM	Diagnosis
E860.2	Accidental poisoning by methyl alcohol	ICD-9-CM	Diagnosis
E860.3	Accidental poisoning by isopropyl alcohol	ICD-9-CM	Diagnosis
E860.8	Accidental poisoning by other specified alcohols	ICD-9-CM	Diagnosis
E860.9	Accidental poisoning by unspecified alcohol	ICD-9-CM	Diagnosis
E947.3	Alcohol deterrents causing adverse effect in therapeutic use	ICD-9-CM	Diagnosis
F10.10	Alcohol abuse, uncomplicated	ICD-10-CM	Diagnosis
F10.11	Alcohol abuse, in remission	ICD-10-CM	Diagnosis
F10.120	Alcohol abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F10.121	Alcohol abuse with intoxication delirium	ICD-10-CM	Diagnosis
F10.129	Alcohol abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F10.14	Alcohol abuse with alcohol-induced mood disorder	ICD-10-CM	Diagnosis
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	ICD-10-CM	Diagnosis
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	ICD-10-CM	Diagnosis
F10.182	Alcohol abuse with alcohol-induced sleep disorder	ICD-10-CM	Diagnosis
F10.188	Alcohol abuse with other alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.20	Alcohol dependence, uncomplicated	ICD-10-CM	Diagnosis
F10.21	Alcohol dependence, in remission	ICD-10-CM	Diagnosis
F10.220	Alcohol dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F10.221	Alcohol dependence with intoxication delirium	ICD-10-CM	Diagnosis
F10.229	Alcohol dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F10.230	Alcohol dependence with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F10.231	Alcohol dependence with withdrawal delirium	ICD-10-CM	Diagnosis
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F10.239	Alcohol dependence with withdrawal, unspecified	ICD-10-CM	Diagnosis
F10.24	Alcohol dependence with alcohol-induced mood disorder	ICD-10-CM	Diagnosis
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F10.26	Alcohol dependence with alcohol-induced persisting amnestic disorder	ICD-10-CM	Diagnosis
F10.27	Alcohol dependence with alcohol-induced persisting dementia	ICD-10-CM	Diagnosis
F10.280	Alcohol dependence with alcohol-induced anxiety disorder	ICD-10-CM	Diagnosis
F10.281	Alcohol dependence with alcohol-induced sexual dysfunction	ICD-10-CM	Diagnosis
F10.282	Alcohol dependence with alcohol-induced sleep disorder	ICD-10-CM	Diagnosis
F10.288	Alcohol dependence with other alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.29	Alcohol dependence with unspecified alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.920	Alcohol use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F10.921	Alcohol use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F10.929	Alcohol use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F10.94	Alcohol use, unspecified with alcohol-induced mood disorder	ICD-10-CM	Diagnosis
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnestic disorder	ICD-10-CM	Diagnosis
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	ICD-10-CM	Diagnosis
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	ICD-10-CM	Diagnosis
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	ICD-10-CM	Diagnosis
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	ICD-10-CM	Diagnosis
G62.1	Alcoholic polyneuropathy	ICD-10-CM	Diagnosis
I42.6	Alcoholic cardiomyopathy	ICD-10-CM	Diagnosis
K29.20	Alcoholic gastritis without bleeding	ICD-10-CM	Diagnosis
K29.21	Alcoholic gastritis with bleeding	ICD-10-CM	Diagnosis
K70.0	Alcoholic fatty liver	ICD-10-CM	Diagnosis
K70.10	Alcoholic hepatitis without ascites	ICD-10-CM	Diagnosis
K70.11	Alcoholic hepatitis with ascites	ICD-10-CM	Diagnosis
K70.2	Alcoholic fibrosis and sclerosis of liver	ICD-10-CM	Diagnosis
K70.30	Alcoholic cirrhosis of liver without ascites	ICD-10-CM	Diagnosis
K70.31	Alcoholic cirrhosis of liver with ascites	ICD-10-CM	Diagnosis
K70.40	Alcoholic hepatic failure without coma	ICD-10-CM	Diagnosis
K70.41	Alcoholic hepatic failure with coma	ICD-10-CM	Diagnosis
K70.9	Alcoholic liver disease, unspecified	ICD-10-CM	Diagnosis
K74.69	Other cirrhosis of liver	ICD-10-CM	Diagnosis
T51.0X1A	Toxic effect of ethanol, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T51.0X1D	Toxic effect of ethanol, accidental (unintentional), subsequent encounter	ICD-10-CM	Diagnosis
T51.0X1S	Toxic effect of ethanol, accidental (unintentional), sequela	ICD-10-CM	Diagnosis
T51.0X2A	Toxic effect of ethanol, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T51.0X2D	Toxic effect of ethanol, intentional self-harm, subsequent encounter	ICD-10-CM	Diagnosis
T51.0X2S	Toxic effect of ethanol, intentional self-harm, sequela	ICD-10-CM	Diagnosis
T51.0X3A	Toxic effect of ethanol, assault, initial encounter	ICD-10-CM	Diagnosis
T51.0X3D	Toxic effect of ethanol, assault, subsequent encounter	ICD-10-CM	Diagnosis
T51.0X3S	Toxic effect of ethanol, assault, sequela	ICD-10-CM	Diagnosis
T51.0X4A	Toxic effect of ethanol, undetermined, initial encounter	ICD-10-CM	Diagnosis
T51.0X4D	Toxic effect of ethanol, undetermined, subsequent encounter	ICD-10-CM	Diagnosis
T51.0X4S	Toxic effect of ethanol, undetermined, sequela	ICD-10-CM	Diagnosis
T51.1X1A	Toxic effect of methanol, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T51.1X2A	Toxic effect of methanol, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T51.1X3A	Toxic effect of methanol, assault, initial encounter	ICD-10-CM	Diagnosis
T51.1X4A	Toxic effect of methanol, undetermined, initial encounter	ICD-10-CM	Diagnosis
T51.2X1A	Toxic effect of 2-Propanol, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T51.2X2A	Toxic effect of 2-Propanol, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T51.2X3A	Toxic effect of 2-Propanol, assault, initial encounter	ICD-10-CM	Diagnosis
T51.2X4A	Toxic effect of 2-Propanol, undetermined, initial encounter	ICD-10-CM	Diagnosis
T51.8X1A	Toxic effect of other alcohols, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T51.8X2A	Toxic effect of other alcohols, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T51.8X3A	Toxic effect of other alcohols, assault, initial encounter	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
T51.8X4A	Toxic effect of other alcohols, undetermined, initial encounter	ICD-10-CM	Diagnosis
T51.91XA	Toxic effect of unspecified alcohol, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T51.92XA	Toxic effect of unspecified alcohol, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T51.93XA	Toxic effect of unspecified alcohol, assault, initial encounter	ICD-10-CM	Diagnosis
T51.94XA	Toxic effect of unspecified alcohol, undetermined, initial encounter	ICD-10-CM	Diagnosis
V11.3	Personal history of alcoholism	ICD-9-CM	Diagnosis
Z65.8	Other specified problems related to psychosocial circumstances	ICD-10-CM	Diagnosis
Z71.41	Alcohol abuse counseling and surveillance of alcoholic	ICD-10-CM	Diagnosis
Alcohol Use			
760.71	Noxious influences affecting fetus or newborn via placenta or breast milk, alcohol	ICD-9-CM	Diagnosis
790.3	Excessive blood level of alcohol	ICD-9-CM	Diagnosis
O99.31	Alcohol use complicating pregnancy, childbirth, and the puerperium	ICD-10-CM	Diagnosis
O99.310	Alcohol use complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O99.311	Alcohol use complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O99.312	Alcohol use complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O99.313	Alcohol use complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O99.314	Alcohol use complicating childbirth	ICD-10-CM	Diagnosis
O99.315	Alcohol use complicating the puerperium	ICD-10-CM	Diagnosis
P04.3	Newborn affected by maternal use of alcohol	ICD-10-CM	Diagnosis
Q86.0	Fetal alcohol syndrome (dysmorphic)	ICD-10-CM	Diagnosis
R78.0	Finding of alcohol in blood	ICD-10-CM	Diagnosis
All Other Psychiatric and Neurological Conditions			
290.0	Senile dementia, uncomplicated	ICD-9-CM	Diagnosis
290.10	Presenile dementia, uncomplicated	ICD-9-CM	Diagnosis
290.11	Presenile dementia with delirium	ICD-9-CM	Diagnosis
290.12	Presenile dementia with delusional features	ICD-9-CM	Diagnosis
290.13	Presenile dementia with depressive features	ICD-9-CM	Diagnosis
290.20	Senile dementia with delusional features	ICD-9-CM	Diagnosis
290.21	Senile dementia with depressive features	ICD-9-CM	Diagnosis
290.3	Senile dementia with delirium	ICD-9-CM	Diagnosis
290.40	Vascular dementia, uncomplicated	ICD-9-CM	Diagnosis
290.41	Vascular dementia, with delirium	ICD-9-CM	Diagnosis
290.42	Vascular dementia, with delusions	ICD-9-CM	Diagnosis
290.43	Vascular dementia, with depressed mood	ICD-9-CM	Diagnosis
290.8	Other specified senile psychotic conditions	ICD-9-CM	Diagnosis
290.9	Unspecified senile psychotic condition	ICD-9-CM	Diagnosis
291.0	Alcohol withdrawal delirium	ICD-9-CM	Diagnosis
291.1	Alcohol-induced persisting amnestic disorder	ICD-9-CM	Diagnosis
291.2	Alcohol-induced persisting dementia	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
291.3	Alcohol-induced psychotic disorder with hallucinations	ICD-9-CM	Diagnosis
291.4	Idiosyncratic alcohol intoxication	ICD-9-CM	Diagnosis
291.5	Alcohol-induced psychotic disorder with delusions	ICD-9-CM	Diagnosis
291.81	Alcohol withdrawal	ICD-9-CM	Diagnosis
291.82	Alcohol induced sleep disorders	ICD-9-CM	Diagnosis
291.89	Other specified alcohol-induced mental disorders	ICD-9-CM	Diagnosis
291.9	Unspecified alcohol-induced mental disorders	ICD-9-CM	Diagnosis
292.0	Drug withdrawal	ICD-9-CM	Diagnosis
292.11	Drug-induced psychotic disorder with delusions	ICD-9-CM	Diagnosis
292.12	Drug-induced psychotic disorder with hallucinations	ICD-9-CM	Diagnosis
292.2	Pathological drug intoxication	ICD-9-CM	Diagnosis
292.81	Drug-induced delirium	ICD-9-CM	Diagnosis
292.82	Drug-induced persisting dementia	ICD-9-CM	Diagnosis
292.83	Drug-induced persisting amnestic disorder	ICD-9-CM	Diagnosis
292.84	Drug-induced mood disorder	ICD-9-CM	Diagnosis
292.85	Drug induced sleep disorders	ICD-9-CM	Diagnosis
292.89	Other specified drug-induced mental disorder	ICD-9-CM	Diagnosis
292.9	Unspecified drug-induced mental disorder	ICD-9-CM	Diagnosis
293.0	Delirium due to conditions classified elsewhere	ICD-9-CM	Diagnosis
293.1	Subacute delirium	ICD-9-CM	Diagnosis
293.81	Psychotic disorder with delusions in conditions classified elsewhere	ICD-9-CM	Diagnosis
293.82	Psychotic disorder with hallucinations in conditions classified elsewhere	ICD-9-CM	Diagnosis
293.83	Mood disorder in conditions classified elsewhere	ICD-9-CM	Diagnosis
293.89	Other transient mental disorders due to conditions classified elsewhere	ICD-9-CM	Diagnosis
293.9	Unspecified transient mental disorder in conditions classified elsewhere	ICD-9-CM	Diagnosis
294.0	Amnestic disorder in conditions classified elsewhere	ICD-9-CM	Diagnosis
294.10	Dementia in conditions classified elsewhere without behavioral disturbance	ICD-9-CM	Diagnosis
294.11	Dementia in conditions classified elsewhere with behavioral disturbance	ICD-9-CM	Diagnosis
294.20	Dementia, unspecified, without behavioral disturbance	ICD-9-CM	Diagnosis
294.21	Dementia, unspecified, with behavioral disturbance	ICD-9-CM	Diagnosis
294.8	Other persistent mental disorders due to conditions classified elsewhere	ICD-9-CM	Diagnosis
294.9	Unspecified persistent mental disorders due to conditions classified elsewhere	ICD-9-CM	Diagnosis
295.00	Simple schizophrenia, unspecified condition	ICD-9-CM	Diagnosis
295.01	Simple schizophrenia, subchronic condition	ICD-9-CM	Diagnosis
295.02	Simple schizophrenia, chronic condition	ICD-9-CM	Diagnosis
295.03	Simple schizophrenia, subchronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.04	Simple schizophrenia, chronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.05	Simple schizophrenia, in remission	ICD-9-CM	Diagnosis
295.10	Disorganized schizophrenia, unspecified condition	ICD-9-CM	Diagnosis
295.11	Disorganized schizophrenia, subchronic condition	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
295.12	Disorganized schizophrenia, chronic condition	ICD-9-CM	Diagnosis
295.13	Disorganized schizophrenia, subchronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.14	Disorganized schizophrenia, chronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.15	Disorganized schizophrenia, in remission	ICD-9-CM	Diagnosis
295.20	Catatonic schizophrenia, unspecified condition	ICD-9-CM	Diagnosis
295.21	Catatonic schizophrenia, subchronic condition	ICD-9-CM	Diagnosis
295.22	Catatonic schizophrenia, chronic condition	ICD-9-CM	Diagnosis
295.23	Catatonic schizophrenia, subchronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.24	Catatonic schizophrenia, chronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.25	Catatonic schizophrenia, in remission	ICD-9-CM	Diagnosis
295.30	Paranoid schizophrenia, unspecified condition	ICD-9-CM	Diagnosis
295.31	Paranoid schizophrenia, subchronic condition	ICD-9-CM	Diagnosis
295.32	Paranoid schizophrenia, chronic condition	ICD-9-CM	Diagnosis
295.33	Paranoid schizophrenia, subchronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.34	Paranoid schizophrenia, chronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.35	Paranoid schizophrenia, in remission	ICD-9-CM	Diagnosis
295.40	Schizophreniform disorder, unspecified	ICD-9-CM	Diagnosis
295.41	Schizophreniform disorder, subchronic	ICD-9-CM	Diagnosis
295.42	Schizophreniform disorder, chronic	ICD-9-CM	Diagnosis
295.43	Schizophreniform disorder, subchronic with acute exacerbation	ICD-9-CM	Diagnosis
295.44	Schizophreniform disorder, chronic with acute exacerbation	ICD-9-CM	Diagnosis
295.45	Schizophreniform disorder, in remission	ICD-9-CM	Diagnosis
295.50	Latent schizophrenia, unspecified condition	ICD-9-CM	Diagnosis
295.51	Latent schizophrenia, subchronic condition	ICD-9-CM	Diagnosis
295.52	Latent schizophrenia, chronic condition	ICD-9-CM	Diagnosis
295.53	Latent schizophrenia, subchronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.54	Latent schizophrenia, chronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.55	Latent schizophrenia, in remission	ICD-9-CM	Diagnosis
295.60	Schizophrenic disorders, residual type, unspecified	ICD-9-CM	Diagnosis
295.61	Schizophrenic disorders, residual type, subchronic	ICD-9-CM	Diagnosis
295.62	Schizophrenic disorders, residual type, chronic	ICD-9-CM	Diagnosis
295.63	Schizophrenic disorders, residual type, subchronic with acute exacerbation	ICD-9-CM	Diagnosis
295.64	Schizophrenic disorders, residual type, chronic with acute exacerbation	ICD-9-CM	Diagnosis
295.65	Schizophrenic disorders, residual type, in remission	ICD-9-CM	Diagnosis
295.70	Schizoaffective disorder, unspecified	ICD-9-CM	Diagnosis
295.71	Schizoaffective disorder, subchronic	ICD-9-CM	Diagnosis
295.72	Schizoaffective disorder, chronic	ICD-9-CM	Diagnosis
295.73	Schizoaffective disorder, subchronic with acute exacerbation	ICD-9-CM	Diagnosis
295.74	Schizoaffective disorder, chronic with acute exacerbation	ICD-9-CM	Diagnosis
295.75	Schizoaffective disorder, in remission	ICD-9-CM	Diagnosis
295.80	Other specified types of schizophrenia, unspecified condition	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
295.81	Other specified types of schizophrenia, subchronic condition	ICD-9-CM	Diagnosis
295.82	Other specified types of schizophrenia, chronic condition	ICD-9-CM	Diagnosis
295.83	Other specified types of schizophrenia, subchronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.84	Other specified types of schizophrenia, chronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.85	Other specified types of schizophrenia, in remission	ICD-9-CM	Diagnosis
295.90	Unspecified schizophrenia, unspecified condition	ICD-9-CM	Diagnosis
295.91	Unspecified schizophrenia, subchronic condition	ICD-9-CM	Diagnosis
295.92	Unspecified schizophrenia, chronic condition	ICD-9-CM	Diagnosis
295.93	Unspecified schizophrenia, subchronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.94	Unspecified schizophrenia, chronic condition with acute exacerbation	ICD-9-CM	Diagnosis
295.95	Unspecified schizophrenia, in remission	ICD-9-CM	Diagnosis
296.00	Bipolar I disorder, single manic episode, unspecified	ICD-9-CM	Diagnosis
296.01	Bipolar I disorder, single manic episode, mild	ICD-9-CM	Diagnosis
296.02	Bipolar I disorder, single manic episode, moderate	ICD-9-CM	Diagnosis
296.03	Bipolar I disorder, single manic episode, severe, without mention of psychotic behavior	ICD-9-CM	Diagnosis
296.04	Bipolar I disorder, single manic episode, severe, specified as with psychotic behavior	ICD-9-CM	Diagnosis
296.05	Bipolar I disorder, single manic episode, in partial or unspecified remission	ICD-9-CM	Diagnosis
296.06	Bipolar I disorder, single manic episode, in full remission	ICD-9-CM	Diagnosis
296.10	Manic disorder, recurrent episode, unspecified	ICD-9-CM	Diagnosis
296.11	Manic disorder, recurrent episode, mild	ICD-9-CM	Diagnosis
296.12	Manic disorder, recurrent episode, moderate	ICD-9-CM	Diagnosis
296.13	Manic disorder, recurrent episode, severe, without mention of psychotic behavior	ICD-9-CM	Diagnosis
296.14	Manic disorder, recurrent episode, severe, specified as with psychotic behavior	ICD-9-CM	Diagnosis
296.15	Manic disorder, recurrent episode, in partial or unspecified remission	ICD-9-CM	Diagnosis
296.16	Manic disorder, recurrent episode, in full remission	ICD-9-CM	Diagnosis
296.40	Bipolar I disorder, most recent episode (or current) manic, unspecified	ICD-9-CM	Diagnosis
296.41	Bipolar I disorder, most recent episode (or current) manic, mild	ICD-9-CM	Diagnosis
296.42	Bipolar I disorder, most recent episode (or current) manic, moderate	ICD-9-CM	Diagnosis
296.43	Bipolar I disorder, most recent episode (or current) manic, severe, without mention of psychotic behavior	ICD-9-CM	Diagnosis
296.44	Bipolar I disorder, most recent episode (or current) manic, severe, specified as with psychotic behavior	ICD-9-CM	Diagnosis
296.45	Bipolar I disorder, most recent episode (or current) manic, in partial or unspecified remission	ICD-9-CM	Diagnosis
296.46	Bipolar I disorder, most recent episode (or current) manic, in full remission	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
296.7	Bipolar I disorder, most recent episode (or current) unspecified	ICD-9-CM	Diagnosis
296.80	Bipolar disorder, unspecified	ICD-9-CM	Diagnosis
296.81	Atypical manic disorder	ICD-9-CM	Diagnosis
296.82	Atypical depressive disorder	ICD-9-CM	Diagnosis
296.90	Unspecified episodic mood disorder	ICD-9-CM	Diagnosis
296.99	Other specified episodic mood disorder	ICD-9-CM	Diagnosis
297.0	Paranoid state, simple	ICD-9-CM	Diagnosis
297.1	Delusional disorder	ICD-9-CM	Diagnosis
297.2	Paraphrenia	ICD-9-CM	Diagnosis
297.3	Shared psychotic disorder	ICD-9-CM	Diagnosis
297.8	Other specified paranoid states	ICD-9-CM	Diagnosis
297.9	Unspecified paranoid state	ICD-9-CM	Diagnosis
298.1	Excitatory type psychosis	ICD-9-CM	Diagnosis
298.2	Reactive confusion	ICD-9-CM	Diagnosis
298.3	Acute paranoid reaction	ICD-9-CM	Diagnosis
298.4	Psychogenic paranoid psychosis	ICD-9-CM	Diagnosis
298.8	Other and unspecified reactive psychosis	ICD-9-CM	Diagnosis
298.9	Unspecified psychosis	ICD-9-CM	Diagnosis
299.00	Autistic disorder, current or active state	ICD-9-CM	Diagnosis
299.01	Autistic disorder, residual state	ICD-9-CM	Diagnosis
299.10	Childhood disintegrative disorder, current or active state	ICD-9-CM	Diagnosis
299.11	Childhood disintegrative disorder, residual state	ICD-9-CM	Diagnosis
299.80	Other specified pervasive developmental disorders, current or active state	ICD-9-CM	Diagnosis
299.81	Other specified pervasive developmental disorders, residual state	ICD-9-CM	Diagnosis
299.90	Unspecified pervasive developmental disorder, current or active state	ICD-9-CM	Diagnosis
299.91	Unspecified pervasive developmental disorder, residual state	ICD-9-CM	Diagnosis
300.11	Conversion disorder	ICD-9-CM	Diagnosis
300.12	Dissociative amnesia	ICD-9-CM	Diagnosis
300.13	Dissociative fugue	ICD-9-CM	Diagnosis
300.14	Dissociative identity disorder	ICD-9-CM	Diagnosis
300.15	Dissociative disorder or reaction, unspecified	ICD-9-CM	Diagnosis
300.16	Factitious disorder with predominantly psychological signs and symptoms	ICD-9-CM	Diagnosis
300.19	Other and unspecified factitious illness	ICD-9-CM	Diagnosis
300.6	Depersonalization disorder	ICD-9-CM	Diagnosis
300.7	Hypochondriasis	ICD-9-CM	Diagnosis
300.81	Somatization disorder	ICD-9-CM	Diagnosis
300.82	Undifferentiated somatoform disorder	ICD-9-CM	Diagnosis
301.0	Paranoid personality disorder	ICD-9-CM	Diagnosis
301.10	Affective personality disorder, unspecified	ICD-9-CM	Diagnosis
301.11	Chronic hypomanic personality disorder	ICD-9-CM	Diagnosis
301.12	Chronic depressive personality disorder	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
301.13	Cyclothymic disorder	ICD-9-CM	Diagnosis
301.20	Schizoid personality disorder, unspecified	ICD-9-CM	Diagnosis
301.21	Introverted personality	ICD-9-CM	Diagnosis
301.22	Schizotypal personality disorder	ICD-9-CM	Diagnosis
301.3	Explosive personality disorder	ICD-9-CM	Diagnosis
301.4	Obsessive-compulsive personality disorder	ICD-9-CM	Diagnosis
301.50	Histrionic personality disorder, unspecified	ICD-9-CM	Diagnosis
301.51	Chronic factitious illness with physical symptoms	ICD-9-CM	Diagnosis
301.59	Other histrionic personality disorder	ICD-9-CM	Diagnosis
301.6	Dependent personality disorder	ICD-9-CM	Diagnosis
301.7	Antisocial personality disorder	ICD-9-CM	Diagnosis
301.81	Narcissistic personality disorder	ICD-9-CM	Diagnosis
301.82	Avoidant personality disorder	ICD-9-CM	Diagnosis
301.83	Borderline personality disorder	ICD-9-CM	Diagnosis
301.84	Passive-aggressive personality	ICD-9-CM	Diagnosis
301.89	Other personality disorder	ICD-9-CM	Diagnosis
301.9	Unspecified personality disorder	ICD-9-CM	Diagnosis
302.0	Ego-dystonic sexual orientation	ICD-9-CM	Diagnosis
302.1	Zoophilia	ICD-9-CM	Diagnosis
302.2	Pedophilia	ICD-9-CM	Diagnosis
302.3	Transvestic fetishism	ICD-9-CM	Diagnosis
302.4	Exhibitionism	ICD-9-CM	Diagnosis
302.50	Trans-sexualism with unspecified sexual history	ICD-9-CM	Diagnosis
302.51	Trans-sexualism with asexual history	ICD-9-CM	Diagnosis
302.52	Trans-sexualism with homosexual history	ICD-9-CM	Diagnosis
302.53	Trans-sexualism with heterosexual history	ICD-9-CM	Diagnosis
302.6	Gender identity disorder in children	ICD-9-CM	Diagnosis
302.70	Psychosexual dysfunction, unspecified	ICD-9-CM	Diagnosis
302.71	Hypoactive sexual desire disorder	ICD-9-CM	Diagnosis
302.72	Psychosexual dysfunction with inhibited sexual excitement	ICD-9-CM	Diagnosis
302.73	Female orgasmic disorder	ICD-9-CM	Diagnosis
302.74	Male orgasmic disorder	ICD-9-CM	Diagnosis
302.75	Premature ejaculation	ICD-9-CM	Diagnosis
302.76	Dyspareunia, psychogenic	ICD-9-CM	Diagnosis
302.79	Psychosexual dysfunction with other specified psychosexual dysfunctions	ICD-9-CM	Diagnosis
302.81	Fetishism	ICD-9-CM	Diagnosis
302.82	Voyeurism	ICD-9-CM	Diagnosis
302.83	Sexual masochism	ICD-9-CM	Diagnosis
302.84	Sexual sadism	ICD-9-CM	Diagnosis
302.85	Gender identity disorder in adolescents or adults	ICD-9-CM	Diagnosis
302.89	Other specified psychosexual disorder	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
302.9	Unspecified psychosexual disorder	ICD-9-CM	Diagnosis
303.00	Acute alcoholic intoxication, unspecified	ICD-9-CM	Diagnosis
303.01	Acute alcoholic intoxication, continuous	ICD-9-CM	Diagnosis
303.02	Acute alcoholic intoxication, episodic	ICD-9-CM	Diagnosis
303.03	Acute alcoholic intoxication, in remission	ICD-9-CM	Diagnosis
303.90	Other and unspecified alcohol dependence, unspecified	ICD-9-CM	Diagnosis
303.91	Other and unspecified alcohol dependence, continuous	ICD-9-CM	Diagnosis
303.92	Other and unspecified alcohol dependence, episodic	ICD-9-CM	Diagnosis
303.93	Other and unspecified alcohol dependence, in remission	ICD-9-CM	Diagnosis
304.00	Opioid type dependence, unspecified	ICD-9-CM	Diagnosis
304.01	Opioid type dependence, continuous	ICD-9-CM	Diagnosis
304.02	Opioid type dependence, episodic	ICD-9-CM	Diagnosis
304.03	Opioid type dependence, in remission	ICD-9-CM	Diagnosis
304.10	Sedative, hypnotic or anxiolytic dependence, unspecified	ICD-9-CM	Diagnosis
304.11	Sedative, hypnotic or anxiolytic dependence, continuous	ICD-9-CM	Diagnosis
304.12	Sedative, hypnotic or anxiolytic dependence, episodic	ICD-9-CM	Diagnosis
304.13	Sedative, hypnotic or anxiolytic dependence, in remission	ICD-9-CM	Diagnosis
304.20	Cocaine dependence, unspecified	ICD-9-CM	Diagnosis
304.21	Cocaine dependence, continuous	ICD-9-CM	Diagnosis
304.22	Cocaine dependence, episodic	ICD-9-CM	Diagnosis
304.23	Cocaine dependence, in remission	ICD-9-CM	Diagnosis
304.30	Cannabis dependence, unspecified	ICD-9-CM	Diagnosis
304.31	Cannabis dependence, continuous	ICD-9-CM	Diagnosis
304.32	Cannabis dependence, episodic	ICD-9-CM	Diagnosis
304.33	Cannabis dependence, in remission	ICD-9-CM	Diagnosis
304.40	Amphetamine and other psychostimulant dependence, unspecified	ICD-9-CM	Diagnosis
304.41	Amphetamine and other psychostimulant dependence, continuous	ICD-9-CM	Diagnosis
304.42	Amphetamine and other psychostimulant dependence, episodic	ICD-9-CM	Diagnosis
304.43	Amphetamine and other psychostimulant dependence, in remission	ICD-9-CM	Diagnosis
304.50	Hallucinogen dependence, unspecified	ICD-9-CM	Diagnosis
304.51	Hallucinogen dependence, continuous	ICD-9-CM	Diagnosis
304.52	Hallucinogen dependence, episodic	ICD-9-CM	Diagnosis
304.53	Hallucinogen dependence, in remission	ICD-9-CM	Diagnosis
304.60	Other specified drug dependence, unspecified	ICD-9-CM	Diagnosis
304.61	Other specified drug dependence, continuous	ICD-9-CM	Diagnosis
304.62	Other specified drug dependence, episodic	ICD-9-CM	Diagnosis
304.63	Other specified drug dependence, in remission	ICD-9-CM	Diagnosis
304.70	Combinations of opioid type drug with any other drug dependence, unspecified	ICD-9-CM	Diagnosis
304.71	Combinations of opioid type drug with any other drug dependence, continuous	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
304.72	Combinations of opioid type drug with any other drug dependence, episodic	ICD-9-CM	Diagnosis
304.73	Combinations of opioid type drug with any other drug dependence, in remission	ICD-9-CM	Diagnosis
304.80	Combinations of drug dependence excluding opioid type drug, unspecified	ICD-9-CM	Diagnosis
304.81	Combinations of drug dependence excluding opioid type drug, continuous	ICD-9-CM	Diagnosis
304.82	Combinations of drug dependence excluding opioid type drug, episodic	ICD-9-CM	Diagnosis
304.83	Combinations of drug dependence excluding opioid type drug, in remission	ICD-9-CM	Diagnosis
304.90	Unspecified drug dependence, unspecified	ICD-9-CM	Diagnosis
304.91	Unspecified drug dependence, continuous	ICD-9-CM	Diagnosis
304.92	Unspecified drug dependence, episodic	ICD-9-CM	Diagnosis
304.93	Unspecified drug dependence, in remission	ICD-9-CM	Diagnosis
305.00	Nondependent alcohol abuse, unspecified	ICD-9-CM	Diagnosis
305.01	Nondependent alcohol abuse, continuous	ICD-9-CM	Diagnosis
305.02	Nondependent alcohol abuse, episodic	ICD-9-CM	Diagnosis
305.03	Nondependent alcohol abuse, in remission	ICD-9-CM	Diagnosis
305.1	Nondependent tobacco use disorder	ICD-9-CM	Diagnosis
305.20	Nondependent cannabis abuse, unspecified	ICD-9-CM	Diagnosis
305.21	Nondependent cannabis abuse, continuous	ICD-9-CM	Diagnosis
305.22	Nondependent cannabis abuse, episodic	ICD-9-CM	Diagnosis
305.23	Nondependent cannabis abuse, in remission	ICD-9-CM	Diagnosis
305.30	Nondependent hallucinogen abuse, unspecified	ICD-9-CM	Diagnosis
305.31	Nondependent hallucinogen abuse, continuous	ICD-9-CM	Diagnosis
305.32	Nondependent hallucinogen abuse, episodic	ICD-9-CM	Diagnosis
305.33	Nondependent hallucinogen abuse, in remission	ICD-9-CM	Diagnosis
305.40	Nondependent sedative, hypnotic or anxiolytic abuse, unspecified	ICD-9-CM	Diagnosis
305.41	Nondependent sedative hypnotic or anxiolytic abuse, continuous	ICD-9-CM	Diagnosis
305.42	Nondependent sedative, hypnotic or anxiolytic abuse, episodic	ICD-9-CM	Diagnosis
305.43	Nondependent sedative, hypnotic or anxiolytic abuse, in remission	ICD-9-CM	Diagnosis
305.50	Nondependent opioid abuse, unspecified	ICD-9-CM	Diagnosis
305.51	Nondependent opioid abuse, continuous	ICD-9-CM	Diagnosis
305.52	Nondependent opioid abuse, episodic	ICD-9-CM	Diagnosis
305.53	Nondependent opioid abuse, in remission	ICD-9-CM	Diagnosis
305.60	Nondependent cocaine abuse, unspecified	ICD-9-CM	Diagnosis
305.61	Nondependent cocaine abuse, continuous	ICD-9-CM	Diagnosis
305.62	Nondependent cocaine abuse, episodic	ICD-9-CM	Diagnosis
305.63	Nondependent cocaine abuse, in remission	ICD-9-CM	Diagnosis
305.70	Nondependent amphetamine or related acting sympathomimetic abuse, unspecified	ICD-9-CM	Diagnosis
305.71	Nondependent amphetamine or related acting sympathomimetic abuse, continuous	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
305.72	Nondependent amphetamine or related acting sympathomimetic abuse, episodic	ICD-9-CM	Diagnosis
305.73	Nondependent amphetamine or related acting sympathomimetic abuse, in remission	ICD-9-CM	Diagnosis
305.80	Nondependent antidepressant type abuse, unspecified	ICD-9-CM	Diagnosis
305.81	Nondependent antidepressant type abuse, continuous	ICD-9-CM	Diagnosis
305.82	Nondependent antidepressant type abuse, episodic	ICD-9-CM	Diagnosis
305.83	Nondependent antidepressant type abuse, in remission	ICD-9-CM	Diagnosis
306.0	Musculoskeletal malfunction arising from mental factors	ICD-9-CM	Diagnosis
306.1	Respiratory malfunction arising from mental factors	ICD-9-CM	Diagnosis
306.2	Cardiovascular malfunction arising from mental factors	ICD-9-CM	Diagnosis
306.3	Skin malfunction arising from mental factors	ICD-9-CM	Diagnosis
306.4	Gastrointestinal malfunction arising from mental factors	ICD-9-CM	Diagnosis
306.50	Psychogenic genitourinary malfunction, unspecified	ICD-9-CM	Diagnosis
306.51	Psychogenic vaginismus	ICD-9-CM	Diagnosis
306.52	Psychogenic dysmenorrhea	ICD-9-CM	Diagnosis
306.53	Psychogenic dysuria	ICD-9-CM	Diagnosis
306.59	Other genitourinary malfunction arising from mental factors	ICD-9-CM	Diagnosis
306.6	Endocrine malfunction arising from mental factors	ICD-9-CM	Diagnosis
306.7	Malfunction of organs of special sense arising from mental factors	ICD-9-CM	Diagnosis
306.8	Other specified psychophysiological malfunction	ICD-9-CM	Diagnosis
306.9	Unspecified psychophysiological malfunction	ICD-9-CM	Diagnosis
307.0	Adult onset fluency disorder	ICD-9-CM	Diagnosis
307.1	Anorexia nervosa	ICD-9-CM	Diagnosis
307.20	Tic disorder, unspecified	ICD-9-CM	Diagnosis
307.21	Transient tic disorder	ICD-9-CM	Diagnosis
307.22	Chronic motor or vocal tic disorder	ICD-9-CM	Diagnosis
307.23	Tourette's disorder	ICD-9-CM	Diagnosis
307.3	Stereotypic movement disorder	ICD-9-CM	Diagnosis
307.40	Nonorganic sleep disorder, unspecified	ICD-9-CM	Diagnosis
307.41	Transient disorder of initiating or maintaining sleep	ICD-9-CM	Diagnosis
307.42	Persistent disorder of initiating or maintaining sleep	ICD-9-CM	Diagnosis
307.43	Transient disorder of initiating or maintaining wakefulness	ICD-9-CM	Diagnosis
307.44	Persistent disorder of initiating or maintaining wakefulness	ICD-9-CM	Diagnosis
307.45	Circadian rhythm sleep disorder of nonorganic origin	ICD-9-CM	Diagnosis
307.46	Sleep arousal disorder	ICD-9-CM	Diagnosis
307.47	Other dysfunctions of sleep stages or arousal from sleep	ICD-9-CM	Diagnosis
307.48	Repetitive intrusions of sleep	ICD-9-CM	Diagnosis
307.49	Other specific disorder of sleep of nonorganic origin	ICD-9-CM	Diagnosis
307.50	Eating disorder, unspecified	ICD-9-CM	Diagnosis
307.51	Bulimia nervosa	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
307.52	Pica	ICD-9-CM	Diagnosis
307.53	Rumination disorder	ICD-9-CM	Diagnosis
307.54	Psychogenic vomiting	ICD-9-CM	Diagnosis
307.59	Other disorder of eating	ICD-9-CM	Diagnosis
307.6	Enuresis	ICD-9-CM	Diagnosis
307.7	Encopresis	ICD-9-CM	Diagnosis
307.80	Psychogenic pain, site unspecified	ICD-9-CM	Diagnosis
307.89	Other pain disorder related to psychological factors	ICD-9-CM	Diagnosis
307.9	Other and unspecified special symptom or syndrome, not elsewhere classified	ICD-9-CM	Diagnosis
308.0	Predominant disturbance of emotions	ICD-9-CM	Diagnosis
309.1	Prolonged depressive reaction as adjustment reaction	ICD-9-CM	Diagnosis
309.21	Separation anxiety disorder	ICD-9-CM	Diagnosis
309.22	Emancipation disorder of adolescence and early adult life	ICD-9-CM	Diagnosis
309.23	Specific academic or work inhibition as adjustment reaction	ICD-9-CM	Diagnosis
309.24	Adjustment disorder with anxiety	ICD-9-CM	Diagnosis
309.29	Other adjustment reaction with predominant disturbance of other emotions	ICD-9-CM	Diagnosis
309.3	Adjustment disorder with disturbance of conduct	ICD-9-CM	Diagnosis
309.4	Adjustment disorder with mixed disturbance of emotions and conduct	ICD-9-CM	Diagnosis
309.81	Posttraumatic stress disorder	ICD-9-CM	Diagnosis
309.82	Adjustment reaction with physical symptoms	ICD-9-CM	Diagnosis
309.83	Adjustment reaction with withdrawal	ICD-9-CM	Diagnosis
309.89	Other specified adjustment reaction	ICD-9-CM	Diagnosis
309.9	Unspecified adjustment reaction	ICD-9-CM	Diagnosis
310.0	Frontal lobe syndrome	ICD-9-CM	Diagnosis
310.1	Personality change due to conditions classified elsewhere	ICD-9-CM	Diagnosis
310.2	Postconcussion syndrome	ICD-9-CM	Diagnosis
310.81	Pseudobulbar affect	ICD-9-CM	Diagnosis
310.89	Other specified nonpsychotic mental disorders following organic brain damage	ICD-9-CM	Diagnosis
310.9	Unspecified nonpsychotic mental disorder following organic brain damage	ICD-9-CM	Diagnosis
312.00	Undersocialized conduct disorder, aggressive type, unspecified	ICD-9-CM	Diagnosis
312.01	Undersocialized conduct disorder, aggressive type, mild	ICD-9-CM	Diagnosis
312.02	Undersocialized conduct disorder, aggressive type, moderate	ICD-9-CM	Diagnosis
312.03	Undersocialized conduct disorder, aggressive type, severe	ICD-9-CM	Diagnosis
312.10	Undersocialized conduct disorder, unaggressive type, unspecified	ICD-9-CM	Diagnosis
312.11	Undersocialized conduct disorder, unaggressive type, mild	ICD-9-CM	Diagnosis
312.12	Undersocialized conduct disorder, unaggressive type, moderate	ICD-9-CM	Diagnosis
312.13	Undersocialized conduct disorder, unaggressive type, severe	ICD-9-CM	Diagnosis
312.20	Socialized conduct disorder, unspecified	ICD-9-CM	Diagnosis
312.21	Socialized conduct disorder, mild	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
312.22	Socialized conduct disorder, moderate	ICD-9-CM	Diagnosis
312.23	Socialized conduct disorder, severe	ICD-9-CM	Diagnosis
312.30	Impulse control disorder, unspecified	ICD-9-CM	Diagnosis
312.31	Pathological gambling	ICD-9-CM	Diagnosis
312.32	Kleptomania	ICD-9-CM	Diagnosis
312.33	Pyromania	ICD-9-CM	Diagnosis
312.34	Intermittent explosive disorder	ICD-9-CM	Diagnosis
312.35	Isolated explosive disorder	ICD-9-CM	Diagnosis
312.39	Other disorder of impulse control	ICD-9-CM	Diagnosis
312.4	Mixed disturbance of conduct and emotions	ICD-9-CM	Diagnosis
312.81	Conduct disorder, childhood onset type	ICD-9-CM	Diagnosis
312.82	Conduct disorder, adolescent onset type	ICD-9-CM	Diagnosis
312.89	Other specified disturbance of conduct, not elsewhere classified	ICD-9-CM	Diagnosis
312.9	Unspecified disturbance of conduct	ICD-9-CM	Diagnosis
313.23	Selective mutism	ICD-9-CM	Diagnosis
313.81	Oppositional defiant disorder	ICD-9-CM	Diagnosis
313.89	Other emotional disturbance of childhood or adolescence	ICD-9-CM	Diagnosis
313.9	Unspecified emotional disturbance of childhood or adolescence	ICD-9-CM	Diagnosis
315.00	Developmental reading disorder, unspecified	ICD-9-CM	Diagnosis
315.02	Developmental dyslexia	ICD-9-CM	Diagnosis
315.09	Other specific developmental reading disorder	ICD-9-CM	Diagnosis
315.1	Mathematics disorder	ICD-9-CM	Diagnosis
315.2	Other specific developmental learning difficulties	ICD-9-CM	Diagnosis
315.31	Expressive language disorder	ICD-9-CM	Diagnosis
315.32	Mixed receptive-expressive language disorder	ICD-9-CM	Diagnosis
315.34	Speech and language developmental delay due to hearing loss	ICD-9-CM	Diagnosis
315.35	Childhood onset fluency disorder	ICD-9-CM	Diagnosis
315.39	Other developmental speech or language disorder	ICD-9-CM	Diagnosis
315.4	Developmental coordination disorder	ICD-9-CM	Diagnosis
315.5	Mixed development disorder	ICD-9-CM	Diagnosis
315.8	Other specified delay in development	ICD-9-CM	Diagnosis
315.9	Unspecified delay in development	ICD-9-CM	Diagnosis
316	Psychic factors associated with diseases classified elsewhere	ICD-9-CM	Diagnosis
317	Mild intellectual disabilities	ICD-9-CM	Diagnosis
318.0	Moderate intellectual disabilities	ICD-9-CM	Diagnosis
318.1	Severe intellectual disabilities	ICD-9-CM	Diagnosis
318.2	Profound intellectual disabilities	ICD-9-CM	Diagnosis
319	Unspecified intellectual disabilities	ICD-9-CM	Diagnosis
327.02	Insomnia due to mental disorder	ICD-9-CM	Diagnosis
327.15	Hypersomnia due to mental disorder	ICD-9-CM	Diagnosis
330.8	Other specified cerebral degenerations in childhood	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
625.4	Premenstrual tension syndromes	ICD-9-CM	Diagnosis
780.58	Sleep related movement disorder, unspecified	ICD-9-CM	Diagnosis
F01	Vascular dementia	ICD-10-CM	Diagnosis
F01.5	Vascular dementia	ICD-10-CM	Diagnosis
F01.50	Vascular dementia without behavioral disturbance	ICD-10-CM	Diagnosis
F01.51	Vascular dementia with behavioral disturbance	ICD-10-CM	Diagnosis
F02	Dementia in other diseases classified elsewhere	ICD-10-CM	Diagnosis
F02.8	Dementia in other diseases classified elsewhere	ICD-10-CM	Diagnosis
F02.80	Dementia in other diseases classified elsewhere without behavioral disturbance	ICD-10-CM	Diagnosis
F02.81	Dementia in other diseases classified elsewhere with behavioral disturbance	ICD-10-CM	Diagnosis
F03	Unspecified dementia	ICD-10-CM	Diagnosis
F03.9	Unspecified dementia	ICD-10-CM	Diagnosis
F03.90	Unspecified dementia without behavioral disturbance	ICD-10-CM	Diagnosis
F03.91	Unspecified dementia with behavioral disturbance	ICD-10-CM	Diagnosis
F04	Amnestic disorder due to known physiological condition	ICD-10-CM	Diagnosis
F05	Delirium due to known physiological condition	ICD-10-CM	Diagnosis
F06	Other mental disorders due to known physiological condition	ICD-10-CM	Diagnosis
F06.0	Psychotic disorder with hallucinations due to known physiological condition	ICD-10-CM	Diagnosis
F06.1	Catatonic disorder due to known physiological condition	ICD-10-CM	Diagnosis
F06.2	Psychotic disorder with delusions due to known physiological condition	ICD-10-CM	Diagnosis
F06.3	Mood disorder due to known physiological condition	ICD-10-CM	Diagnosis
F06.30	Mood disorder due to known physiological condition, unspecified	ICD-10-CM	Diagnosis
F06.31	Mood disorder due to known physiological condition with depressive features	ICD-10-CM	Diagnosis
F06.32	Mood disorder due to known physiological condition with major depressive-like episode	ICD-10-CM	Diagnosis
F06.33	Mood disorder due to known physiological condition with manic features	ICD-10-CM	Diagnosis
F06.34	Mood disorder due to known physiological condition with mixed features	ICD-10-CM	Diagnosis
F06.8	Other specified mental disorders due to known physiological condition	ICD-10-CM	Diagnosis
F07	Personality and behavioral disorders due to known physiological condition	ICD-10-CM	Diagnosis
F07.0	Personality change due to known physiological condition	ICD-10-CM	Diagnosis
F07.8	Other personality and behavioral disorders due to known physiological condition	ICD-10-CM	Diagnosis
F07.81	Postconcussional syndrome	ICD-10-CM	Diagnosis
F07.89	Other personality and behavioral disorders due to known physiological condition	ICD-10-CM	Diagnosis
F07.9	Unspecified personality and behavioral disorder due to known physiological condition	ICD-10-CM	Diagnosis
F09	Unspecified mental disorder due to known physiological condition	ICD-10-CM	Diagnosis
F10	Alcohol related disorders	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F10.1	Alcohol abuse	ICD-10-CM	Diagnosis
F10.10	Alcohol abuse, uncomplicated	ICD-10-CM	Diagnosis
F10.11	Alcohol abuse, in remission	ICD-10-CM	Diagnosis
F10.12	Alcohol abuse with intoxication	ICD-10-CM	Diagnosis
F10.120	Alcohol abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F10.121	Alcohol abuse with intoxication delirium	ICD-10-CM	Diagnosis
F10.129	Alcohol abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F10.14	Alcohol abuse with alcohol-induced mood disorder	ICD-10-CM	Diagnosis
F10.15	Alcohol abuse with alcohol-induced psychotic disorder	ICD-10-CM	Diagnosis
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F10.18	Alcohol abuse with other alcohol-induced disorders	ICD-10-CM	Diagnosis
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	ICD-10-CM	Diagnosis
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	ICD-10-CM	Diagnosis
F10.182	Alcohol abuse with alcohol-induced sleep disorder	ICD-10-CM	Diagnosis
F10.188	Alcohol abuse with other alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.2	Alcohol dependence	ICD-10-CM	Diagnosis
F10.20	Alcohol dependence, uncomplicated	ICD-10-CM	Diagnosis
F10.21	Alcohol dependence, in remission	ICD-10-CM	Diagnosis
F10.22	Alcohol dependence with intoxication	ICD-10-CM	Diagnosis
F10.220	Alcohol dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F10.221	Alcohol dependence with intoxication delirium	ICD-10-CM	Diagnosis
F10.229	Alcohol dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F10.23	Alcohol dependence with withdrawal	ICD-10-CM	Diagnosis
F10.230	Alcohol dependence with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F10.231	Alcohol dependence with withdrawal delirium	ICD-10-CM	Diagnosis
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F10.239	Alcohol dependence with withdrawal, unspecified	ICD-10-CM	Diagnosis
F10.24	Alcohol dependence with alcohol-induced mood disorder	ICD-10-CM	Diagnosis
F10.25	Alcohol dependence with alcohol-induced psychotic disorder	ICD-10-CM	Diagnosis
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F10.26	Alcohol dependence with alcohol-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F10.27	Alcohol dependence with alcohol-induced persisting dementia	ICD-10-CM	Diagnosis
F10.28	Alcohol dependence with other alcohol-induced disorders	ICD-10-CM	Diagnosis
F10.280	Alcohol dependence with alcohol-induced anxiety disorder	ICD-10-CM	Diagnosis
F10.281	Alcohol dependence with alcohol-induced sexual dysfunction	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F10.282	Alcohol dependence with alcohol-induced sleep disorder	ICD-10-CM	Diagnosis
F10.288	Alcohol dependence with other alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.29	Alcohol dependence with unspecified alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.9	Alcohol use, unspecified	ICD-10-CM	Diagnosis
F10.92	Alcohol use, unspecified with intoxication	ICD-10-CM	Diagnosis
F10.920	Alcohol use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F10.921	Alcohol use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F10.929	Alcohol use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F10.94	Alcohol use, unspecified with alcohol-induced mood disorder	ICD-10-CM	Diagnosis
F10.95	Alcohol use, unspecified with alcohol-induced psychotic disorder	ICD-10-CM	Diagnosis
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnestic disorder	ICD-10-CM	Diagnosis
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	ICD-10-CM	Diagnosis
F10.98	Alcohol use, unspecified with other alcohol-induced disorders	ICD-10-CM	Diagnosis
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	ICD-10-CM	Diagnosis
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	ICD-10-CM	Diagnosis
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	ICD-10-CM	Diagnosis
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	ICD-10-CM	Diagnosis
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	ICD-10-CM	Diagnosis
F11	Opioid related disorders	ICD-10-CM	Diagnosis
F11.1	Opioid abuse	ICD-10-CM	Diagnosis
F11.10	Opioid abuse, uncomplicated	ICD-10-CM	Diagnosis
F11.11	Opioid abuse, in remission	ICD-10-CM	Diagnosis
F11.12	Opioid abuse with intoxication	ICD-10-CM	Diagnosis
F11.120	Opioid abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F11.121	Opioid abuse with intoxication delirium	ICD-10-CM	Diagnosis
F11.122	Opioid abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F11.129	Opioid abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F11.14	Opioid abuse with opioid-induced mood disorder	ICD-10-CM	Diagnosis
F11.15	Opioid abuse with opioid-induced psychotic disorder	ICD-10-CM	Diagnosis
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F11.151	Opioid abuse with opioid-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F11.159	Opioid abuse with opioid-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F11.18	Opioid abuse with other opioid-induced disorder	ICD-10-CM	Diagnosis
F11.181	Opioid abuse with opioid-induced sexual dysfunction	ICD-10-CM	Diagnosis
F11.182	Opioid abuse with opioid-induced sleep disorder	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F11.188	Opioid abuse with other opioid-induced disorder	ICD-10-CM	Diagnosis
F11.19	Opioid abuse with unspecified opioid-induced disorder	ICD-10-CM	Diagnosis
F11.2	Opioid dependence	ICD-10-CM	Diagnosis
F11.20	Opioid dependence, uncomplicated	ICD-10-CM	Diagnosis
F11.21	Opioid dependence, in remission	ICD-10-CM	Diagnosis
F11.22	Opioid dependence with intoxication	ICD-10-CM	Diagnosis
F11.220	Opioid dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F11.221	Opioid dependence with intoxication delirium	ICD-10-CM	Diagnosis
F11.222	Opioid dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F11.229	Opioid dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F11.23	Opioid dependence with withdrawal	ICD-10-CM	Diagnosis
F11.24	Opioid dependence with opioid-induced mood disorder	ICD-10-CM	Diagnosis
F11.25	Opioid dependence with opioid-induced psychotic disorder	ICD-10-CM	Diagnosis
F11.250	Opioid dependence with opioid-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F11.251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F11.259	Opioid dependence with opioid-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F11.28	Opioid dependence with other opioid-induced disorder	ICD-10-CM	Diagnosis
F11.281	Opioid dependence with opioid-induced sexual dysfunction	ICD-10-CM	Diagnosis
F11.282	Opioid dependence with opioid-induced sleep disorder	ICD-10-CM	Diagnosis
F11.288	Opioid dependence with other opioid-induced disorder	ICD-10-CM	Diagnosis
F11.29	Opioid dependence with unspecified opioid-induced disorder	ICD-10-CM	Diagnosis
F11.9	Opioid use, unspecified	ICD-10-CM	Diagnosis
F11.90	Opioid use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F11.92	Opioid use, unspecified with intoxication	ICD-10-CM	Diagnosis
F11.920	Opioid use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F11.921	Opioid use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F11.922	Opioid use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F11.929	Opioid use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F11.93	Opioid use, unspecified with withdrawal	ICD-10-CM	Diagnosis
F11.94	Opioid use, unspecified with opioid-induced mood disorder	ICD-10-CM	Diagnosis
F11.95	Opioid use, unspecified with opioid-induced psychotic disorder	ICD-10-CM	Diagnosis
F11.950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F11.951	Opioid use, unspecified with opioid-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F11.959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F11.98	Opioid use, unspecified with other specified opioid-induced disorder	ICD-10-CM	Diagnosis
F11.981	Opioid use, unspecified with opioid-induced sexual dysfunction	ICD-10-CM	Diagnosis
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	ICD-10-CM	Diagnosis
F11.988	Opioid use, unspecified with other opioid-induced disorder	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
F11.99	Opioid use, unspecified with unspecified opioid-induced disorder	ICD-10-CM	Diagnosis
F12	Cannabis related disorders	ICD-10-CM	Diagnosis
F12.1	Cannabis abuse	ICD-10-CM	Diagnosis
F12.10	Cannabis abuse, uncomplicated	ICD-10-CM	Diagnosis
F12.11	Cannabis abuse, in remission	ICD-10-CM	Diagnosis
F12.12	Cannabis abuse with intoxication	ICD-10-CM	Diagnosis
F12.120	Cannabis abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F12.121	Cannabis abuse with intoxication delirium	ICD-10-CM	Diagnosis
F12.122	Cannabis abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F12.129	Cannabis abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F12.15	Cannabis abuse with psychotic disorder	ICD-10-CM	Diagnosis
F12.150	Cannabis abuse with psychotic disorder with delusions	ICD-10-CM	Diagnosis
F12.151	Cannabis abuse with psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F12.159	Cannabis abuse with psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F12.18	Cannabis abuse with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	ICD-10-CM	Diagnosis
F12.188	Cannabis abuse with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.2	Cannabis dependence	ICD-10-CM	Diagnosis
F12.20	Cannabis dependence, uncomplicated	ICD-10-CM	Diagnosis
F12.21	Cannabis dependence, in remission	ICD-10-CM	Diagnosis
F12.22	Cannabis dependence with intoxication	ICD-10-CM	Diagnosis
F12.220	Cannabis dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F12.221	Cannabis dependence with intoxication delirium	ICD-10-CM	Diagnosis
F12.222	Cannabis dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F12.229	Cannabis dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F12.23	Cannabis dependence with withdrawal	ICD-10-CM	Diagnosis
F12.25	Cannabis dependence with psychotic disorder	ICD-10-CM	Diagnosis
F12.250	Cannabis dependence with psychotic disorder with delusions	ICD-10-CM	Diagnosis
F12.251	Cannabis dependence with psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F12.259	Cannabis dependence with psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F12.28	Cannabis dependence with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	ICD-10-CM	Diagnosis
F12.288	Cannabis dependence with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.9	Cannabis use, unspecified	ICD-10-CM	Diagnosis
F12.90	Cannabis use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F12.92	Cannabis use, unspecified with intoxication	ICD-10-CM	Diagnosis
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F12.921	Cannabis use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F12.929	Cannabis use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F12.93	Cannabis use, unspecified with withdrawal	ICD-10-CM	Diagnosis
F12.95	Cannabis use, unspecified with psychotic disorder	ICD-10-CM	Diagnosis
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	ICD-10-CM	Diagnosis
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F12.98	Cannabis use, unspecified with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.980	Cannabis use, unspecified with anxiety disorder	ICD-10-CM	Diagnosis
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	ICD-10-CM	Diagnosis
F13	Sedative, hypnotic, or anxiolytic related disorders	ICD-10-CM	Diagnosis
F13.1	Sedative, hypnotic or anxiolytic-related abuse	ICD-10-CM	Diagnosis
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	ICD-10-CM	Diagnosis
F13.11	Sedative, hypnotic or anxiolytic abuse, in remission	ICD-10-CM	Diagnosis
F13.12	Sedative, hypnotic or anxiolytic abuse with intoxication	ICD-10-CM	Diagnosis
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	ICD-10-CM	Diagnosis
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	ICD-10-CM	Diagnosis
F13.15	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder	ICD-10-CM	Diagnosis
F13.150	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F13.151	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F13.159	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F13.18	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorders	ICD-10-CM	Diagnosis
F13.180	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced anxiety disorder	ICD-10-CM	Diagnosis
F13.181	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sexual dysfunction	ICD-10-CM	Diagnosis
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	ICD-10-CM	Diagnosis
F13.188	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.19	Sedative, hypnotic or anxiolytic abuse with unspecified sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.2	Sedative, hypnotic or anxiolytic-related dependence	ICD-10-CM	Diagnosis
F13.20	Sedative, hypnotic or anxiolytic dependence, uncomplicated	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F13.21	Sedative, hypnotic or anxiolytic dependence, in remission	ICD-10-CM	Diagnosis
F13.22	Sedative, hypnotic or anxiolytic dependence with intoxication	ICD-10-CM	Diagnosis
F13.220	Sedative, hypnotic or anxiolytic dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F13.221	Sedative, hypnotic or anxiolytic dependence with intoxication delirium	ICD-10-CM	Diagnosis
F13.229	Sedative, hypnotic or anxiolytic dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F13.23	Sedative, hypnotic or anxiolytic dependence with withdrawal	ICD-10-CM	Diagnosis
F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	ICD-10-CM	Diagnosis
F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	ICD-10-CM	Diagnosis
F13.24	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced mood disorder	ICD-10-CM	Diagnosis
F13.25	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder	ICD-10-CM	Diagnosis
F13.250	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F13.251	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F13.259	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F13.26	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	ICD-10-CM	Diagnosis
F13.28	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorders	ICD-10-CM	Diagnosis
F13.280	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced anxiety disorder	ICD-10-CM	Diagnosis
F13.281	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sexual dysfunction	ICD-10-CM	Diagnosis
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sleep disorder	ICD-10-CM	Diagnosis
F13.288	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.9	Sedative, hypnotic or anxiolytic-related use, unspecified	ICD-10-CM	Diagnosis
F13.90	Sedative, hypnotic, or anxiolytic use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F13.92	Sedative, hypnotic or anxiolytic use, unspecified with intoxication	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F13.920	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F13.921	Sedative, hypnotic or anxiolytic use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F13.929	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F13.93	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal	ICD-10-CM	Diagnosis
F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	ICD-10-CM	Diagnosis
F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	ICD-10-CM	Diagnosis
F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	ICD-10-CM	Diagnosis
F13.94	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced mood disorder	ICD-10-CM	Diagnosis
F13.95	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder	ICD-10-CM	Diagnosis
F13.950	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F13.951	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F13.959	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F13.96	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	ICD-10-CM	Diagnosis
F13.98	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorders	ICD-10-CM	Diagnosis
F13.980	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced anxiety disorder	ICD-10-CM	Diagnosis
F13.981	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sexual dysfunction	ICD-10-CM	Diagnosis
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	ICD-10-CM	Diagnosis
F13.988	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.99	Sedative, hypnotic or anxiolytic use, unspecified with unspecified sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F14	Cocaine related disorders	ICD-10-CM	Diagnosis
F14.1	Cocaine abuse	ICD-10-CM	Diagnosis
F14.10	Cocaine abuse, uncomplicated	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F14.11	Cocaine abuse, in remission	ICD-10-CM	Diagnosis
F14.12	Cocaine abuse with intoxication	ICD-10-CM	Diagnosis
F14.120	Cocaine abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F14.121	Cocaine abuse with intoxication with delirium	ICD-10-CM	Diagnosis
F14.122	Cocaine abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F14.129	Cocaine abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F14.14	Cocaine abuse with cocaine-induced mood disorder	ICD-10-CM	Diagnosis
F14.15	Cocaine abuse with cocaine-induced psychotic disorder	ICD-10-CM	Diagnosis
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F14.18	Cocaine abuse with other cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	ICD-10-CM	Diagnosis
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	ICD-10-CM	Diagnosis
F14.182	Cocaine abuse with cocaine-induced sleep disorder	ICD-10-CM	Diagnosis
F14.188	Cocaine abuse with other cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.2	Cocaine dependence	ICD-10-CM	Diagnosis
F14.20	Cocaine dependence, uncomplicated	ICD-10-CM	Diagnosis
F14.21	Cocaine dependence, in remission	ICD-10-CM	Diagnosis
F14.22	Cocaine dependence with intoxication	ICD-10-CM	Diagnosis
F14.220	Cocaine dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F14.221	Cocaine dependence with intoxication delirium	ICD-10-CM	Diagnosis
F14.222	Cocaine dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F14.229	Cocaine dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F14.23	Cocaine dependence with withdrawal	ICD-10-CM	Diagnosis
F14.24	Cocaine dependence with cocaine-induced mood disorder	ICD-10-CM	Diagnosis
F14.25	Cocaine dependence with cocaine-induced psychotic disorder	ICD-10-CM	Diagnosis
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F14.28	Cocaine dependence with other cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	ICD-10-CM	Diagnosis
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	ICD-10-CM	Diagnosis
F14.282	Cocaine dependence with cocaine-induced sleep disorder	ICD-10-CM	Diagnosis
F14.288	Cocaine dependence with other cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.29	Cocaine dependence with unspecified cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.9	Cocaine use, unspecified	ICD-10-CM	Diagnosis
F14.90	Cocaine use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F14.92	Cocaine use, unspecified with intoxication	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F14.921	Cocaine use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F14.929	Cocaine use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	ICD-10-CM	Diagnosis
F14.95	Cocaine use, unspecified with cocaine-induced psychotic disorder	ICD-10-CM	Diagnosis
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F14.98	Cocaine use, unspecified with other specified cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	ICD-10-CM	Diagnosis
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	ICD-10-CM	Diagnosis
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	ICD-10-CM	Diagnosis
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	ICD-10-CM	Diagnosis
F15	Other stimulant related disorders	ICD-10-CM	Diagnosis
F15.1	Other stimulant abuse	ICD-10-CM	Diagnosis
F15.10	Other stimulant abuse, uncomplicated	ICD-10-CM	Diagnosis
F15.11	Other stimulant abuse, in remission	ICD-10-CM	Diagnosis
F15.12	Other stimulant abuse with intoxication	ICD-10-CM	Diagnosis
F15.120	Other stimulant abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F15.121	Other stimulant abuse with intoxication delirium	ICD-10-CM	Diagnosis
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F15.129	Other stimulant abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F15.14	Other stimulant abuse with stimulant-induced mood disorder	ICD-10-CM	Diagnosis
F15.15	Other stimulant abuse with stimulant-induced psychotic disorder	ICD-10-CM	Diagnosis
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F15.18	Other stimulant abuse with other stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	ICD-10-CM	Diagnosis
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	ICD-10-CM	Diagnosis
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	ICD-10-CM	Diagnosis
F15.188	Other stimulant abuse with other stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F15.2	Other stimulant dependence	ICD-10-CM	Diagnosis
F15.20	Other stimulant dependence, uncomplicated	ICD-10-CM	Diagnosis
F15.21	Other stimulant dependence, in remission	ICD-10-CM	Diagnosis
F15.22	Other stimulant dependence with intoxication	ICD-10-CM	Diagnosis
F15.220	Other stimulant dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F15.221	Other stimulant dependence with intoxication delirium	ICD-10-CM	Diagnosis
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F15.229	Other stimulant dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F15.23	Other stimulant dependence with withdrawal	ICD-10-CM	Diagnosis
F15.24	Other stimulant dependence with stimulant-induced mood disorder	ICD-10-CM	Diagnosis
F15.25	Other stimulant dependence with stimulant-induced psychotic disorder	ICD-10-CM	Diagnosis
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F15.28	Other stimulant dependence with other stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	ICD-10-CM	Diagnosis
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	ICD-10-CM	Diagnosis
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	ICD-10-CM	Diagnosis
F15.288	Other stimulant dependence with other stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.9	Other stimulant use, unspecified	ICD-10-CM	Diagnosis
F15.90	Other stimulant use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F15.92	Other stimulant use, unspecified with intoxication	ICD-10-CM	Diagnosis
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F15.921	Other stimulant use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F15.929	Other stimulant use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F15.93	Other stimulant use, unspecified with withdrawal	ICD-10-CM	Diagnosis
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	ICD-10-CM	Diagnosis
F15.95	Other stimulant use, unspecified with stimulant-induced psychotic disorder	ICD-10-CM	Diagnosis
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F15.98	Other stimulant use, unspecified with other stimulant-induced disorder	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	ICD-10-CM	Diagnosis
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	ICD-10-CM	Diagnosis
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	ICD-10-CM	Diagnosis
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	ICD-10-CM	Diagnosis
F16	Hallucinogen related disorders	ICD-10-CM	Diagnosis
F16.1	Hallucinogen abuse	ICD-10-CM	Diagnosis
F16.10	Hallucinogen abuse, uncomplicated	ICD-10-CM	Diagnosis
F16.11	Hallucinogen abuse, in remission	ICD-10-CM	Diagnosis
F16.12	Hallucinogen abuse with intoxication	ICD-10-CM	Diagnosis
F16.120	Hallucinogen abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F16.121	Hallucinogen abuse with intoxication with delirium	ICD-10-CM	Diagnosis
F16.122	Hallucinogen abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F16.129	Hallucinogen abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	ICD-10-CM	Diagnosis
F16.15	Hallucinogen abuse with hallucinogen-induced psychotic disorder	ICD-10-CM	Diagnosis
F16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F16.18	Hallucinogen abuse with other hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.180	Hallucinogen abuse with hallucinogen-induced anxiety disorder	ICD-10-CM	Diagnosis
F16.183	Hallucinogen abuse with hallucinogen persisting perception disorder (flashbacks)	ICD-10-CM	Diagnosis
F16.188	Hallucinogen abuse with other hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.19	Hallucinogen abuse with unspecified hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.2	Hallucinogen dependence	ICD-10-CM	Diagnosis
F16.20	Hallucinogen dependence, uncomplicated	ICD-10-CM	Diagnosis
F16.21	Hallucinogen dependence, in remission	ICD-10-CM	Diagnosis
F16.22	Hallucinogen dependence with intoxication	ICD-10-CM	Diagnosis
F16.220	Hallucinogen dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F16.221	Hallucinogen dependence with intoxication with delirium	ICD-10-CM	Diagnosis
F16.229	Hallucinogen dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F16.24	Hallucinogen dependence with hallucinogen-induced mood disorder	ICD-10-CM	Diagnosis
F16.25	Hallucinogen dependence with hallucinogen-induced psychotic disorder	ICD-10-CM	Diagnosis
F16.250	Hallucinogen dependence with hallucinogen-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F16.251	Hallucinogen dependence with hallucinogen-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F16.259	Hallucinogen dependence with hallucinogen-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F16.28	Hallucinogen dependence with other hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.280	Hallucinogen dependence with hallucinogen-induced anxiety disorder	ICD-10-CM	Diagnosis
F16.283	Hallucinogen dependence with hallucinogen persisting perception disorder (flashbacks)	ICD-10-CM	Diagnosis
F16.288	Hallucinogen dependence with other hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.29	Hallucinogen dependence with unspecified hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.9	Hallucinogen use, unspecified	ICD-10-CM	Diagnosis
F16.90	Hallucinogen use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F16.92	Hallucinogen use, unspecified with intoxication	ICD-10-CM	Diagnosis
F16.920	Hallucinogen use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F16.921	Hallucinogen use, unspecified with intoxication with delirium	ICD-10-CM	Diagnosis
F16.929	Hallucinogen use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F16.94	Hallucinogen use, unspecified with hallucinogen-induced mood disorder	ICD-10-CM	Diagnosis
F16.95	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder	ICD-10-CM	Diagnosis
F16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F16.98	Hallucinogen use, unspecified with other specified hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	ICD-10-CM	Diagnosis
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	ICD-10-CM	Diagnosis
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F17	Nicotine dependence	ICD-10-CM	Diagnosis
F17.2	Nicotine dependence	ICD-10-CM	Diagnosis
F17.20	Nicotine dependence, unspecified	ICD-10-CM	Diagnosis
F17.200	Nicotine dependence, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F17.201	Nicotine dependence, unspecified, in remission	ICD-10-CM	Diagnosis
F17.203	Nicotine dependence unspecified, with withdrawal	ICD-10-CM	Diagnosis
F17.208	Nicotine dependence, unspecified, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.209	Nicotine dependence, unspecified, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F17.21	Nicotine dependence, cigarettes	ICD-10-CM	Diagnosis
F17.210	Nicotine dependence, cigarettes, uncomplicated	ICD-10-CM	Diagnosis
F17.211	Nicotine dependence, cigarettes, in remission	ICD-10-CM	Diagnosis
F17.213	Nicotine dependence, cigarettes, with withdrawal	ICD-10-CM	Diagnosis
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.22	Nicotine dependence, chewing tobacco	ICD-10-CM	Diagnosis
F17.220	Nicotine dependence, chewing tobacco, uncomplicated	ICD-10-CM	Diagnosis
F17.221	Nicotine dependence, chewing tobacco, in remission	ICD-10-CM	Diagnosis
F17.223	Nicotine dependence, chewing tobacco, with withdrawal	ICD-10-CM	Diagnosis
F17.228	Nicotine dependence, chewing tobacco, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.229	Nicotine dependence, chewing tobacco, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.29	Nicotine dependence, other tobacco product	ICD-10-CM	Diagnosis
F17.290	Nicotine dependence, other tobacco product, uncomplicated	ICD-10-CM	Diagnosis
F17.291	Nicotine dependence, other tobacco product, in remission	ICD-10-CM	Diagnosis
F17.293	Nicotine dependence, other tobacco product, with withdrawal	ICD-10-CM	Diagnosis
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F18	Inhalant related disorders	ICD-10-CM	Diagnosis
F18.1	Inhalant abuse	ICD-10-CM	Diagnosis
F18.10	Inhalant abuse, uncomplicated	ICD-10-CM	Diagnosis
F18.11	Inhalant abuse, in remission	ICD-10-CM	Diagnosis
F18.12	Inhalant abuse with intoxication	ICD-10-CM	Diagnosis
F18.120	Inhalant abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F18.121	Inhalant abuse with intoxication delirium	ICD-10-CM	Diagnosis
F18.129	Inhalant abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F18.14	Inhalant abuse with inhalant-induced mood disorder	ICD-10-CM	Diagnosis
F18.15	Inhalant abuse with inhalant-induced psychotic disorder	ICD-10-CM	Diagnosis
F18.150	Inhalant abuse with inhalant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F18.151	Inhalant abuse with inhalant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F18.159	Inhalant abuse with inhalant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F18.17	Inhalant abuse with inhalant-induced dementia	ICD-10-CM	Diagnosis
F18.18	Inhalant abuse with other inhalant-induced disorders	ICD-10-CM	Diagnosis
F18.180	Inhalant abuse with inhalant-induced anxiety disorder	ICD-10-CM	Diagnosis
F18.188	Inhalant abuse with other inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.19	Inhalant abuse with unspecified inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.2	Inhalant dependence	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F18.20	Inhalant dependence, uncomplicated	ICD-10-CM	Diagnosis
F18.21	Inhalant dependence, in remission	ICD-10-CM	Diagnosis
F18.22	Inhalant dependence with intoxication	ICD-10-CM	Diagnosis
F18.220	Inhalant dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F18.221	Inhalant dependence with intoxication delirium	ICD-10-CM	Diagnosis
F18.229	Inhalant dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F18.24	Inhalant dependence with inhalant-induced mood disorder	ICD-10-CM	Diagnosis
F18.25	Inhalant dependence with inhalant-induced psychotic disorder	ICD-10-CM	Diagnosis
F18.250	Inhalant dependence with inhalant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F18.251	Inhalant dependence with inhalant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F18.27	Inhalant dependence with inhalant-induced dementia	ICD-10-CM	Diagnosis
F18.28	Inhalant dependence with other inhalant-induced disorders	ICD-10-CM	Diagnosis
F18.280	Inhalant dependence with inhalant-induced anxiety disorder	ICD-10-CM	Diagnosis
F18.288	Inhalant dependence with other inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.29	Inhalant dependence with unspecified inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.9	Inhalant use, unspecified	ICD-10-CM	Diagnosis
F18.90	Inhalant use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F18.92	Inhalant use, unspecified with intoxication	ICD-10-CM	Diagnosis
F18.920	Inhalant use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F18.921	Inhalant use, unspecified with intoxication with delirium	ICD-10-CM	Diagnosis
F18.929	Inhalant use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F18.94	Inhalant use, unspecified with inhalant-induced mood disorder	ICD-10-CM	Diagnosis
F18.95	Inhalant use, unspecified with inhalant-induced psychotic disorder	ICD-10-CM	Diagnosis
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	ICD-10-CM	Diagnosis
F18.98	Inhalant use, unspecified with other inhalant-induced disorders	ICD-10-CM	Diagnosis
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	ICD-10-CM	Diagnosis
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	ICD-10-CM	Diagnosis
F19	Other psychoactive substance related disorders	ICD-10-CM	Diagnosis
F19.1	Other psychoactive substance abuse	ICD-10-CM	Diagnosis
F19.10	Other psychoactive substance abuse, uncomplicated	ICD-10-CM	Diagnosis
F19.11	Other psychoactive substance abuse, in remission	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F19.12	Other psychoactive substance abuse with intoxication	ICD-10-CM	Diagnosis
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F19.121	Other psychoactive substance abuse with intoxication delirium	ICD-10-CM	Diagnosis
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	ICD-10-CM	Diagnosis
F19.129	Other psychoactive substance abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	ICD-10-CM	Diagnosis
F19.15	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder	ICD-10-CM	Diagnosis
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	ICD-10-CM	Diagnosis
F19.18	Other psychoactive substance abuse with other psychoactive substance-induced disorders	ICD-10-CM	Diagnosis
F19.180	Other psychoactive substance abuse with psychoactive substance-induced anxiety disorder	ICD-10-CM	Diagnosis
F19.181	Other psychoactive substance abuse with psychoactive substance-induced sexual dysfunction	ICD-10-CM	Diagnosis
F19.182	Other psychoactive substance abuse with psychoactive substance-induced sleep disorder	ICD-10-CM	Diagnosis
F19.188	Other psychoactive substance abuse with other psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.19	Other psychoactive substance abuse with unspecified psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.2	Other psychoactive substance dependence	ICD-10-CM	Diagnosis
F19.20	Other psychoactive substance dependence, uncomplicated	ICD-10-CM	Diagnosis
F19.21	Other psychoactive substance dependence, in remission	ICD-10-CM	Diagnosis
F19.22	Other psychoactive substance dependence with intoxication	ICD-10-CM	Diagnosis
F19.220	Other psychoactive substance dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F19.221	Other psychoactive substance dependence with intoxication delirium	ICD-10-CM	Diagnosis
F19.222	Other psychoactive substance dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F19.229	Other psychoactive substance dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F19.23	Other psychoactive substance dependence with withdrawal	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F19.230	Other psychoactive substance dependence with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F19.231	Other psychoactive substance dependence with withdrawal delirium	ICD-10-CM	Diagnosis
F19.232	Other psychoactive substance dependence with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F19.239	Other psychoactive substance dependence with withdrawal, unspecified	ICD-10-CM	Diagnosis
F19.24	Other psychoactive substance dependence with psychoactive substance-induced mood disorder	ICD-10-CM	Diagnosis
F19.25	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder	ICD-10-CM	Diagnosis
F19.250	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F19.251	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F19.259	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F19.26	Other psychoactive substance dependence with psychoactive substance-induced persisting amnestic disorder	ICD-10-CM	Diagnosis
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	ICD-10-CM	Diagnosis
F19.28	Other psychoactive substance dependence with other psychoactive substance-induced disorders	ICD-10-CM	Diagnosis
F19.280	Other psychoactive substance dependence with psychoactive substance-induced anxiety disorder	ICD-10-CM	Diagnosis
F19.281	Other psychoactive substance dependence with psychoactive substance-induced sexual dysfunction	ICD-10-CM	Diagnosis
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	ICD-10-CM	Diagnosis
F19.288	Other psychoactive substance dependence with other psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.29	Other psychoactive substance dependence with unspecified psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.9	Other psychoactive substance use, unspecified	ICD-10-CM	Diagnosis
F19.90	Other psychoactive substance use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F19.92	Other psychoactive substance use, unspecified with intoxication	ICD-10-CM	Diagnosis
F19.920	Other psychoactive substance use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F19.921	Other psychoactive substance use, unspecified with intoxication with delirium	ICD-10-CM	Diagnosis
F19.922	Other psychoactive substance use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F19.929	Other psychoactive substance use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F19.93	Other psychoactive substance use, unspecified with withdrawal	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F19.930	Other psychoactive substance use, unspecified with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	ICD-10-CM	Diagnosis
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	ICD-10-CM	Diagnosis
F19.94	Other psychoactive substance use, unspecified with psychoactive substance-induced mood disorder	ICD-10-CM	Diagnosis
F19.95	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder	ICD-10-CM	Diagnosis
F19.950	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F19.951	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F19.959	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F19.96	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	ICD-10-CM	Diagnosis
F19.98	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorders	ICD-10-CM	Diagnosis
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-induced anxiety disorder	ICD-10-CM	Diagnosis
F19.981	Other psychoactive substance use, unspecified with psychoactive substance-induced sexual dysfunction	ICD-10-CM	Diagnosis
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	ICD-10-CM	Diagnosis
F19.988	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.99	Other psychoactive substance use, unspecified with unspecified psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F20	Schizophrenia	ICD-10-CM	Diagnosis
F20.0	Paranoid schizophrenia	ICD-10-CM	Diagnosis
F20.1	Disorganized schizophrenia	ICD-10-CM	Diagnosis
F20.2	Catatonic schizophrenia	ICD-10-CM	Diagnosis
F20.3	Undifferentiated schizophrenia	ICD-10-CM	Diagnosis
F20.5	Residual schizophrenia	ICD-10-CM	Diagnosis
F20.8	Other schizophrenia	ICD-10-CM	Diagnosis
F20.81	Schizophreniform disorder	ICD-10-CM	Diagnosis
F20.89	Other schizophrenia	ICD-10-CM	Diagnosis
F20.9	Schizophrenia, unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F21	Schizotypal disorder	ICD-10-CM	Diagnosis
F22	Delusional disorders	ICD-10-CM	Diagnosis
F23	Brief psychotic disorder	ICD-10-CM	Diagnosis
F24	Shared psychotic disorder	ICD-10-CM	Diagnosis
F25	Schizoaffective disorders	ICD-10-CM	Diagnosis
F25.0	Schizoaffective disorder, bipolar type	ICD-10-CM	Diagnosis
F25.1	Schizoaffective disorder, depressive type	ICD-10-CM	Diagnosis
F25.8	Other schizoaffective disorders	ICD-10-CM	Diagnosis
F25.9	Schizoaffective disorder, unspecified	ICD-10-CM	Diagnosis
F28	Other psychotic disorder not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F29	Unspecified psychosis not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F30	Manic episode	ICD-10-CM	Diagnosis
F30.1	Manic episode without psychotic symptoms	ICD-10-CM	Diagnosis
F30.10	Manic episode without psychotic symptoms, unspecified	ICD-10-CM	Diagnosis
F30.11	Manic episode without psychotic symptoms, mild	ICD-10-CM	Diagnosis
F30.12	Manic episode without psychotic symptoms, moderate	ICD-10-CM	Diagnosis
F30.13	Manic episode, severe, without psychotic symptoms	ICD-10-CM	Diagnosis
F30.2	Manic episode, severe with psychotic symptoms	ICD-10-CM	Diagnosis
F30.3	Manic episode in partial remission	ICD-10-CM	Diagnosis
F30.4	Manic episode in full remission	ICD-10-CM	Diagnosis
F30.8	Other manic episodes	ICD-10-CM	Diagnosis
F30.9	Manic episode, unspecified	ICD-10-CM	Diagnosis
F31	Bipolar disorder	ICD-10-CM	Diagnosis
F31.0	Bipolar disorder, current episode hypomanic	ICD-10-CM	Diagnosis
F31.1	Bipolar disorder, current episode manic without psychotic features	ICD-10-CM	Diagnosis
F31.10	Bipolar disorder, current episode manic without psychotic features, unspecified	ICD-10-CM	Diagnosis
F31.11	Bipolar disorder, current episode manic without psychotic features, mild	ICD-10-CM	Diagnosis
F31.12	Bipolar disorder, current episode manic without psychotic features, moderate	ICD-10-CM	Diagnosis
F31.13	Bipolar disorder, current episode manic without psychotic features, severe	ICD-10-CM	Diagnosis
F31.2	Bipolar disorder, current episode manic severe with psychotic features	ICD-10-CM	Diagnosis
F31.8	Other bipolar disorders	ICD-10-CM	Diagnosis
F31.89	Other bipolar disorder	ICD-10-CM	Diagnosis
F31.9	Bipolar disorder, unspecified	ICD-10-CM	Diagnosis
F32	Major depressive disorder, single episode	ICD-10-CM	Diagnosis
F32.8	Other depressive episodes	ICD-10-CM	Diagnosis
F32.81	Premenstrual dysphoric disorder	ICD-10-CM	Diagnosis
F32.89	Other specified depressive episodes	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F33	Major depressive disorder, recurrent	ICD-10-CM	Diagnosis
F34	Persistent mood [affective] disorders	ICD-10-CM	Diagnosis
F34.0	Cyclothymic disorder	ICD-10-CM	Diagnosis
F34.8	Other persistent mood [affective] disorders	ICD-10-CM	Diagnosis
F34.81	Disruptive mood dysregulation disorder	ICD-10-CM	Diagnosis
F34.89	Other specified persistent mood disorders	ICD-10-CM	Diagnosis
F34.9	Persistent mood [affective] disorder, unspecified	ICD-10-CM	Diagnosis
F39	Unspecified mood [affective] disorder	ICD-10-CM	Diagnosis
F43.2	Adjustment disorders	ICD-10-CM	Diagnosis
F43.20	Adjustment disorder, unspecified	ICD-10-CM	Diagnosis
F43.22	Adjustment disorder with anxiety	ICD-10-CM	Diagnosis
F43.24	Adjustment disorder with disturbance of conduct	ICD-10-CM	Diagnosis
F43.25	Adjustment disorder with mixed disturbance of emotions and conduct	ICD-10-CM	Diagnosis
F43.29	Adjustment disorder with other symptoms	ICD-10-CM	Diagnosis
F43.8	Other reactions to severe stress	ICD-10-CM	Diagnosis
F43.9	Reaction to severe stress, unspecified	ICD-10-CM	Diagnosis
F44	Dissociative and conversion disorders	ICD-10-CM	Diagnosis
F44.0	Dissociative amnesia	ICD-10-CM	Diagnosis
F44.1	Dissociative fugue	ICD-10-CM	Diagnosis
F44.2	Dissociative stupor	ICD-10-CM	Diagnosis
F44.4	Conversion disorder with motor symptom or deficit	ICD-10-CM	Diagnosis
F44.5	Conversion disorder with seizures or convulsions	ICD-10-CM	Diagnosis
F44.6	Conversion disorder with sensory symptom or deficit	ICD-10-CM	Diagnosis
F44.7	Conversion disorder with mixed symptom presentation	ICD-10-CM	Diagnosis
F44.8	Other dissociative and conversion disorders	ICD-10-CM	Diagnosis
F44.81	Dissociative identity disorder	ICD-10-CM	Diagnosis
F44.89	Other dissociative and conversion disorders	ICD-10-CM	Diagnosis
F45	Somatoform disorders	ICD-10-CM	Diagnosis
F45.0	Somatization disorder	ICD-10-CM	Diagnosis
F45.1	Undifferentiated somatoform disorder	ICD-10-CM	Diagnosis
F45.2	Hypochondriacal disorders	ICD-10-CM	Diagnosis
F45.20	Hypochondriacal disorder, unspecified	ICD-10-CM	Diagnosis
F45.21	Hypochondriasis	ICD-10-CM	Diagnosis
F45.22	Body dysmorphic disorder	ICD-10-CM	Diagnosis
F45.29	Other hypochondriacal disorders	ICD-10-CM	Diagnosis
F45.4	Pain disorders related to psychological factors	ICD-10-CM	Diagnosis
F45.41	Pain disorder exclusively related to psychological factors	ICD-10-CM	Diagnosis
F45.42	Pain disorder with related psychological factors	ICD-10-CM	Diagnosis
F45.9	Somatoform disorder, unspecified	ICD-10-CM	Diagnosis
F48	Other nonpsychotic mental disorders	ICD-10-CM	Diagnosis
F48.1	Depersonalization-derealization syndrome	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F48.2	Pseudobulbar affect	ICD-10-CM	Diagnosis
F50	Eating disorders	ICD-10-CM	Diagnosis
F50.0	Anorexia nervosa	ICD-10-CM	Diagnosis
F50.00	Anorexia nervosa, unspecified	ICD-10-CM	Diagnosis
F50.01	Anorexia nervosa, restricting type	ICD-10-CM	Diagnosis
F50.02	Anorexia nervosa, binge eating/purging type	ICD-10-CM	Diagnosis
F50.2	Bulimia nervosa	ICD-10-CM	Diagnosis
F50.8	Other eating disorders	ICD-10-CM	Diagnosis
F50.81	Binge eating disorder	ICD-10-CM	Diagnosis
F50.82	Avoidant/restrictive food intake disorder	ICD-10-CM	Diagnosis
F50.89	Other specified eating disorder	ICD-10-CM	Diagnosis
F50.9	Eating disorder, unspecified	ICD-10-CM	Diagnosis
F51	Sleep disorders not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F51.0	Insomnia not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F51.01	Primary insomnia	ICD-10-CM	Diagnosis
F51.02	Adjustment insomnia	ICD-10-CM	Diagnosis
F51.03	Paradoxical insomnia	ICD-10-CM	Diagnosis
F51.04	Psychophysilogic insomnia	ICD-10-CM	Diagnosis
F51.05	Insomnia due to other mental disorder	ICD-10-CM	Diagnosis
F51.09	Other insomnia not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F51.1	Hypersomnia not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F51.11	Primary hypersomnia	ICD-10-CM	Diagnosis
F51.12	Insufficient sleep syndrome	ICD-10-CM	Diagnosis
F51.13	Hypersomnia due to other mental disorder	ICD-10-CM	Diagnosis
F51.19	Other hypersomnia not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F51.3	Sleepwalking [somnambulism]	ICD-10-CM	Diagnosis
F51.4	Sleep terrors [night terrors]	ICD-10-CM	Diagnosis
F51.5	Nightmare disorder	ICD-10-CM	Diagnosis
F51.8	Other sleep disorders not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F51.9	Sleep disorder not due to a substance or known physiological condition, unspecified	ICD-10-CM	Diagnosis
F52	Sexual dysfunction not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F52.0	Hypoactive sexual desire disorder	ICD-10-CM	Diagnosis
F52.1	Sexual aversion disorder	ICD-10-CM	Diagnosis
F52.2	Sexual arousal disorders	ICD-10-CM	Diagnosis
F52.21	Male erectile disorder	ICD-10-CM	Diagnosis
F52.22	Female sexual arousal disorder	ICD-10-CM	Diagnosis
F52.3	Orgasmic disorder	ICD-10-CM	Diagnosis
F52.31	Female orgasmic disorder	ICD-10-CM	Diagnosis
F52.32	Male orgasmic disorder	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F52.4	Premature ejaculation	ICD-10-CM	Diagnosis
F52.5	Vaginismus not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F52.6	Dyspareunia not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F52.8	Other sexual dysfunction not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F52.9	Unspecified sexual dysfunction not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F53	Mental and behavioral disorders associated with the puerperium, not elsewhere classified	ICD-10-CM	Diagnosis
F53.0	Postpartum depression	ICD-10-CM	Diagnosis
F53.1	Puerperal psychosis	ICD-10-CM	Diagnosis
F54	Psychological and behavioral factors associated with disorders or diseases classified elsewhere	ICD-10-CM	Diagnosis
F59	Unspecified behavioral syndromes associated with physiological disturbances and physical factors	ICD-10-CM	Diagnosis
F60	Specific personality disorders	ICD-10-CM	Diagnosis
F60.0	Paranoid personality disorder	ICD-10-CM	Diagnosis
F60.1	Schizoid personality disorder	ICD-10-CM	Diagnosis
F60.2	Antisocial personality disorder	ICD-10-CM	Diagnosis
F60.3	Borderline personality disorder	ICD-10-CM	Diagnosis
F60.4	Histrionic personality disorder	ICD-10-CM	Diagnosis
F60.5	Obsessive-compulsive personality disorder	ICD-10-CM	Diagnosis
F60.6	Avoidant personality disorder	ICD-10-CM	Diagnosis
F60.7	Dependent personality disorder	ICD-10-CM	Diagnosis
F60.8	Other specific personality disorders	ICD-10-CM	Diagnosis
F60.81	Narcissistic personality disorder	ICD-10-CM	Diagnosis
F60.89	Other specific personality disorders	ICD-10-CM	Diagnosis
F60.9	Personality disorder, unspecified	ICD-10-CM	Diagnosis
F63	Impulse disorders	ICD-10-CM	Diagnosis
F63.0	Pathological gambling	ICD-10-CM	Diagnosis
F63.1	Pyromania	ICD-10-CM	Diagnosis
F63.2	Kleptomania	ICD-10-CM	Diagnosis
F63.3	Trichotillomania	ICD-10-CM	Diagnosis
F63.8	Other impulse disorders	ICD-10-CM	Diagnosis
F63.81	Intermittent explosive disorder	ICD-10-CM	Diagnosis
F63.89	Other impulse disorders	ICD-10-CM	Diagnosis
F63.9	Impulse disorder, unspecified	ICD-10-CM	Diagnosis
F64	Gender identity disorders	ICD-10-CM	Diagnosis
F64.0	Transsexualism	ICD-10-CM	Diagnosis
F64.1	Dual role transvestism	ICD-10-CM	Diagnosis
F64.2	Gender identity disorder of childhood	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F64.8	Other gender identity disorders	ICD-10-CM	Diagnosis
F64.9	Gender identity disorder, unspecified	ICD-10-CM	Diagnosis
F65	Paraphilias	ICD-10-CM	Diagnosis
F65.0	Fetishism	ICD-10-CM	Diagnosis
F65.1	Transvestic fetishism	ICD-10-CM	Diagnosis
F65.2	Exhibitionism	ICD-10-CM	Diagnosis
F65.3	Voyeurism	ICD-10-CM	Diagnosis
F65.4	Pedophilia	ICD-10-CM	Diagnosis
F65.5	Sadomasochism	ICD-10-CM	Diagnosis
F65.50	Sadomasochism, unspecified	ICD-10-CM	Diagnosis
F65.51	Sexual masochism	ICD-10-CM	Diagnosis
F65.52	Sexual sadism	ICD-10-CM	Diagnosis
F65.8	Other paraphilias	ICD-10-CM	Diagnosis
F65.81	Frotteurism	ICD-10-CM	Diagnosis
F65.89	Other paraphilias	ICD-10-CM	Diagnosis
F65.9	Paraphilia, unspecified	ICD-10-CM	Diagnosis
F66	Other sexual disorders	ICD-10-CM	Diagnosis
F68	Other disorders of adult personality and behavior	ICD-10-CM	Diagnosis
F68.1	Factitious disorder imposed on self	ICD-10-CM	Diagnosis
F68.10	Factitious disorder imposed on self, unspecified	ICD-10-CM	Diagnosis
F68.11	Factitious disorder imposed on self, with predominantly psychological signs and symptoms	ICD-10-CM	Diagnosis
F68.12	Factitious disorder imposed on self, with predominantly physical signs and symptoms	ICD-10-CM	Diagnosis
F68.13	Factitious disorder imposed on self, with combined psychological and physical signs and symptoms	ICD-10-CM	Diagnosis
F68.8	Other specified disorders of adult personality and behavior	ICD-10-CM	Diagnosis
F68.A	Factitious disorder imposed on another	ICD-10-CM	Diagnosis
F69	Unspecified disorder of adult personality and behavior	ICD-10-CM	Diagnosis
F70	Mild intellectual disabilities	ICD-10-CM	Diagnosis
F71	Moderate intellectual disabilities	ICD-10-CM	Diagnosis
F72	Severe intellectual disabilities	ICD-10-CM	Diagnosis
F73	Profound intellectual disabilities	ICD-10-CM	Diagnosis
F78	Other intellectual disabilities	ICD-10-CM	Diagnosis
F79	Unspecified intellectual disabilities	ICD-10-CM	Diagnosis
F80	Specific developmental disorders of speech and language	ICD-10-CM	Diagnosis
F80.0	Phonological disorder	ICD-10-CM	Diagnosis
F80.1	Expressive language disorder	ICD-10-CM	Diagnosis
F80.2	Mixed receptive-expressive language disorder	ICD-10-CM	Diagnosis
F80.4	Speech and language development delay due to hearing loss	ICD-10-CM	Diagnosis
F80.8	Other developmental disorders of speech and language	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F80.81	Childhood onset fluency disorder	ICD-10-CM	Diagnosis
F80.82	Social pragmatic communication disorder	ICD-10-CM	Diagnosis
F80.89	Other developmental disorders of speech and language	ICD-10-CM	Diagnosis
F80.9	Developmental disorder of speech and language, unspecified	ICD-10-CM	Diagnosis
F81	Specific developmental disorders of scholastic skills	ICD-10-CM	Diagnosis
F81.0	Specific reading disorder	ICD-10-CM	Diagnosis
F81.2	Mathematics disorder	ICD-10-CM	Diagnosis
F81.8	Other developmental disorders of scholastic skills	ICD-10-CM	Diagnosis
F81.81	Disorder of written expression	ICD-10-CM	Diagnosis
F81.89	Other developmental disorders of scholastic skills	ICD-10-CM	Diagnosis
F81.9	Developmental disorder of scholastic skills, unspecified	ICD-10-CM	Diagnosis
F82	Specific developmental disorder of motor function	ICD-10-CM	Diagnosis
F84	Pervasive developmental disorders	ICD-10-CM	Diagnosis
F84.0	Autistic disorder	ICD-10-CM	Diagnosis
F84.2	Rett's syndrome	ICD-10-CM	Diagnosis
F84.3	Other childhood disintegrative disorder	ICD-10-CM	Diagnosis
F84.5	Asperger's syndrome	ICD-10-CM	Diagnosis
F84.8	Other pervasive developmental disorders	ICD-10-CM	Diagnosis
F84.9	Pervasive developmental disorder, unspecified	ICD-10-CM	Diagnosis
F88	Other disorders of psychological development	ICD-10-CM	Diagnosis
F89	Unspecified disorder of psychological development	ICD-10-CM	Diagnosis
F91	Conduct disorders	ICD-10-CM	Diagnosis
F91.0	Conduct disorder confined to family context	ICD-10-CM	Diagnosis
F91.1	Conduct disorder, childhood-onset type	ICD-10-CM	Diagnosis
F91.2	Conduct disorder, adolescent-onset type	ICD-10-CM	Diagnosis
F91.3	Oppositional defiant disorder	ICD-10-CM	Diagnosis
F91.8	Other conduct disorders	ICD-10-CM	Diagnosis
F91.9	Conduct disorder, unspecified	ICD-10-CM	Diagnosis
F93	Emotional disorders with onset specific to childhood	ICD-10-CM	Diagnosis
F93.0	Separation anxiety disorder of childhood	ICD-10-CM	Diagnosis
F93.9	Childhood emotional disorder, unspecified	ICD-10-CM	Diagnosis
F94	Disorders of social functioning with onset specific to childhood and adolescence	ICD-10-CM	Diagnosis
F94.0	Selective mutism	ICD-10-CM	Diagnosis
F94.1	Reactive attachment disorder of childhood	ICD-10-CM	Diagnosis
F94.2	Disinhibited attachment disorder of childhood	ICD-10-CM	Diagnosis
F94.8	Other childhood disorders of social functioning	ICD-10-CM	Diagnosis
F94.9	Childhood disorder of social functioning, unspecified	ICD-10-CM	Diagnosis
F95	Tic disorder	ICD-10-CM	Diagnosis
F95.0	Transient tic disorder	ICD-10-CM	Diagnosis
F95.1	Chronic motor or vocal tic disorder	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F95.2	Tourette's disorder	ICD-10-CM	Diagnosis
F95.8	Other tic disorders	ICD-10-CM	Diagnosis
F95.9	Tic disorder, unspecified	ICD-10-CM	Diagnosis
F98	Other behavioral and emotional disorders with onset usually occurring in childhood and adolescence	ICD-10-CM	Diagnosis
F98.0	Enuresis not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F98.1	Encopresis not due to a substance or known physiological condition	ICD-10-CM	Diagnosis
F98.2	Other feeding disorders of infancy and childhood	ICD-10-CM	Diagnosis
F98.21	Rumination disorder of infancy	ICD-10-CM	Diagnosis
F98.29	Other feeding disorders of infancy and early childhood	ICD-10-CM	Diagnosis
F98.3	Pica of infancy and childhood	ICD-10-CM	Diagnosis
F98.4	Stereotyped movement disorders	ICD-10-CM	Diagnosis
F98.5	Adult onset fluency disorder	ICD-10-CM	Diagnosis
F98.8	Other specified behavioral and emotional disorders with onset usually occurring in childhood and adolescence	ICD-10-CM	Diagnosis
F98.9	Unspecified behavioral and emotional disorders with onset usually occurring in childhood and adolescence	ICD-10-CM	Diagnosis
V40.0	Problems with learning	ICD-10-CM	Diagnosis
V40.2	Other mental problems	ICD-10-CM	Diagnosis
V40.39	Other specified behavioral problem	ICD-10-CM	Diagnosis
V40.9	Unspecified mental or behavioral problem	ICD-10-CM	Diagnosis
V41.7	Problems with sexual function	ICD-10-CM	Diagnosis
Anxiety Disorders			
293.84	Anxiety disorder in conditions classified elsewhere	ICD-9-CM	Diagnosis
300.00	Anxiety state, unspecified	ICD-9-CM	Diagnosis
300.01	Panic disorder without agoraphobia	ICD-9-CM	Diagnosis
300.02	Generalized anxiety disorder	ICD-9-CM	Diagnosis
300.09	Other anxiety states	ICD-9-CM	Diagnosis
300.10	Hysteria, unspecified	ICD-9-CM	Diagnosis
300.20	Phobia, unspecified	ICD-9-CM	Diagnosis
300.21	Agoraphobia with panic disorder	ICD-9-CM	Diagnosis
300.22	Agoraphobia without mention of panic attacks	ICD-9-CM	Diagnosis
300.23	Social phobia	ICD-9-CM	Diagnosis
300.29	Other isolated or specific phobias	ICD-9-CM	Diagnosis
300.3	Obsessive-compulsive disorders	ICD-9-CM	Diagnosis
300.5	Neurasthenia	ICD-9-CM	Diagnosis
300.89	Other somatoform disorders	ICD-9-CM	Diagnosis
300.9	Unspecified nonpsychotic mental disorder	ICD-9-CM	Diagnosis
308.1	Predominant disturbance of consciousness as reaction to stress	ICD-9-CM	Diagnosis
308.2	Predominant psychomotor disturbance as reaction to stress	ICD-9-CM	Diagnosis
308.3	Other acute reactions to stress	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
308.4	Mixed disorders as reaction to stress	ICD-9-CM	Diagnosis
308.9	Unspecified acute reaction to stress	ICD-9-CM	Diagnosis
313.0	Overanxious disorder specific to childhood and adolescence	ICD-9-CM	Diagnosis
313.1	Misery and unhappiness disorder specific to childhood and adolescence	ICD-9-CM	Diagnosis
313.21	Shyness disorder of childhood	ICD-9-CM	Diagnosis
313.22	Introverted disorder of childhood	ICD-9-CM	Diagnosis
313.3	Relationship problems specific to childhood and adolescence	ICD-9-CM	Diagnosis
313.82	Identity disorder of childhood or adolescence	ICD-9-CM	Diagnosis
313.83	Academic underachievement disorder of childhood or adolescence	ICD-9-CM	Diagnosis
F06.4	Anxiety disorder due to known physiological condition	ICD-10-CM	Diagnosis
F40	Phobic anxiety disorders	ICD-10-CM	Diagnosis
F40.0	Agoraphobia	ICD-10-CM	Diagnosis
F40.00	Agoraphobia, unspecified	ICD-10-CM	Diagnosis
F40.01	Agoraphobia with panic disorder	ICD-10-CM	Diagnosis
F40.02	Agoraphobia without panic disorder	ICD-10-CM	Diagnosis
F40.1	Social phobias	ICD-10-CM	Diagnosis
F40.10	Social phobia, unspecified	ICD-10-CM	Diagnosis
F40.11	Social phobia, generalized	ICD-10-CM	Diagnosis
F40.2	Specific (isolated) phobias	ICD-10-CM	Diagnosis
F40.21	Animal type phobia	ICD-10-CM	Diagnosis
F40.210	Arachnophobia	ICD-10-CM	Diagnosis
F40.218	Other animal type phobia	ICD-10-CM	Diagnosis
F40.22	Natural environment type phobia	ICD-10-CM	Diagnosis
F40.220	Fear of thunderstorms	ICD-10-CM	Diagnosis
F40.228	Other natural environment type phobia	ICD-10-CM	Diagnosis
F40.23	Blood, injection, injury type phobia	ICD-10-CM	Diagnosis
F40.230	Fear of blood	ICD-10-CM	Diagnosis
F40.231	Fear of injections and transfusions	ICD-10-CM	Diagnosis
F40.232	Fear of other medical care	ICD-10-CM	Diagnosis
F40.233	Fear of injury	ICD-10-CM	Diagnosis
F40.24	Situational type phobia	ICD-10-CM	Diagnosis
F40.240	Claustrophobia	ICD-10-CM	Diagnosis
F40.241	Acrophobia	ICD-10-CM	Diagnosis
F40.242	Fear of bridges	ICD-10-CM	Diagnosis
F40.243	Fear of flying	ICD-10-CM	Diagnosis
F40.248	Other situational type phobia	ICD-10-CM	Diagnosis
F40.29	Other specified phobia	ICD-10-CM	Diagnosis
F40.290	Androphobia	ICD-10-CM	Diagnosis
F40.291	Gynephobia	ICD-10-CM	Diagnosis
F40.298	Other specified phobia	ICD-10-CM	Diagnosis
F40.8	Other phobic anxiety disorders	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F40.9	Phobic anxiety disorder, unspecified	ICD-10-CM	Diagnosis
F41	Other anxiety disorders	ICD-10-CM	Diagnosis
F41.0	Panic disorder [episodic paroxysmal anxiety]	ICD-10-CM	Diagnosis
F41.1	Generalized anxiety disorder	ICD-10-CM	Diagnosis
F41.3	Other mixed anxiety disorders	ICD-10-CM	Diagnosis
F41.8	Other specified anxiety disorders	ICD-10-CM	Diagnosis
F41.9	Anxiety disorder, unspecified	ICD-10-CM	Diagnosis
F42	Obsessive-compulsive disorder	ICD-10-CM	Diagnosis
F42.2	Mixed obsessional thoughts and acts	ICD-10-CM	Diagnosis
F42.3	Hoarding disorder	ICD-10-CM	Diagnosis
F42.4	Excoriation (skin-picking) disorder	ICD-10-CM	Diagnosis
F42.8	Other obsessive-compulsive disorder	ICD-10-CM	Diagnosis
F42.9	Obsessive-compulsive disorder, unspecified	ICD-10-CM	Diagnosis
F43	Reaction to severe stress, and adjustment disorders	ICD-10-CM	Diagnosis
F43.0	Acute stress reaction	ICD-10-CM	Diagnosis
F43.1	Post-traumatic stress disorder (PTSD)	ICD-10-CM	Diagnosis
F43.10	Post-traumatic stress disorder, unspecified	ICD-10-CM	Diagnosis
F43.11	Post-traumatic stress disorder, acute	ICD-10-CM	Diagnosis
F43.12	Post-traumatic stress disorder, chronic	ICD-10-CM	Diagnosis
F44.9	Dissociative and conversion disorder, unspecified	ICD-10-CM	Diagnosis
F45.8	Other somatoform disorders	ICD-10-CM	Diagnosis
F48.8	Other specified nonpsychotic mental disorders	ICD-10-CM	Diagnosis
F48.9	Nonpsychotic mental disorder, unspecified	ICD-10-CM	Diagnosis
F93.8	Other childhood emotional disorders	ICD-10-CM	Diagnosis
F99	Mental disorder, not otherwise specified	ICD-10-CM	Diagnosis
Depressive Disorders			
296.20	Major depressive disorder, single episode, unspecified	ICD-9-CM	Diagnosis
296.21	Major depressive disorder, single episode, mild	ICD-9-CM	Diagnosis
296.22	Major depressive disorder, single episode, moderate	ICD-9-CM	Diagnosis
296.23	Major depressive disorder, single episode, severe, without mention of psychotic behavior	ICD-9-CM	Diagnosis
296.24	Major depressive disorder, single episode, severe, specified as with psychotic behavior	ICD-9-CM	Diagnosis
296.25	Major depressive disorder, single episode, in partial or unspecified remission	ICD-9-CM	Diagnosis
296.26	Major depressive disorder, single episode in full remission	ICD-9-CM	Diagnosis
296.30	Major depressive disorder, recurrent episode, unspecified	ICD-9-CM	Diagnosis
296.31	Major depressive disorder, recurrent episode, mild	ICD-9-CM	Diagnosis
296.32	Major depressive disorder, recurrent episode, moderate	ICD-9-CM	Diagnosis
296.33	Major depressive disorder, recurrent episode, severe, without mention of psychotic behavior	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
296.34	Major depressive disorder, recurrent episode, severe, specified as with psychotic behavior	ICD-9-CM	Diagnosis
296.35	Major depressive disorder, recurrent episode, in partial or unspecified remission	ICD-9-CM	Diagnosis
296.36	Major depressive disorder, recurrent episode, in full remission	ICD-9-CM	Diagnosis
296.50	Bipolar I disorder, most recent episode (or current) depressed, unspecified	ICD-9-CM	Diagnosis
296.51	Bipolar I disorder, most recent episode (or current) depressed, mild	ICD-9-CM	Diagnosis
296.52	Bipolar I disorder, most recent episode (or current) depressed, moderate	ICD-9-CM	Diagnosis
296.53	Bipolar I disorder, most recent episode (or current) depressed, severe, without mention of psychotic behavior	ICD-9-CM	Diagnosis
296.54	Bipolar I disorder, most recent episode (or current) depressed, severe, specified as with psychotic behavior	ICD-9-CM	Diagnosis
296.55	Bipolar I disorder, most recent episode (or current) depressed, in partial or unspecified remission	ICD-9-CM	Diagnosis
296.56	Bipolar I disorder, most recent episode (or current) depressed, in full remission	ICD-9-CM	Diagnosis
296.60	Bipolar I disorder, most recent episode (or current) mixed, unspecified	ICD-9-CM	Diagnosis
296.61	Bipolar I disorder, most recent episode (or current) mixed, mild	ICD-9-CM	Diagnosis
296.62	Bipolar I disorder, most recent episode (or current) mixed, moderate	ICD-9-CM	Diagnosis
296.63	Bipolar I disorder, most recent episode (or current) mixed, severe, without mention of psychotic behavior	ICD-9-CM	Diagnosis
296.64	Bipolar I disorder, most recent episode (or current) mixed, severe, specified as with psychotic behavior	ICD-9-CM	Diagnosis
296.65	Bipolar I disorder, most recent episode (or current) mixed, in partial or unspecified remission	ICD-9-CM	Diagnosis
296.66	Bipolar I disorder, most recent episode (or current) mixed, in full remission	ICD-9-CM	Diagnosis
296.89	Other and unspecified bipolar disorders	ICD-9-CM	Diagnosis
298.0	Depressive type psychosis	ICD-9-CM	Diagnosis
300.4	Dysthymic disorder	ICD-9-CM	Diagnosis
309.0	Adjustment disorder with depressed mood	ICD-9-CM	Diagnosis
309.28	Adjustment disorder with mixed anxiety and depressed mood	ICD-9-CM	Diagnosis
311	Depressive disorder, not elsewhere classified	ICD-9-CM	Diagnosis
F31.3	Bipolar disorder, current episode depressed, mild or moderate severity	ICD-10-CM	Diagnosis
F31.30	Bipolar disorder, current episode depressed, mild or moderate severity, unspecified	ICD-10-CM	Diagnosis
F31.31	Bipolar disorder, current episode depressed, mild	ICD-10-CM	Diagnosis
F31.32	Bipolar disorder, current episode depressed, moderate	ICD-10-CM	Diagnosis
F31.4	Bipolar disorder, current episode depressed, severe, without psychotic features	ICD-10-CM	Diagnosis
F31.5	Bipolar disorder, current episode depressed, severe, with psychotic features	ICD-10-CM	Diagnosis
F31.6	Bipolar disorder, current episode mixed	ICD-10-CM	Diagnosis
F31.60	Bipolar disorder, current episode mixed, unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F31.61	Bipolar disorder, current episode mixed, mild	ICD-10-CM	Diagnosis
F31.62	Bipolar disorder, current episode mixed, moderate	ICD-10-CM	Diagnosis
F31.63	Bipolar disorder, current episode mixed, severe, without psychotic features	ICD-10-CM	Diagnosis
F31.64	Bipolar disorder, current episode mixed, severe, with psychotic features	ICD-10-CM	Diagnosis
F31.7	Bipolar disorder, currently in remission	ICD-10-CM	Diagnosis
F31.70	Bipolar disorder, currently in remission, most recent episode unspecified	ICD-10-CM	Diagnosis
F31.71	Bipolar disorder, in partial remission, most recent episode hypomanic	ICD-10-CM	Diagnosis
F31.72	Bipolar disorder, in full remission, most recent episode hypomanic	ICD-10-CM	Diagnosis
F31.73	Bipolar disorder, in partial remission, most recent episode manic	ICD-10-CM	Diagnosis
F31.74	Bipolar disorder, in full remission, most recent episode manic	ICD-10-CM	Diagnosis
F31.75	Bipolar disorder, in partial remission, most recent episode depressed	ICD-10-CM	Diagnosis
F31.76	Bipolar disorder, in full remission, most recent episode depressed	ICD-10-CM	Diagnosis
F31.77	Bipolar disorder, in partial remission, most recent episode mixed	ICD-10-CM	Diagnosis
F31.78	Bipolar disorder, in full remission, most recent episode mixed	ICD-10-CM	Diagnosis
F31.81	Bipolar II disorder	ICD-10-CM	Diagnosis
F32.0	Major depressive disorder, single episode, mild	ICD-10-CM	Diagnosis
F32.1	Major depressive disorder, single episode, moderate	ICD-10-CM	Diagnosis
F32.2	Major depressive disorder, single episode, severe without psychotic features	ICD-10-CM	Diagnosis
F32.3	Major depressive disorder, single episode, severe with psychotic features	ICD-10-CM	Diagnosis
F32.4	Major depressive disorder, single episode, in partial remission	ICD-10-CM	Diagnosis
F32.5	Major depressive disorder, single episode, in full remission	ICD-10-CM	Diagnosis
F32.9	Major depressive disorder, single episode, unspecified	ICD-10-CM	Diagnosis
F33.0	Major depressive disorder, recurrent, mild	ICD-10-CM	Diagnosis
F33.1	Major depressive disorder, recurrent, moderate	ICD-10-CM	Diagnosis
F33.2	Major depressive disorder, recurrent severe without psychotic features	ICD-10-CM	Diagnosis
F33.3	Major depressive disorder, recurrent, severe with psychotic symptoms	ICD-10-CM	Diagnosis
F33.4	Major depressive disorder, recurrent, in remission	ICD-10-CM	Diagnosis
F33.40	Major depressive disorder, recurrent, in remission, unspecified	ICD-10-CM	Diagnosis
F33.41	Major depressive disorder, recurrent, in partial remission	ICD-10-CM	Diagnosis
F33.42	Major depressive disorder, recurrent, in full remission	ICD-10-CM	Diagnosis
F33.8	Other recurrent depressive disorders	ICD-10-CM	Diagnosis
F33.9	Major depressive disorder, recurrent, unspecified	ICD-10-CM	Diagnosis
F34.1	Dysthymic disorder	ICD-10-CM	Diagnosis
F43.21	Adjustment disorder with depressed mood	ICD-10-CM	Diagnosis
F43.23	Adjustment disorder with mixed anxiety and depressed mood	ICD-10-CM	Diagnosis
Cardiac Malformations			
745	Bulbus cordis anomalies and anomalies of cardiac septal closure	ICD-9-CM	Diagnosis
745.0	Bulbus cordis anomalies and anomalies of cardiac septal closure, common truncus	ICD-9-CM	Diagnosis
745.1	Transposition of great vessels	ICD-9-CM	Diagnosis
745.1	Complete transposition of great vessels	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
745.11	Transposition of great vessels, double outlet right ventricle	ICD-9-CM	Diagnosis
745.12	Corrected transposition of great vessels	ICD-9-CM	Diagnosis
745.19	Other transposition of great vessels	ICD-9-CM	Diagnosis
745.2	Tetralogy of Fallot	ICD-9-CM	Diagnosis
745.3	Bulbus cordis anomalies and anomalies of cardiac septal closure, common ventricle	ICD-9-CM	Diagnosis
745.6	Endocardial cushion defects	ICD-9-CM	Diagnosis
745.6	Unspecified type congenital endocardial cushion defect	ICD-9-CM	Diagnosis
745.61	Ostium primum defect	ICD-9-CM	Diagnosis
745.69	Other congenital endocardial cushion defect	ICD-9-CM	Diagnosis
745.7	Cor biloculare	ICD-9-CM	Diagnosis
745.8	Other bulbus cordis anomalies and anomalies of cardiac septal closure	ICD-9-CM	Diagnosis
745.9	Unspecified congenital defect of septal closure	ICD-9-CM	Diagnosis
746	Other congenital anomalies of heart	ICD-9-CM	Diagnosis
746	Unspecified congenital pulmonary valve anomaly	ICD-9-CM	Diagnosis
746.1	Congenital tricuspid atresia and stenosis	ICD-9-CM	Diagnosis
746.2	Ebstein's anomaly	ICD-9-CM	Diagnosis
746.3	Congenital stenosis of aortic valve	ICD-9-CM	Diagnosis
746.5	Congenital mitral stenosis	ICD-9-CM	Diagnosis
746.7	Hypoplastic left heart syndrome	ICD-9-CM	Diagnosis
746.8	Other specified congenital anomaly of heart	ICD-9-CM	Diagnosis
746.80		ICD-9-CM	Diagnosis
746.81	Congenital subaortic stenosis	ICD-9-CM	Diagnosis
746.82	Cor triatriatum	ICD-9-CM	Diagnosis
746.84	Congenital obstructive anomalies of heart, not elsewhere classified	ICD-9-CM	Diagnosis
746.85	Congenital coronary artery anomaly	ICD-9-CM	Diagnosis
746.86	Congenital heart block	ICD-9-CM	Diagnosis
746.87	Congenital malposition of heart and cardiac apex	ICD-9-CM	Diagnosis
746.89	Other specified congenital anomaly of heart	ICD-9-CM	Diagnosis
747	Other congenital anomalies of circulatory system	ICD-9-CM	Diagnosis
747.1	Coarctation of aorta	ICD-9-CM	Diagnosis
747.1	Coarctation of aorta (preductal) (postductal)	ICD-9-CM	Diagnosis
747.11	Congenital interruption of aortic arch	ICD-9-CM	Diagnosis
747.2	Other congenital anomaly of aorta	ICD-9-CM	Diagnosis
747.2	Unspecified congenital anomaly of aorta	ICD-9-CM	Diagnosis
747.21	Congenital anomaly of aortic arch	ICD-9-CM	Diagnosis
747.22	Congenital atresia and stenosis of aorta	ICD-9-CM	Diagnosis
747.29	Other congenital anomaly of aorta	ICD-9-CM	Diagnosis
747.4	Congenital anomalies of great veins	ICD-9-CM	Diagnosis
747.4	Congenital anomaly of great veins unspecified	ICD-9-CM	Diagnosis
747.41	Total congenital anomalous pulmonary venous connection	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
747.42	Partial congenital anomalous pulmonary venous connection	ICD-9-CM	Diagnosis
747.49	Other congenital anomalies of great veins	ICD-9-CM	Diagnosis
747.6	Other congenital anomaly of peripheral vascular system	ICD-9-CM	Diagnosis
747.6	Congenital anomaly of the peripheral vascular system, unspecified site	ICD-9-CM	Diagnosis
747.61	Congenital gastrointestinal vessel anomaly	ICD-9-CM	Diagnosis
747.62	Congenital renal vessel anomaly	ICD-9-CM	Diagnosis
747.63	Congenital upper limb vessel anomaly	ICD-9-CM	Diagnosis
747.64	Congenital lower limb vessel anomaly	ICD-9-CM	Diagnosis
747.68		ICD-9-CM	Diagnosis
747.8	Other specified congenital anomalies of circulatory system	ICD-9-CM	Diagnosis
747.81	Congenital anomaly of cerebrovascular system	ICD-9-CM	Diagnosis
747.82	Congenital spinal vessel anomaly	ICD-9-CM	Diagnosis
747.83	Persistent fetal circulation	ICD-9-CM	Diagnosis
747.89	Other specified congenital anomaly of circulatory system	ICD-9-CM	Diagnosis
746.01	Congenital atresia of pulmonary valve	ICD-9-CM	Diagnosis
746.02	Congenital stenosis of pulmonary valve	ICD-9-CM	Diagnosis
746.09	Other congenital anomalies of pulmonary valve	ICD-9-CM	Diagnosis
746.83	Congenital infundibular pulmonic stenosis	ICD-9-CM	Diagnosis
747.3	Anomalies of pulmonary artery	ICD-9-CM	Diagnosis
747.31	Pulmonary artery coarctation and atresia	ICD-9-CM	Diagnosis
747.32	Pulmonary arteriovenous malformation	ICD-9-CM	Diagnosis
747.39	Other anomalies of pulmonary artery and pulmonary circulation	ICD-9-CM	Diagnosis
745.4	Ventricular septal defect	ICD-9-CM	Diagnosis
I27.83	Eisenmenger's syndrome	ICD-10-CM	Diagnosis
P29.30	Pulmonary hypertension of newborn	ICD-10-CM	Diagnosis
P29.38	Other persistent fetal circulation	ICD-10-CM	Diagnosis
Q20.0	Common arterial trunk	ICD-10-CM	Diagnosis
Q20.1	Double outlet right ventricle	ICD-10-CM	Diagnosis
Q20.2	Double outlet left ventricle	ICD-10-CM	Diagnosis
Q20.3	Discordant ventriculoarterial connection	ICD-10-CM	Diagnosis
Q20.4	Double inlet ventricle	ICD-10-CM	Diagnosis
Q20.5	Discordant atrioventricular connection	ICD-10-CM	Diagnosis
Q20.6	Isomerism of atrial appendages	ICD-10-CM	Diagnosis
Q20.8	Other congenital malformations of cardiac chambers and connections	ICD-10-CM	Diagnosis
Q21.0	Ventricular septal defect	ICD-10-CM	Diagnosis
Q21.1	Atrial Septal Defect	ICD-10-CM	Diagnosis
Q21.2	Atrioventricular septal defect	ICD-10-CM	Diagnosis
Q21.3	Tetralogy of Fallot	ICD-10-CM	Diagnosis
Q21.4	Aortopulmonary septal defect	ICD-10-CM	Diagnosis
Q21.8	Other congenital malformations of cardiac septa	ICD-10-CM	Diagnosis
Q21.9	Congenital malformation of cardiac septum, unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Q22.0	Pulmonary valve atresia	ICD-10-CM	Diagnosis
Q22.1	Congenital pulmonary valve stenosis	ICD-10-CM	Diagnosis
Q22.2	Congenital pulmonary valve insufficiency	ICD-10-CM	Diagnosis
Q22.3	Other congenital malformations of pulmonary valve	ICD-10-CM	Diagnosis
Q22.4	Congenital tricuspid stenosis	ICD-10-CM	Diagnosis
Q22.5	Ebstein's anomaly	ICD-10-CM	Diagnosis
Q22.6	Hypoplastic right heart syndrome	ICD-10-CM	Diagnosis
Q22.8	Other congenital malformations of tricuspid valve	ICD-10-CM	Diagnosis
Q22.9	Congenital malformation of tricuspid valve, unspecified	ICD-10-CM	Diagnosis
Q23.0	Congenital stenosis of aortic valve	ICD-10-CM	Diagnosis
Q23.1	Atresia of aorta	ICD-10-CM	Diagnosis
Q23.2	Congenital mitral stenosis	ICD-10-CM	Diagnosis
Q23.4	Hypoplastic left heart syndrome	ICD-10-CM	Diagnosis
Q23.8	Other congenital malformations of aortic and mitral valves	ICD-10-CM	Diagnosis
Q23.9	Congenital malformation of aortic and mitral valves, unspecified	ICD-10-CM	Diagnosis
Q24.0	Dextrocardia	ICD-10-CM	Diagnosis
Q24.1	Levocardia	ICD-10-CM	Diagnosis
Q24.2	Cor triatriatum	ICD-10-CM	Diagnosis
Q24.3	Pulmonary infundibular stenosis	ICD-10-CM	Diagnosis
Q24.4	Congenital subaortic stenosis	ICD-10-CM	Diagnosis
Q24.5	Malformation of coronary vessels	ICD-10-CM	Diagnosis
Q24.6	Congenital heart block	ICD-10-CM	Diagnosis
Q24.8	Other specified congenital malformations of heart	ICD-10-CM	Diagnosis
Q25.1	Coarctation of aorta	ICD-10-CM	Diagnosis
Q25.2	Other congenital malformations of pulmonary artery	ICD-10-CM	Diagnosis
Q25.21	Interruption of aortic arch	ICD-10-CM	Diagnosis
Q25.29	Other atresia of aorta	ICD-10-CM	Diagnosis
Q25.3	Supravalvular aortic stenosis	ICD-10-CM	Diagnosis
Q25.40	Congenital malformation of aorta unspecified	ICD-10-CM	Diagnosis
Q25.41	Absence and aplasia of aorta	ICD-10-CM	Diagnosis
Q25.42	Hypoplasia of aorta	ICD-10-CM	Diagnosis
Q25.43	Congenital aneurysm of aorta	ICD-10-CM	Diagnosis
Q25.44	Congenital dilation of aorta	ICD-10-CM	Diagnosis
Q25.45	Double aortic arch	ICD-10-CM	Diagnosis
Q25.46	Tortuous aortic arch	ICD-10-CM	Diagnosis
Q25.47	Right aortic arch	ICD-10-CM	Diagnosis
Q25.48	Anomalous origin of subclavian artery	ICD-10-CM	Diagnosis
Q25.49	Other congenital malformations of aorta	ICD-10-CM	Diagnosis
Q25.5	Atresia of pulmonary artery	ICD-10-CM	Diagnosis
Q25.6	Stenosis of pulmonary artery	ICD-10-CM	Diagnosis
Q25.7	Congenital Insufficiency of aortic valve	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Q25.71	Coarctation of pulmonary artery	ICD-10-CM	Diagnosis
Q25.72	Congenital pulmonary arteriovenous malformation	ICD-10-CM	Diagnosis
Q25.79	Other congenital malformations of pulmonary artery	ICD-10-CM	Diagnosis
Q25.8	Other congenital malformations of other great arteries	ICD-10-CM	Diagnosis
Q25.9	Congenital malformation of great arteries, unspecified	ICD-10-CM	Diagnosis
Q26.0	Congenital stenosis of vena cava	ICD-10-CM	Diagnosis
Q26.1	Persistent left superior vena cava	ICD-10-CM	Diagnosis
Q26.2	Total anomalous pulmonary venous connection	ICD-10-CM	Diagnosis
Q26.3	Partial anomalous pulmonary venous connection	ICD-10-CM	Diagnosis
Q26.4	Anomalous pulmonary venous connection, unspecified	ICD-10-CM	Diagnosis
Q26.5	Anomalous portal venous connection	ICD-10-CM	Diagnosis
Q26.6	Portal vein-hepatic artery fistula	ICD-10-CM	Diagnosis
Q26.8	Other congenital malformations of great veins	ICD-10-CM	Diagnosis
Q26.9	Congenital malformation of great vein, unspecified	ICD-10-CM	Diagnosis
Q27.1	Congenital renal artery stenosis	ICD-10-CM	Diagnosis
Q27.2	Other congenital malformations of renal artery	ICD-10-CM	Diagnosis
Q27.30	Arteriovenous malformation, site unspecified	ICD-10-CM	Diagnosis
Q27.31	Arteriovenous malformation of vessel of upper limb	ICD-10-CM	Diagnosis
Q27.32	Arteriovenous malformation of vessel of lower limb	ICD-10-CM	Diagnosis
Q27.33	Arteriovenous malformation of digestive system vessel	ICD-10-CM	Diagnosis
Q27.34	Arteriovenous malformation of renal vessel	ICD-10-CM	Diagnosis
Q27.4	Congenital phlebectasia	ICD-10-CM	Diagnosis
Q27.9	Congenital malformation of peripheral vascular system, unspecified	ICD-10-CM	Diagnosis
Q28.0	Arteriovenous malformation of precerebral vessels	ICD-10-CM	Diagnosis
Q28.1	Other malformations of precerebral vessels	ICD-10-CM	Diagnosis
Q28.2	Arteriovenous malformation of cerebral vessels	ICD-10-CM	Diagnosis
Q28.3	Other malformations of cerebral vessels	ICD-10-CM	Diagnosis
Q28.8	Other specified congenital malformations of circulatory system	ICD-10-CM	Diagnosis
Diabetes			
249.00	Secondary diabetes mellitus without mention of complication, not stated as uncontrolled, or unspecified	ICD-9-CM	Diagnosis
249.01	Secondary diabetes mellitus without mention of complication, uncontrolled	ICD-9-CM	Diagnosis
249.10	Secondary diabetes mellitus with ketoacidosis, not stated as uncontrolled, or unspecified	ICD-9-CM	Diagnosis
249.11	Secondary diabetes mellitus with ketoacidosis, uncontrolled	ICD-9-CM	Diagnosis
249.20	Secondary diabetes mellitus with hyperosmolarity, not stated as uncontrolled, or unspecified	ICD-9-CM	Diagnosis
249.21	Secondary diabetes mellitus with hyperosmolarity, uncontrolled	ICD-9-CM	Diagnosis
249.30	Secondary diabetes mellitus with other coma, not stated as uncontrolled, or unspecified	ICD-9-CM	Diagnosis
249.31	Secondary diabetes mellitus with other coma, uncontrolled	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
249.40	Secondary diabetes mellitus with renal manifestations, not stated as uncontrolled, or unspecified	ICD-9-CM	Diagnosis
249.41	Secondary diabetes mellitus with renal manifestations, uncontrolled	ICD-9-CM	Diagnosis
249.50	Secondary diabetes mellitus with ophthalmic manifestations, not stated as uncontrolled, or unspecified	ICD-9-CM	Diagnosis
249.51	Secondary diabetes mellitus with ophthalmic manifestations, uncontrolled	ICD-9-CM	Diagnosis
249.60	Secondary diabetes mellitus with neurological manifestations, not stated as uncontrolled, or unspecified	ICD-9-CM	Diagnosis
249.61	Secondary diabetes mellitus with neurological manifestations, uncontrolled	ICD-9-CM	Diagnosis
249.70	Secondary diabetes mellitus with peripheral circulatory disorders, not stated as uncontrolled, or unspecified	ICD-9-CM	Diagnosis
249.71	Secondary diabetes mellitus with peripheral circulatory disorders, uncontrolled	ICD-9-CM	Diagnosis
249.80	Secondary diabetes mellitus with other specified manifestations, not stated as uncontrolled, or unspecified	ICD-9-CM	Diagnosis
249.81	Secondary diabetes mellitus with other specified manifestations, uncontrolled	ICD-9-CM	Diagnosis
249.90	Secondary diabetes mellitus with unspecified complication, not stated as uncontrolled, or unspecified	ICD-9-CM	Diagnosis
249.91	Secondary diabetes mellitus with unspecified complication, uncontrolled	ICD-9-CM	Diagnosis
250.00	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	ICD-9-CM	Diagnosis
250.01	Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled	ICD-9-CM	Diagnosis
250.02	Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled	ICD-9-CM	Diagnosis
250.03	Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled	ICD-9-CM	Diagnosis
250.10	Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled	ICD-9-CM	Diagnosis
250.11	Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled	ICD-9-CM	Diagnosis
250.12	Diabetes with ketoacidosis, type II or unspecified type, uncontrolled	ICD-9-CM	Diagnosis
250.13	Diabetes with ketoacidosis, type I [juvenile type], uncontrolled	ICD-9-CM	Diagnosis
250.20	Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	ICD-9-CM	Diagnosis
250.21	Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled	ICD-9-CM	Diagnosis
250.22	Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	ICD-9-CM	Diagnosis
250.23	Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	ICD-9-CM	Diagnosis
250.30	Diabetes with other coma, type II or unspecified type, not stated as uncontrolled	ICD-9-CM	Diagnosis
250.31	Diabetes with other coma, type I [juvenile type], not stated as uncontrolled	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
250.32	Diabetes with other coma, type II or unspecified type, uncontrolled	ICD-9-CM	Diagnosis
250.33	Diabetes with other coma, type I [juvenile type], uncontrolled	ICD-9-CM	Diagnosis
250.40	Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM	Diagnosis
250.41	Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM	Diagnosis
250.42	Diabetes with renal manifestations, type II or unspecified type, uncontrolled	ICD-9-CM	Diagnosis
250.43	Diabetes with renal manifestations, type I [juvenile type], uncontrolled	ICD-9-CM	Diagnosis
250.50	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM	Diagnosis
250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM	Diagnosis
250.52	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	ICD-9-CM	Diagnosis
250.53	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	ICD-9-CM	Diagnosis
250.60	Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM	Diagnosis
250.61	Diabetes with neurological manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM	Diagnosis
250.62	Diabetes with neurological manifestations, type II or unspecified type, uncontrolled	ICD-9-CM	Diagnosis
250.63	Diabetes with neurological manifestations, type I [juvenile type], uncontrolled	ICD-9-CM	Diagnosis
250.70	Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled	ICD-9-CM	Diagnosis
250.71	Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled	ICD-9-CM	Diagnosis
250.72	Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled	ICD-9-CM	Diagnosis
250.73	Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled	ICD-9-CM	Diagnosis
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	ICD-9-CM	Diagnosis
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	ICD-9-CM	Diagnosis
250.82	Diabetes with other specified manifestations, type II or unspecified type, uncontrolled	ICD-9-CM	Diagnosis
250.83	Diabetes with other specified manifestations, type I [juvenile type], uncontrolled	ICD-9-CM	Diagnosis
250.90	Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
250.91	Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled	ICD-9-CM	Diagnosis
250.92	Diabetes with unspecified complication, type II or unspecified type, uncontrolled	ICD-9-CM	Diagnosis
250.93	Diabetes with unspecified complication, type I [juvenile type], uncontrolled	ICD-9-CM	Diagnosis
357.2	Polyneuropathy in diabetes	ICD-9-CM	Diagnosis
362.01	Background diabetic retinopathy	ICD-9-CM	Diagnosis
362.02	Proliferative diabetic retinopathy	ICD-9-CM	Diagnosis
362.03	Nonproliferative diabetic retinopathy NOS	ICD-9-CM	Diagnosis
362.04	Mild nonproliferative diabetic retinopathy	ICD-9-CM	Diagnosis
362.05	Moderate nonproliferative diabetic retinopathy	ICD-9-CM	Diagnosis
362.06	Severe nonproliferative diabetic retinopathy	ICD-9-CM	Diagnosis
366.41	Diabetic cataract	ICD-9-CM	Diagnosis
648.00	Maternal diabetes mellitus, complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	ICD-9-CM	Diagnosis
648.01	Maternal diabetes mellitus with delivery	ICD-9-CM	Diagnosis
648.02	Maternal diabetes mellitus with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.03	Maternal diabetes mellitus, antepartum	ICD-9-CM	Diagnosis
648.04	Maternal diabetes mellitus, complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	ICD-9-CM	Diagnosis
E08.00	Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	ICD-10-CM	Diagnosis
E08.01	Diabetes mellitus due to underlying condition with hyperosmolarity with coma	ICD-10-CM	Diagnosis
E08.10	Diabetes mellitus due to underlying condition with ketoacidosis without coma	ICD-10-CM	Diagnosis
E08.11	Diabetes mellitus due to underlying condition with ketoacidosis with coma	ICD-10-CM	Diagnosis
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	ICD-10-CM	Diagnosis
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication	ICD-10-CM	Diagnosis
E08.311	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E08.319	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E08.321	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E08.3211	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E08.3212	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E08.3213	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E08.3219	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.329	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E08.3291	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E08.3292	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E08.3293	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E08.3299	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.331	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E08.3311	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E08.3312	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E08.3313	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E08.3319	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.339	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E08.3391	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E08.3392	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E08.3399	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.341	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E08.3411	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E08.3412	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E08.3413	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E08.3419	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.349	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E08.3491	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E08.3492	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E08.3493	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E08.3499	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.351	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E08.3511	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E08.3512	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E08.3513	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E08.3519	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.3521	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	ICD-10-CM	Diagnosis
E08.3522	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	ICD-10-CM	Diagnosis
E08.3523	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	ICD-10-CM	Diagnosis
E08.3529	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E08.3531	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	ICD-10-CM	Diagnosis
E08.3532	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E08.3533	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	ICD-10-CM	Diagnosis
E08.3539	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E08.3541	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	ICD-10-CM	Diagnosis
E08.3542	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	ICD-10-CM	Diagnosis
E08.3543	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	ICD-10-CM	Diagnosis
E08.3549	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	ICD-10-CM	Diagnosis
E08.3551	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E08.3552	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E08.3553	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E08.3559	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM	Diagnosis
E08.359	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E08.3591	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E08.3592	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E08.3599	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	ICD-10-CM	Diagnosis
E08.37X1	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM	Diagnosis
E08.37X2	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E08.37X3	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM	Diagnosis
E08.37X9	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM	Diagnosis
E08.39	Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E08.40	Diabetes mellitus due to underlying condition with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E08.43	Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E08.44	Diabetes mellitus due to underlying condition with diabetic amyotrophy	ICD-10-CM	Diagnosis
E08.49	Diabetes mellitus due to underlying condition with other diabetic neurological complication	ICD-10-CM	Diagnosis
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E08.59	Diabetes mellitus due to underlying condition with other circulatory complications	ICD-10-CM	Diagnosis
E08.610	Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E08.618	Diabetes mellitus due to underlying condition with other diabetic arthropathy	ICD-10-CM	Diagnosis
E08.620	Diabetes mellitus due to underlying condition with diabetic dermatitis	ICD-10-CM	Diagnosis
E08.621	Diabetes mellitus due to underlying condition with foot ulcer	ICD-10-CM	Diagnosis
E08.622	Diabetes mellitus due to underlying condition with other skin ulcer	ICD-10-CM	Diagnosis
E08.628	Diabetes mellitus due to underlying condition with other skin complications	ICD-10-CM	Diagnosis
E08.630	Diabetes mellitus due to underlying condition with periodontal disease	ICD-10-CM	Diagnosis
E08.638	Diabetes mellitus due to underlying condition with other oral complications	ICD-10-CM	Diagnosis
E08.641	Diabetes mellitus due to underlying condition with hypoglycemia with coma	ICD-10-CM	Diagnosis
E08.649	Diabetes mellitus due to underlying condition with hypoglycemia without coma	ICD-10-CM	Diagnosis
E08.65	Diabetes mellitus due to underlying condition with hyperglycemia	ICD-10-CM	Diagnosis
E08.69	Diabetes mellitus due to underlying condition with other specified complication	ICD-10-CM	Diagnosis
E08.8	Diabetes mellitus due to underlying condition with unspecified complications	ICD-10-CM	Diagnosis
E08.9	Diabetes mellitus due to underlying condition without complications	ICD-10-CM	Diagnosis

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

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Code	Description	Code Type	Code Category
E09.3319	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E09.339	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E09.3391	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E09.3392	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E09.3393	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E09.3399	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E09.341	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E09.3411	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E09.3412	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E09.3413	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E09.3419	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E09.349	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E09.3491	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E09.3492	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E09.3493	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E09.3499	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E09.351	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E09.3511	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E09.3512	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E09.3513	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E09.3519	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E09.3521	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	ICD-10-CM	Diagnosis
E09.3522	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	ICD-10-CM	Diagnosis
E09.3523	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	ICD-10-CM	Diagnosis
E09.3529	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E09.3531	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	ICD-10-CM	Diagnosis
E09.3532	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	ICD-10-CM	Diagnosis
E09.3533	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	ICD-10-CM	Diagnosis
E09.3539	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E09.3541	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	ICD-10-CM	Diagnosis
E09.3542	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	ICD-10-CM	Diagnosis
E09.3543	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	ICD-10-CM	Diagnosis
E09.3549	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	ICD-10-CM	Diagnosis
E09.3551	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E09.3552	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E09.3553	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E09.3559	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E09.359	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E09.3591	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E09.3592	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E09.3593	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E09.3599	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E09.37X1	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM	Diagnosis
E09.37X2	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM	Diagnosis
E09.37X3	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM	Diagnosis
E09.37X9	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM	Diagnosis
E09.39	Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E09.40	Drug or chemical induced diabetes mellitus with neurological complications with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E09.41	Drug or chemical induced diabetes mellitus with neurological complications with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E09.42	Drug or chemical induced diabetes mellitus with neurological complications with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E09.43	Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E09.44	Drug or chemical induced diabetes mellitus with neurological complications with diabetic amyotrophy	ICD-10-CM	Diagnosis
E09.49	Drug or chemical induced diabetes mellitus with neurological complications with other diabetic neurological complication	ICD-10-CM	Diagnosis
E09.51	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E09.52	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E09.59	Drug or chemical induced diabetes mellitus with other circulatory complications	ICD-10-CM	Diagnosis
E09.610	Drug or chemical induced diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E09.618	Drug or chemical induced diabetes mellitus with other diabetic arthropathy	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E09.620	Drug or chemical induced diabetes mellitus with diabetic dermatitis	ICD-10-CM	Diagnosis
E09.621	Drug or chemical induced diabetes mellitus with foot ulcer	ICD-10-CM	Diagnosis
E09.622	Drug or chemical induced diabetes mellitus with other skin ulcer	ICD-10-CM	Diagnosis
E09.628	Drug or chemical induced diabetes mellitus with other skin complications	ICD-10-CM	Diagnosis
E09.630	Drug or chemical induced diabetes mellitus with periodontal disease	ICD-10-CM	Diagnosis
E09.638	Drug or chemical induced diabetes mellitus with other oral complications	ICD-10-CM	Diagnosis
E09.641	Drug or chemical induced diabetes mellitus with hypoglycemia with coma	ICD-10-CM	Diagnosis
E09.649	Drug or chemical induced diabetes mellitus with hypoglycemia without coma	ICD-10-CM	Diagnosis
E09.65	Drug or chemical induced diabetes mellitus with hyperglycemia	ICD-10-CM	Diagnosis
E09.69	Drug or chemical induced diabetes mellitus with other specified complication	ICD-10-CM	Diagnosis
E09.8	Drug or chemical induced diabetes mellitus with unspecified complications	ICD-10-CM	Diagnosis
E09.9	Drug or chemical induced diabetes mellitus without complications	ICD-10-CM	Diagnosis
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	ICD-10-CM	Diagnosis
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	ICD-10-CM	Diagnosis
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E10.321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E10.3299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis

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

Code	Description	Code Type	Code Category
E10.351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E10.359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E10.36	Type 1 diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM	Diagnosis
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM	Diagnosis
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM	Diagnosis
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM	Diagnosis
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy	ICD-10-CM	Diagnosis
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication	ICD-10-CM	Diagnosis
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E10.59	Type 1 diabetes mellitus with other circulatory complications	ICD-10-CM	Diagnosis
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	ICD-10-CM	Diagnosis
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	ICD-10-CM	Diagnosis
E10.621	Type 1 diabetes mellitus with foot ulcer	ICD-10-CM	Diagnosis
E10.622	Type 1 diabetes mellitus with other skin ulcer	ICD-10-CM	Diagnosis
E10.628	Type 1 diabetes mellitus with other skin complications	ICD-10-CM	Diagnosis
E10.630	Type 1 diabetes mellitus with periodontal disease	ICD-10-CM	Diagnosis
E10.638	Type 1 diabetes mellitus with other oral complications	ICD-10-CM	Diagnosis
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	ICD-10-CM	Diagnosis
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	ICD-10-CM	Diagnosis

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

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Code	Description	Code Type	Code Category
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	ICD-10-CM	Diagnosis
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	ICD-10-CM	Diagnosis
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	ICD-10-CM	Diagnosis
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	ICD-10-CM	Diagnosis
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	ICD-10-CM	Diagnosis
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	ICD-10-CM	Diagnosis
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	ICD-10-CM	Diagnosis
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	ICD-10-CM	Diagnosis
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	ICD-10-CM	Diagnosis
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	ICD-10-CM	Diagnosis
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM	Diagnosis
E11.359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E11.36	Type 2 diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	ICD-10-CM	Diagnosis
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	ICD-10-CM	Diagnosis
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	ICD-10-CM	Diagnosis
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	ICD-10-CM	Diagnosis
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	ICD-10-CM	Diagnosis
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	ICD-10-CM	Diagnosis
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E11.59	Type 2 diabetes mellitus with other circulatory complications	ICD-10-CM	Diagnosis
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	ICD-10-CM	Diagnosis
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	ICD-10-CM	Diagnosis
E11.621	Type 2 diabetes mellitus with foot ulcer	ICD-10-CM	Diagnosis
E11.622	Type 2 diabetes mellitus with other skin ulcer	ICD-10-CM	Diagnosis
E11.628	Type 2 diabetes mellitus with other skin complications	ICD-10-CM	Diagnosis
E11.630	Type 2 diabetes mellitus with periodontal disease	ICD-10-CM	Diagnosis
E11.638	Type 2 diabetes mellitus with other oral complications	ICD-10-CM	Diagnosis
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	ICD-10-CM	Diagnosis
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	ICD-10-CM	Diagnosis
E11.65	Type 2 diabetes mellitus with hyperglycemia	ICD-10-CM	Diagnosis
E11.69	Type 2 diabetes mellitus with other specified complication	ICD-10-CM	Diagnosis
E11.8	Type 2 diabetes mellitus with unspecified complications	ICD-10-CM	Diagnosis
E11.9	Type 2 diabetes mellitus without complications	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E13.00	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	ICD-10-CM	Diagnosis
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma	ICD-10-CM	Diagnosis
E13.10	Other specified diabetes mellitus with ketoacidosis without coma	ICD-10-CM	Diagnosis
E13.11	Other specified diabetes mellitus with ketoacidosis with coma	ICD-10-CM	Diagnosis
E13.21	Other specified diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E13.321	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E13.3211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E13.3212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.329	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E13.3292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.331	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E13.3311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E13.3312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E13.339	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E13.3391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E13.3392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.341	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E13.3411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E13.3412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.349	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E13.3491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	ICD-10-CM	Diagnosis
E13.3492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	ICD-10-CM	Diagnosis
E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.351	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E13.3511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	ICD-10-CM	Diagnosis
E13.3512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	ICD-10-CM	Diagnosis
E13.3513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	ICD-10-CM	Diagnosis
E13.3519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	ICD-10-CM	Diagnosis
E13.3521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E13.3522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	ICD-10-CM	Diagnosis
E13.3523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	ICD-10-CM	Diagnosis
E13.3529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E13.3531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	ICD-10-CM	Diagnosis
E13.3532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	ICD-10-CM	Diagnosis
E13.3533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	ICD-10-CM	Diagnosis
E13.3539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	ICD-10-CM	Diagnosis
E13.3541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	ICD-10-CM	Diagnosis
E13.3542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	ICD-10-CM	Diagnosis
E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	ICD-10-CM	Diagnosis
E13.3549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	ICD-10-CM	Diagnosis
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E13.3552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E13.3559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM	Diagnosis
E13.359	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E13.36	Other specified diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E13.43	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E13.44	Other specified diabetes mellitus with diabetic amyotrophy	ICD-10-CM	Diagnosis
E13.49	Other specified diabetes mellitus with other diabetic neurological complication	ICD-10-CM	Diagnosis
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E13.59	Other specified diabetes mellitus with other circulatory complications	ICD-10-CM	Diagnosis
E13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E13.618	Other specified diabetes mellitus with other diabetic arthropathy	ICD-10-CM	Diagnosis
E13.620	Other specified diabetes mellitus with diabetic dermatitis	ICD-10-CM	Diagnosis
E13.621	Other specified diabetes mellitus with foot ulcer	ICD-10-CM	Diagnosis
E13.622	Other specified diabetes mellitus with other skin ulcer	ICD-10-CM	Diagnosis
E13.628	Other specified diabetes mellitus with other skin complications	ICD-10-CM	Diagnosis
E13.630	Other specified diabetes mellitus with periodontal disease	ICD-10-CM	Diagnosis
E13.638	Other specified diabetes mellitus with other oral complications	ICD-10-CM	Diagnosis
E13.641	Other specified diabetes mellitus with hypoglycemia with coma	ICD-10-CM	Diagnosis
E13.649	Other specified diabetes mellitus with hypoglycemia without coma	ICD-10-CM	Diagnosis
E13.65	Other specified diabetes mellitus with hyperglycemia	ICD-10-CM	Diagnosis
E13.69	Other specified diabetes mellitus with other specified complication	ICD-10-CM	Diagnosis
E13.8	Other specified diabetes mellitus with unspecified complications	ICD-10-CM	Diagnosis
E13.9	Other specified diabetes mellitus without complications	ICD-10-CM	Diagnosis
O24.01	Pre-existing type 1 diabetes mellitus, in pregnancy	ICD-10-CM	Diagnosis
O24.02	Pre-existing type 1 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O24.03	Pre-existing type 1 diabetes mellitus, in the puerperium	ICD-10-CM	Diagnosis
O24.11	Pre-existing type 2 diabetes mellitus, in pregnancy	ICD-10-CM	Diagnosis
O24.12	Pre-existing type 2 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O24.13	Pre-existing type 2 diabetes mellitus, in the puerperium	ICD-10-CM	Diagnosis
O24.31	Unspecified pre-existing diabetes mellitus in pregnancy	ICD-10-CM	Diagnosis
O24.32	Unspecified pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.33	Unspecified pre-existing diabetes mellitus in the puerperium	ICD-10-CM	Diagnosis
O24.81	Other pre-existing diabetes mellitus in pregnancy	ICD-10-CM	Diagnosis
O24.82	Other pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.83	Other pre-existing diabetes mellitus in the puerperium	ICD-10-CM	Diagnosis
O24.0	Pre-existing type 1 diabetes mellitus, in pregnancy, childbirth and the puerperium	ICD-10-CM	Diagnosis
O24.011	Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.012	Pre-existing type 1 diabetes mellitus, in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.013	Pre-existing type 1 diabetes mellitus, in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.019	Pre-existing type 1 diabetes mellitus, in pregnancy, unspecified trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O24.1	Pre-existing type 2 diabetes mellitus, in pregnancy, childbirth and the puerperium	ICD-10-CM	Diagnosis
O24.111	Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.112	Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.113	Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.119	Pre-existing type 2 diabetes mellitus, in pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O24.3	Unspecified pre-existing diabetes mellitus in pregnancy, childbirth and the puerperium	ICD-10-CM	Diagnosis
O24.311	Unspecified pre-existing diabetes mellitus in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.312	Unspecified pre-existing diabetes mellitus in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.313	Unspecified pre-existing diabetes mellitus in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.319	Unspecified pre-existing diabetes mellitus in pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O24.8	Other pre-existing diabetes mellitus in pregnancy, childbirth, and the puerperium	ICD-10-CM	Diagnosis
O24.811	Other pre-existing diabetes mellitus in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.812	Other pre-existing diabetes mellitus in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.813	Other pre-existing diabetes mellitus in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.819	Other pre-existing diabetes mellitus in pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O24.9	Unspecified diabetes mellitus in pregnancy, childbirth and the puerperium	ICD-10-CM	Diagnosis
O24.91	Unspecified diabetes mellitus in pregnancy	ICD-10-CM	Diagnosis
O24.911	Unspecified diabetes mellitus in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.912	Unspecified diabetes mellitus in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.913	Unspecified diabetes mellitus in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.919	Unspecified diabetes mellitus in pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O24.92	Unspecified diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.93	Unspecified diabetes mellitus in the puerperium	ICD-10-CM	Diagnosis
Drug Abuse or Dependence			
94.64	Drug rehabilitation	ICD-9-CM	Procedure
94.65	Drug detoxification	ICD-9-CM	Procedure
94.66	Drug rehabilitation and detoxification	ICD-9-CM	Procedure
292.0	Drug withdrawal	ICD-9-CM	Diagnosis
292.1	Drug-induced psychotic disorder	ICD-9-CM	Diagnosis
292.11	Drug-induced psychotic disorder with delusions	ICD-9-CM	Diagnosis
292.12	Drug-induced psychotic disorder with hallucinations	ICD-9-CM	Diagnosis
292.2	Pathological drug intoxication	ICD-9-CM	Diagnosis
292.8	Other specified drug-induced mental disorders	ICD-9-CM	Diagnosis
292.81	Drug-induced delirium	ICD-9-CM	Diagnosis
292.82	Drug-induced persisting dementia	ICD-9-CM	Diagnosis
292.83	Drug-induced persisting amnesic disorder	ICD-9-CM	Diagnosis
292.84	Drug-induced mood disorder	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
292.85	Drug induced sleep disorders	ICD-9-CM	Diagnosis
292.89	Other specified drug-induced mental disorder	ICD-9-CM	Diagnosis
292.9	Unspecified drug-induced mental disorder	ICD-9-CM	Diagnosis
304.0	Opioid type dependence	ICD-9-CM	Diagnosis
304.00	Opioid type dependence, unspecified	ICD-9-CM	Diagnosis
304.01	Opioid type dependence, continuous	ICD-9-CM	Diagnosis
304.02	Opioid type dependence, episodic	ICD-9-CM	Diagnosis
304.10	Sedative, hypnotic or anxiolytic dependence, unspecified	ICD-9-CM	Diagnosis
304.11	Sedative, hypnotic or anxiolytic dependence, continuous	ICD-9-CM	Diagnosis
304.12	Sedative, hypnotic or anxiolytic dependence, episodic	ICD-9-CM	Diagnosis
304.2	Cocaine dependence	ICD-9-CM	Diagnosis
304.20	Cocaine dependence, unspecified	ICD-9-CM	Diagnosis
304.21	Cocaine dependence, continuous	ICD-9-CM	Diagnosis
304.22	Cocaine dependence, episodic	ICD-9-CM	Diagnosis
304.3	Cannabis dependence	ICD-9-CM	Diagnosis
304.30	Cannabis dependence, unspecified	ICD-9-CM	Diagnosis
304.31	Cannabis dependence, continuous	ICD-9-CM	Diagnosis
304.32	Cannabis dependence, episodic	ICD-9-CM	Diagnosis
304.4	Amphetamine and other psychostimulant dependence	ICD-9-CM	Diagnosis
304.40	Amphetamine and other psychostimulant dependence, unspecified	ICD-9-CM	Diagnosis
304.41	Amphetamine and other psychostimulant dependence, continuous	ICD-9-CM	Diagnosis
304.42	Amphetamine and other psychostimulant dependence, episodic	ICD-9-CM	Diagnosis
304.5	Hallucinogen dependence	ICD-9-CM	Diagnosis
304.50	Hallucinogen dependence, unspecified	ICD-9-CM	Diagnosis
304.51	Hallucinogen dependence, continuous	ICD-9-CM	Diagnosis
304.52	Hallucinogen dependence, episodic	ICD-9-CM	Diagnosis
304.6	Other specified drug dependence	ICD-9-CM	Diagnosis
304.60	Other specified drug dependence, unspecified	ICD-9-CM	Diagnosis
304.61	Other specified drug dependence, continuous	ICD-9-CM	Diagnosis
304.62	Other specified drug dependence, episodic	ICD-9-CM	Diagnosis
304.8	Combinations of drug dependence excluding opioid type drug	ICD-9-CM	Diagnosis
304.80	Combinations of drug dependence excluding opioid type drug, unspecified	ICD-9-CM	Diagnosis
304.81	Combinations of drug dependence excluding opioid type drug, continuous	ICD-9-CM	Diagnosis
304.82	Combinations of drug dependence excluding opioid type drug, episodic	ICD-9-CM	Diagnosis
304.9	Unspecified drug dependence	ICD-9-CM	Diagnosis
304.90	Unspecified drug dependence, unspecified	ICD-9-CM	Diagnosis
304.91	Unspecified drug dependence, continuous	ICD-9-CM	Diagnosis
304.92	Unspecified drug dependence, episodic	ICD-9-CM	Diagnosis
305.2	Nondependent cannabis abuse	ICD-9-CM	Diagnosis
305.20	Nondependent cannabis abuse, unspecified	ICD-9-CM	Diagnosis
305.21	Nondependent cannabis abuse, continuous	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
305.22	Nondependent cannabis abuse, episodic	ICD-9-CM	Diagnosis
305.23	Nondependent cannabis abuse, in remission	ICD-9-CM	Diagnosis
305.3	Nondependent hallucinogen abuse	ICD-9-CM	Diagnosis
305.30	Nondependent hallucinogen abuse, unspecified	ICD-9-CM	Diagnosis
305.31	Nondependent hallucinogen abuse, continuous	ICD-9-CM	Diagnosis
305.32	Nondependent hallucinogen abuse, episodic	ICD-9-CM	Diagnosis
305.33	Nondependent hallucinogen abuse, in remission	ICD-9-CM	Diagnosis
305.4	Nondependent sedative, hypnotic or anxiolytic abuse	ICD-9-CM	Diagnosis
305.40	Nondependent sedative, hypnotic or anxiolytic abuse, unspecified	ICD-9-CM	Diagnosis
305.41	Nondependent sedative hypnotic or anxiolytic abuse, continuous	ICD-9-CM	Diagnosis
305.42	Nondependent sedative, hypnotic or anxiolytic abuse, episodic	ICD-9-CM	Diagnosis
305.43	Nondependent sedative, hypnotic or anxiolytic abuse, in remission	ICD-9-CM	Diagnosis
305.5	Nondependent opioid abuse	ICD-9-CM	Diagnosis
305.50	Nondependent opioid abuse, unspecified	ICD-9-CM	Diagnosis
305.51	Nondependent opioid abuse, continuous	ICD-9-CM	Diagnosis
305.52	Nondependent opioid abuse, episodic	ICD-9-CM	Diagnosis
305.6	Nondependent cocaine abuse	ICD-9-CM	Diagnosis
305.60	Nondependent cocaine abuse, unspecified	ICD-9-CM	Diagnosis
305.61	Nondependent cocaine abuse, continuous	ICD-9-CM	Diagnosis
305.62	Nondependent cocaine abuse, episodic	ICD-9-CM	Diagnosis
305.63	Nondependent cocaine abuse, in remission	ICD-9-CM	Diagnosis
305.7	Nondependent amphetamine or related acting sympathomimetic abuse	ICD-9-CM	Diagnosis
305.70	Nondependent amphetamine or related acting sympathomimetic abuse, unspecified	ICD-9-CM	Diagnosis
305.71	Nondependent amphetamine or related acting sympathomimetic abuse, continuous	ICD-9-CM	Diagnosis
305.72	Nondependent amphetamine or related acting sympathomimetic abuse, episodic	ICD-9-CM	Diagnosis
305.73	Nondependent amphetamine or related acting sympathomimetic abuse, in remission	ICD-9-CM	Diagnosis
305.8	Nondependent antidepressant type abuse	ICD-9-CM	Diagnosis
305.80	Nondependent antidepressant type abuse, unspecified	ICD-9-CM	Diagnosis
305.81	Nondependent antidepressant type abuse, continuous	ICD-9-CM	Diagnosis
305.82	Nondependent antidepressant type abuse, episodic	ICD-9-CM	Diagnosis
305.83	Nondependent antidepressant type abuse, in remission	ICD-9-CM	Diagnosis
305.9	Other, mixed, or unspecified nondependent drug abuse	ICD-9-CM	Diagnosis
305.90	Other, mixed, or unspecified nondependent drug abuse, unspecified	ICD-9-CM	Diagnosis
305.91	Other, mixed, or unspecified nondependent drug abuse, continuous	ICD-9-CM	Diagnosis
305.92	Other, mixed, or unspecified nondependent drug abuse, episodic	ICD-9-CM	Diagnosis
305.93	Other, mixed, or unspecified nondependent drug abuse, in remission	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
648.3	Maternal drug dependence complicating pregnancy, childbirth, or the puerperium	ICD-9-CM	Diagnosis
648.30	Maternal drug dependence complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	ICD-9-CM	Diagnosis
648.31	Maternal drug dependence, with delivery	ICD-9-CM	Diagnosis
648.32	Maternal drug dependence, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.33	Maternal drug dependence, antepartum	ICD-9-CM	Diagnosis
648.34	Maternal drug dependence complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	ICD-9-CM	Diagnosis
655.5	Suspected damage to fetus from drugs, affecting management of mother	ICD-9-CM	Diagnosis
655.50	Suspected damage to fetus from drugs, affecting management of mother, unspecified as to episode of care	ICD-9-CM	Diagnosis
655.51	Suspected damage to fetus from drugs, affecting management of mother, delivered	ICD-9-CM	Diagnosis
655.53	Suspected damage to fetus from drugs, affecting management of mother, antepartum	ICD-9-CM	Diagnosis
760.72	Noxious influences affecting fetus or newborn via placenta or breast milk, narcotics	ICD-9-CM	Diagnosis
760.73	Noxious influences affecting fetus or newborn via placenta or breast milk, hallucinogenic agents	ICD-9-CM	Diagnosis
760.75	Noxious influences affecting fetus or newborn via placenta or breast milk, cocaine	ICD-9-CM	Diagnosis
779.5	Drug withdrawal syndrome in newborn	ICD-9-CM	Diagnosis
965.0	Poisoning by opiates and related narcotics	ICD-9-CM	Diagnosis
965.00	Poisoning by opium (alkaloids), unspecified	ICD-9-CM	Diagnosis
965.01	Poisoning by heroin	ICD-9-CM	Diagnosis
965.02	Poisoning by methadone	ICD-9-CM	Diagnosis
965.09	Poisoning by opiates and related narcotics, other	ICD-9-CM	Diagnosis
970.1	Poisoning by opiate antagonists	ICD-9-CM	Diagnosis
E850.0	Accidental poisoning by heroin	ICD-9-CM	Diagnosis
E850.1	Accidental poisoning by methadone	ICD-9-CM	Diagnosis
E850.2	Accidental poisoning by other opiates and related narcotics	ICD-9-CM	Diagnosis
E854.1	Accidental poisoning by psychodysleptics (hallucinogens)	ICD-9-CM	Diagnosis
E935.0	Heroin causing adverse effect in therapeutic use	ICD-9-CM	Diagnosis
E935.1	Methadone causing adverse effect in therapeutic use	ICD-9-CM	Diagnosis
E935.2	Other opiates and related narcotics causing adverse effect in therapeutic use	ICD-9-CM	Diagnosis
E940.1	Opiate antagonists causing adverse effect in therapeutic use	ICD-9-CM	Diagnosis
F11.10	Opioid abuse, uncomplicated	ICD-10-CM	Diagnosis
F11.120	Opioid abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F11.121	Opioid abuse with intoxication delirium	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F11.122	Opioid abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F11.129	Opioid abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F11.14	Opioid abuse with opioid-induced mood disorder	ICD-10-CM	Diagnosis
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F11.151	Opioid abuse with opioid-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F11.159	Opioid abuse with opioid-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F11.181	Opioid abuse with opioid-induced sexual dysfunction	ICD-10-CM	Diagnosis
F11.182	Opioid abuse with opioid-induced sleep disorder	ICD-10-CM	Diagnosis
F11.188	Opioid abuse with other opioid-induced disorder	ICD-10-CM	Diagnosis
F11.19	Opioid abuse with unspecified opioid-induced disorder	ICD-10-CM	Diagnosis
F11.20	Opioid dependence, uncomplicated	ICD-10-CM	Diagnosis
F11.220	Opioid dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F11.221	Opioid dependence with intoxication delirium	ICD-10-CM	Diagnosis
F11.222	Opioid dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F11.229	Opioid dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F11.23	Opioid dependence with withdrawal	ICD-10-CM	Diagnosis
F11.24	Opioid dependence with opioid-induced mood disorder	ICD-10-CM	Diagnosis
F11.250	Opioid dependence with opioid-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F11.251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F11.259	Opioid dependence with opioid-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F11.281	Opioid dependence with opioid-induced sexual dysfunction	ICD-10-CM	Diagnosis
F11.282	Opioid dependence with opioid-induced sleep disorder	ICD-10-CM	Diagnosis
F11.288	Opioid dependence with other opioid-induced disorder	ICD-10-CM	Diagnosis
F11.29	Opioid dependence with unspecified opioid-induced disorder	ICD-10-CM	Diagnosis
F11.90	Opioid use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F11.920	Opioid use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F11.921	Opioid use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F11.922	Opioid use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F11.929	Opioid use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F11.93	Opioid use, unspecified with withdrawal	ICD-10-CM	Diagnosis
F11.94	Opioid use, unspecified with opioid-induced mood disorder	ICD-10-CM	Diagnosis
F11.950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F11.951	Opioid use, unspecified with opioid-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F11.959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F11.981	Opioid use, unspecified with opioid-induced sexual dysfunction	ICD-10-CM	Diagnosis
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	ICD-10-CM	Diagnosis
F11.988	Opioid use, unspecified with other opioid-induced disorder	ICD-10-CM	Diagnosis
F11.99	Opioid use, unspecified with unspecified opioid-induced disorder	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F12.10	Cannabis abuse, uncomplicated	ICD-10-CM	Diagnosis
F12.11	Cannabis abuse, in remission	ICD-10-CM	Diagnosis
F12.120	Cannabis abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F12.121	Cannabis abuse with intoxication delirium	ICD-10-CM	Diagnosis
F12.122	Cannabis abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F12.129	Cannabis abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F12.150	Cannabis abuse with psychotic disorder with delusions	ICD-10-CM	Diagnosis
F12.151	Cannabis abuse with psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F12.159	Cannabis abuse with psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	ICD-10-CM	Diagnosis
F12.188	Cannabis abuse with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.20	Cannabis dependence, uncomplicated	ICD-10-CM	Diagnosis
F12.220	Cannabis dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F12.221	Cannabis dependence with intoxication delirium	ICD-10-CM	Diagnosis
F12.222	Cannabis dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F12.229	Cannabis dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F12.250	Cannabis dependence with psychotic disorder with delusions	ICD-10-CM	Diagnosis
F12.251	Cannabis dependence with psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F12.259	Cannabis dependence with psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	ICD-10-CM	Diagnosis
F12.288	Cannabis dependence with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.90	Cannabis use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F12.921	Cannabis use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F12.929	Cannabis use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	ICD-10-CM	Diagnosis
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F12.980	Cannabis use, unspecified with anxiety disorder	ICD-10-CM	Diagnosis
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	ICD-10-CM	Diagnosis
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	ICD-10-CM	Diagnosis
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	ICD-10-CM	Diagnosis
F13.11	Sedative, hypnotic or anxiolytic abuse, in remission	ICD-10-CM	Diagnosis
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	ICD-10-CM	Diagnosis
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F13.150	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F13.151	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F13.159	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F13.180	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced anxiety disorder	ICD-10-CM	Diagnosis
F13.181	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sexual dysfunction	ICD-10-CM	Diagnosis
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	ICD-10-CM	Diagnosis
F13.188	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.19	Sedative, hypnotic or anxiolytic abuse with unspecified sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.20	Sedative, hypnotic or anxiolytic dependence, uncomplicated	ICD-10-CM	Diagnosis
F13.220	Sedative, hypnotic or anxiolytic dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F13.221	Sedative, hypnotic or anxiolytic dependence with intoxication delirium	ICD-10-CM	Diagnosis
F13.229	Sedative, hypnotic or anxiolytic dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	ICD-10-CM	Diagnosis
F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	ICD-10-CM	Diagnosis
F13.24	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced mood disorder	ICD-10-CM	Diagnosis
F13.250	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F13.251	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F13.259	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F13.26	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	ICD-10-CM	Diagnosis
F13.280	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced anxiety disorder	ICD-10-CM	Diagnosis
F13.281	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sexual dysfunction	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sleep disorder	ICD-10-CM	Diagnosis
F13.288	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.90	Sedative, hypnotic, or anxiolytic use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F13.920	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F13.921	Sedative, hypnotic or anxiolytic use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F13.929	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	ICD-10-CM	Diagnosis
F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	ICD-10-CM	Diagnosis
F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	ICD-10-CM	Diagnosis
F13.94	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced mood disorder	ICD-10-CM	Diagnosis
F13.950	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F13.951	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F13.959	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F13.96	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	ICD-10-CM	Diagnosis
F13.980	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced anxiety disorder	ICD-10-CM	Diagnosis
F13.981	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sexual dysfunction	ICD-10-CM	Diagnosis
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	ICD-10-CM	Diagnosis
F13.988	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F13.99	Sedative, hypnotic or anxiolytic use, unspecified with unspecified sedative, hypnotic or anxiolytic-induced disorder	ICD-10-CM	Diagnosis
F14.10	Cocaine abuse, uncomplicated	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F14.11	Cocaine abuse, in remission	ICD-10-CM	Diagnosis
F14.120	Cocaine abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F14.121	Cocaine abuse with intoxication with delirium	ICD-10-CM	Diagnosis
F14.122	Cocaine abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F14.129	Cocaine abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F14.14	Cocaine abuse with cocaine-induced mood disorder	ICD-10-CM	Diagnosis
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	ICD-10-CM	Diagnosis
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	ICD-10-CM	Diagnosis
F14.182	Cocaine abuse with cocaine-induced sleep disorder	ICD-10-CM	Diagnosis
F14.188	Cocaine abuse with other cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.20	Cocaine dependence, uncomplicated	ICD-10-CM	Diagnosis
F14.220	Cocaine dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F14.221	Cocaine dependence with intoxication delirium	ICD-10-CM	Diagnosis
F14.222	Cocaine dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F14.229	Cocaine dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F14.23	Cocaine dependence with withdrawal	ICD-10-CM	Diagnosis
F14.24	Cocaine dependence with cocaine-induced mood disorder	ICD-10-CM	Diagnosis
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	ICD-10-CM	Diagnosis
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	ICD-10-CM	Diagnosis
F14.282	Cocaine dependence with cocaine-induced sleep disorder	ICD-10-CM	Diagnosis
F14.288	Cocaine dependence with other cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.29	Cocaine dependence with unspecified cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.90	Cocaine use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F14.921	Cocaine use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F14.929	Cocaine use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	ICD-10-CM	Diagnosis
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	ICD-10-CM	Diagnosis
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	ICD-10-CM	Diagnosis
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	ICD-10-CM	Diagnosis
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	ICD-10-CM	Diagnosis
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	ICD-10-CM	Diagnosis
F15.10	Other stimulant abuse, uncomplicated	ICD-10-CM	Diagnosis
F15.11	Other stimulant abuse, in remission	ICD-10-CM	Diagnosis
F15.120	Other stimulant abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F15.121	Other stimulant abuse with intoxication delirium	ICD-10-CM	Diagnosis
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F15.129	Other stimulant abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F15.14	Other stimulant abuse with stimulant-induced mood disorder	ICD-10-CM	Diagnosis
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	ICD-10-CM	Diagnosis
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	ICD-10-CM	Diagnosis
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	ICD-10-CM	Diagnosis
F15.188	Other stimulant abuse with other stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.20	Other stimulant dependence, uncomplicated	ICD-10-CM	Diagnosis
F15.220	Other stimulant dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F15.221	Other stimulant dependence with intoxication delirium	ICD-10-CM	Diagnosis
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F15.229	Other stimulant dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F15.23	Other stimulant dependence with withdrawal	ICD-10-CM	Diagnosis
F15.24	Other stimulant dependence with stimulant-induced mood disorder	ICD-10-CM	Diagnosis
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	ICD-10-CM	Diagnosis
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	ICD-10-CM	Diagnosis
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F15.288	Other stimulant dependence with other stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.90	Other stimulant use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F15.921	Other stimulant use, unspecified with intoxication delirium	ICD-10-CM	Diagnosis
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F15.929	Other stimulant use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F15.93	Other stimulant use, unspecified with withdrawal	ICD-10-CM	Diagnosis
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	ICD-10-CM	Diagnosis
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	ICD-10-CM	Diagnosis
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	ICD-10-CM	Diagnosis
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	ICD-10-CM	Diagnosis
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	ICD-10-CM	Diagnosis
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	ICD-10-CM	Diagnosis
F16.10	Hallucinogen abuse, uncomplicated	ICD-10-CM	Diagnosis
F16.11	Hallucinogen abuse, in remission	ICD-10-CM	Diagnosis
F16.120	Hallucinogen abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F16.121	Hallucinogen abuse with intoxication with delirium	ICD-10-CM	Diagnosis
F16.122	Hallucinogen abuse with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F16.129	Hallucinogen abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	ICD-10-CM	Diagnosis
F16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F16.180	Hallucinogen abuse with hallucinogen-induced anxiety disorder	ICD-10-CM	Diagnosis
F16.183	Hallucinogen abuse with hallucinogen persisting perception disorder (flashbacks)	ICD-10-CM	Diagnosis
F16.188	Hallucinogen abuse with other hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.19	Hallucinogen abuse with unspecified hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.20	Hallucinogen dependence, uncomplicated	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F16.220	Hallucinogen dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F16.221	Hallucinogen dependence with intoxication with delirium	ICD-10-CM	Diagnosis
F16.229	Hallucinogen dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F16.24	Hallucinogen dependence with hallucinogen-induced mood disorder	ICD-10-CM	Diagnosis
F16.250	Hallucinogen dependence with hallucinogen-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F16.251	Hallucinogen dependence with hallucinogen-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F16.259	Hallucinogen dependence with hallucinogen-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F16.280	Hallucinogen dependence with hallucinogen-induced anxiety disorder	ICD-10-CM	Diagnosis
F16.283	Hallucinogen dependence with hallucinogen persisting perception disorder (flashbacks)	ICD-10-CM	Diagnosis
F16.288	Hallucinogen dependence with other hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.29	Hallucinogen dependence with unspecified hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.90	Hallucinogen use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F16.920	Hallucinogen use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F16.921	Hallucinogen use, unspecified with intoxication with delirium	ICD-10-CM	Diagnosis
F16.929	Hallucinogen use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F16.94	Hallucinogen use, unspecified with hallucinogen-induced mood disorder	ICD-10-CM	Diagnosis
F16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	ICD-10-CM	Diagnosis
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	ICD-10-CM	Diagnosis
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	ICD-10-CM	Diagnosis
F17.203	Nicotine dependence unspecified, with withdrawal	ICD-10-CM	Diagnosis
F17.208	Nicotine dependence, unspecified, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.209	Nicotine dependence, unspecified, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.213	Nicotine dependence, cigarettes, with withdrawal	ICD-10-CM	Diagnosis
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.223	Nicotine dependence, chewing tobacco, with withdrawal	ICD-10-CM	Diagnosis
F17.228	Nicotine dependence, chewing tobacco, with other nicotine-induced disorders	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F17.229	Nicotine dependence, chewing tobacco, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.293	Nicotine dependence, other tobacco product, with withdrawal	ICD-10-CM	Diagnosis
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	ICD-10-CM	Diagnosis
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	ICD-10-CM	Diagnosis
F18.10	Inhalant abuse, uncomplicated	ICD-10-CM	Diagnosis
F18.11	Inhalant abuse, in remission	ICD-10-CM	Diagnosis
F18.120	Inhalant abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F18.121	Inhalant abuse with intoxication delirium	ICD-10-CM	Diagnosis
F18.129	Inhalant abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F18.14	Inhalant abuse with inhalant-induced mood disorder	ICD-10-CM	Diagnosis
F18.150	Inhalant abuse with inhalant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F18.151	Inhalant abuse with inhalant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F18.159	Inhalant abuse with inhalant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F18.17	Inhalant abuse with inhalant-induced dementia	ICD-10-CM	Diagnosis
F18.180	Inhalant abuse with inhalant-induced anxiety disorder	ICD-10-CM	Diagnosis
F18.188	Inhalant abuse with other inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.19	Inhalant abuse with unspecified inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.20	Inhalant dependence, uncomplicated	ICD-10-CM	Diagnosis
F18.220	Inhalant dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F18.221	Inhalant dependence with intoxication delirium	ICD-10-CM	Diagnosis
F18.229	Inhalant dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F18.24	Inhalant dependence with inhalant-induced mood disorder	ICD-10-CM	Diagnosis
F18.250	Inhalant dependence with inhalant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F18.251	Inhalant dependence with inhalant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F18.27	Inhalant dependence with inhalant-induced dementia	ICD-10-CM	Diagnosis
F18.280	Inhalant dependence with inhalant-induced anxiety disorder	ICD-10-CM	Diagnosis
F18.288	Inhalant dependence with other inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.29	Inhalant dependence with unspecified inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.90	Inhalant use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F18.920	Inhalant use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F18.921	Inhalant use, unspecified with intoxication with delirium	ICD-10-CM	Diagnosis
F18.929	Inhalant use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F18.94	Inhalant use, unspecified with inhalant-induced mood disorder	ICD-10-CM	Diagnosis
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	ICD-10-CM	Diagnosis
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	ICD-10-CM	Diagnosis
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	ICD-10-CM	Diagnosis
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	ICD-10-CM	Diagnosis
F19.10	Other psychoactive substance abuse, uncomplicated	ICD-10-CM	Diagnosis
F19.11	Other psychoactive substance abuse, in remission	ICD-10-CM	Diagnosis
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F19.121	Other psychoactive substance abuse with intoxication delirium	ICD-10-CM	Diagnosis
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	ICD-10-CM	Diagnosis
F19.129	Other psychoactive substance abuse with intoxication, unspecified	ICD-10-CM	Diagnosis
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	ICD-10-CM	Diagnosis
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	ICD-10-CM	Diagnosis
F19.180	Other psychoactive substance abuse with psychoactive substance-induced anxiety disorder	ICD-10-CM	Diagnosis
F19.181	Other psychoactive substance abuse with psychoactive substance-induced sexual dysfunction	ICD-10-CM	Diagnosis
F19.182	Other psychoactive substance abuse with psychoactive substance-induced sleep disorder	ICD-10-CM	Diagnosis
F19.188	Other psychoactive substance abuse with other psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.19	Other psychoactive substance abuse with unspecified psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.20	Other psychoactive substance dependence, uncomplicated	ICD-10-CM	Diagnosis
F19.21	Other psychoactive substance dependence, in remission	ICD-10-CM	Diagnosis
F19.220	Other psychoactive substance dependence with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F19.221	Other psychoactive substance dependence with intoxication delirium	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F19.222	Other psychoactive substance dependence with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F19.229	Other psychoactive substance dependence with intoxication, unspecified	ICD-10-CM	Diagnosis
F19.230	Other psychoactive substance dependence with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F19.231	Other psychoactive substance dependence with withdrawal delirium	ICD-10-CM	Diagnosis
F19.232	Other psychoactive substance dependence with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F19.239	Other psychoactive substance dependence with withdrawal, unspecified	ICD-10-CM	Diagnosis
F19.24	Other psychoactive substance dependence with psychoactive substance-induced mood disorder	ICD-10-CM	Diagnosis
F19.250	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F19.251	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F19.259	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F19.26	Other psychoactive substance dependence with psychoactive substance-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	ICD-10-CM	Diagnosis
F19.280	Other psychoactive substance dependence with psychoactive substance-induced anxiety disorder	ICD-10-CM	Diagnosis
F19.281	Other psychoactive substance dependence with psychoactive substance-induced sexual dysfunction	ICD-10-CM	Diagnosis
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	ICD-10-CM	Diagnosis
F19.288	Other psychoactive substance dependence with other psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.29	Other psychoactive substance dependence with unspecified psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.90	Other psychoactive substance use, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F19.920	Other psychoactive substance use, unspecified with intoxication, uncomplicated	ICD-10-CM	Diagnosis
F19.921	Other psychoactive substance use, unspecified with intoxication with delirium	ICD-10-CM	Diagnosis
F19.922	Other psychoactive substance use, unspecified with intoxication with perceptual disturbance	ICD-10-CM	Diagnosis
F19.929	Other psychoactive substance use, unspecified with intoxication, unspecified	ICD-10-CM	Diagnosis
F19.930	Other psychoactive substance use, unspecified with withdrawal, uncomplicated	ICD-10-CM	Diagnosis
F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance	ICD-10-CM	Diagnosis
F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	ICD-10-CM	Diagnosis
F19.94	Other psychoactive substance use, unspecified with psychoactive substance-induced mood disorder	ICD-10-CM	Diagnosis
F19.950	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with delusions	ICD-10-CM	Diagnosis
F19.951	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with hallucinations	ICD-10-CM	Diagnosis
F19.959	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder, unspecified	ICD-10-CM	Diagnosis
F19.96	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting amnesic disorder	ICD-10-CM	Diagnosis
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	ICD-10-CM	Diagnosis
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-induced anxiety disorder	ICD-10-CM	Diagnosis
F19.981	Other psychoactive substance use, unspecified with psychoactive substance-induced sexual dysfunction	ICD-10-CM	Diagnosis
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	ICD-10-CM	Diagnosis
F19.988	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F19.99	Other psychoactive substance use, unspecified with unspecified psychoactive substance-induced disorder	ICD-10-CM	Diagnosis
F55.1	Abuse of herbal or folk remedies	ICD-10-CM	Diagnosis
F55.2	Abuse of laxatives	ICD-10-CM	Diagnosis
F55.3	Abuse of steroids or hormones	ICD-10-CM	Diagnosis
F55.4	Abuse of vitamins	ICD-10-CM	Diagnosis
F55.8	Abuse of other non-psychoactive substances	ICD-10-CM	Diagnosis
HZ6	Substance Abuse Treatment, Family Counseling	ICD-10-PCS	Procedure
HZ80ZZZ	Medication Management for Substance Abuse Treatment, Nicotine Replacement	ICD-10-PCS	Procedure
HZ81ZZZ	Medication Management for Substance Abuse Treatment, Methadone Maintenance	ICD-10-PCS	Procedure
HZ82ZZZ	Medication Management for Substance Abuse Treatment, Levo-alpha-acetyl-methadol (LAAM)	ICD-10-PCS	Procedure
HZ84ZZZ	Medication Management for Substance Abuse Treatment, Naltrexone	ICD-10-PCS	Procedure
HZ85ZZZ	Medication Management for Substance Abuse Treatment, Naloxone	ICD-10-PCS	Procedure
HZ87ZZZ	Medication Management for Substance Abuse Treatment, Bupropion	ICD-10-PCS	Procedure
HZ9	Substance Abuse Treatment, Pharmacotherapy	ICD-10-PCS	Procedure
HZ90ZZZ	Pharmacotherapy for Substance Abuse Treatment, Nicotine Replacement	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
HZ91ZZZ	Pharmacotherapy for Substance Abuse Treatment, Methadone Maintenance	ICD-10-PCS	Procedure
HZ92ZZZ	Pharmacotherapy for Substance Abuse Treatment, Levo-alpha-acetyl-methadol (LAAM)	ICD-10-PCS	Procedure
HZ94ZZZ	Pharmacotherapy for Substance Abuse Treatment, Naltrexone	ICD-10-PCS	Procedure
HZ95ZZZ	Pharmacotherapy for Substance Abuse Treatment, Naloxone	ICD-10-PCS	Procedure
HZ97ZZZ	Pharmacotherapy for Substance Abuse Treatment, Bupropion	ICD-10-PCS	Procedure
O35.5XX0	Maternal care for (suspected) damage to fetus by drugs, not applicable or unspecified	ICD-10-CM	Diagnosis
O35.5XX1	Maternal care for (suspected) damage to fetus by drugs, fetus 1	ICD-10-CM	Diagnosis
O35.5XX2	Maternal care for (suspected) damage to fetus by drugs, fetus 2	ICD-10-CM	Diagnosis
O35.5XX3	Maternal care for (suspected) damage to fetus by drugs, fetus 3	ICD-10-CM	Diagnosis
O35.5XX4	Maternal care for (suspected) damage to fetus by drugs, fetus 4	ICD-10-CM	Diagnosis
O35.5XX5	Maternal care for (suspected) damage to fetus by drugs, fetus 5	ICD-10-CM	Diagnosis
O35.5XX9	Maternal care for (suspected) damage to fetus by drugs, other fetus	ICD-10-CM	Diagnosis
O99.320	Drug use complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O99.321	Drug use complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O99.322	Drug use complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O99.323	Drug use complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O99.324	Drug use complicating childbirth	ICD-10-CM	Diagnosis
O99.325	Drug use complicating the puerperium	ICD-10-CM	Diagnosis
P04.41	Newborn affected by maternal use of cocaine	ICD-10-CM	Diagnosis
P04.49	Newborn affected by maternal use of other drugs of addiction	ICD-10-CM	Diagnosis
P96.1	Neonatal withdrawal symptoms from maternal use of drugs of addiction	ICD-10-CM	Diagnosis
P96.2	Withdrawal symptoms from therapeutic use of drugs in newborn	ICD-10-CM	Diagnosis
T40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.0X1D	Poisoning by opium, accidental (unintentional), subsequent encounter	ICD-10-CM	Diagnosis
T40.0X1S	Poisoning by opium, accidental (unintentional), sequela	ICD-10-CM	Diagnosis
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	ICD-10-CM	Diagnosis
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	ICD-10-CM	Diagnosis
T40.0X3A	Poisoning by opium, assault, initial encounter	ICD-10-CM	Diagnosis
T40.0X3D	Poisoning by opium, assault, subsequent encounter	ICD-10-CM	Diagnosis
T40.0X3S	Poisoning by opium, assault, sequela	ICD-10-CM	Diagnosis
T40.0X4A	Poisoning by opium, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.0X4D	Poisoning by opium, undetermined, subsequent encounter	ICD-10-CM	Diagnosis
T40.0X4S	Poisoning by opium, undetermined, sequela	ICD-10-CM	Diagnosis
T40.0X5A	Adverse effect of opium, initial encounter	ICD-10-CM	Diagnosis
T40.0X5D	Adverse effect of opium, subsequent encounter	ICD-10-CM	Diagnosis
T40.0X5S	Adverse effect of opium, sequela	ICD-10-CM	Diagnosis
T40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
T40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	ICD-10-CM	Diagnosis
T40.1X2A	Poisoning by heroin, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.1X2D	Poisoning by heroin, intentional self-harm, subsequent encounter	ICD-10-CM	Diagnosis
T40.1X2S	Poisoning by heroin, intentional self-harm, sequela	ICD-10-CM	Diagnosis
T40.1X3A	Poisoning by heroin, assault, initial encounter	ICD-10-CM	Diagnosis
T40.1X3D	Poisoning by heroin, assault, subsequent encounter	ICD-10-CM	Diagnosis
T40.1X3S	Poisoning by heroin, assault, sequela	ICD-10-CM	Diagnosis
T40.1X4A	Poisoning by heroin, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.1X4D	Poisoning by heroin, undetermined, subsequent encounter	ICD-10-CM	Diagnosis
T40.1X4S	Poisoning by heroin, undetermined, sequela	ICD-10-CM	Diagnosis
T40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.2X1D	Poisoning by other opioids, accidental (unintentional), subsequent encounter	ICD-10-CM	Diagnosis
T40.2X1S	Poisoning by other opioids, accidental (unintentional), sequela	ICD-10-CM	Diagnosis
T40.2X2A	Poisoning by other opioids, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.2X2D	Poisoning by other opioids, intentional self-harm, subsequent encounter	ICD-10-CM	Diagnosis
T40.2X2S	Poisoning by other opioids, intentional self-harm, sequela	ICD-10-CM	Diagnosis
T40.2X3A	Poisoning by other opioids, assault, initial encounter	ICD-10-CM	Diagnosis
T40.2X3D	Poisoning by other opioids, assault, subsequent encounter	ICD-10-CM	Diagnosis
T40.2X3S	Poisoning by other opioids, assault, sequela	ICD-10-CM	Diagnosis
T40.2X4A	Poisoning by other opioids, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.2X4D	Poisoning by other opioids, undetermined, subsequent encounter	ICD-10-CM	Diagnosis
T40.2X4S	Poisoning by other opioids, undetermined, sequela	ICD-10-CM	Diagnosis
T40.2X5A	Adverse effect of other opioids, initial encounter	ICD-10-CM	Diagnosis
T40.2X5D	Adverse effect of other opioids, subsequent encounter	ICD-10-CM	Diagnosis
T40.2X5S	Adverse effect of other opioids, sequela	ICD-10-CM	Diagnosis
T40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.3X1D	Poisoning by methadone, accidental (unintentional), subsequent encounter	ICD-10-CM	Diagnosis
T40.3X1S	Poisoning by methadone, accidental (unintentional), sequela	ICD-10-CM	Diagnosis
T40.3X2A	Poisoning by methadone, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.3X2D	Poisoning by methadone, intentional self-harm, subsequent encounter	ICD-10-CM	Diagnosis
T40.3X2S	Poisoning by methadone, intentional self-harm, sequela	ICD-10-CM	Diagnosis
T40.3X3A	Poisoning by methadone, assault, initial encounter	ICD-10-CM	Diagnosis
T40.3X3D	Poisoning by methadone, assault, subsequent encounter	ICD-10-CM	Diagnosis
T40.3X3S	Poisoning by methadone, assault, sequela	ICD-10-CM	Diagnosis
T40.3X4A	Poisoning by methadone, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.3X4D	Poisoning by methadone, undetermined, subsequent encounter	ICD-10-CM	Diagnosis
T40.3X4S	Poisoning by methadone, undetermined, sequela	ICD-10-CM	Diagnosis
T40.3X5A	Adverse effect of methadone, initial encounter	ICD-10-CM	Diagnosis
T40.3X5D	Adverse effect of methadone, subsequent encounter	ICD-10-CM	Diagnosis
T40.3X5S	Adverse effect of methadone, sequela	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
T40.4X1A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.4X1D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	ICD-10-CM	Diagnosis
T40.4X1S	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	ICD-10-CM	Diagnosis
T40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	ICD-10-CM	Diagnosis
T40.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	ICD-10-CM	Diagnosis
T40.4X3A	Poisoning by other synthetic narcotics, assault, initial encounter	ICD-10-CM	Diagnosis
T40.4X3D	Poisoning by other synthetic narcotics, assault, subsequent encounter	ICD-10-CM	Diagnosis
T40.4X3S	Poisoning by other synthetic narcotics, assault, sequela	ICD-10-CM	Diagnosis
T40.4X4A	Poisoning by other synthetic narcotics, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.4X4D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	ICD-10-CM	Diagnosis
T40.4X4S	Poisoning by other synthetic narcotics, undetermined, sequela	ICD-10-CM	Diagnosis
T40.4X5A	Adverse effect of other synthetic narcotics, initial encounter	ICD-10-CM	Diagnosis
T40.4X5D	Adverse effect of other synthetic narcotics, subsequent encounter	ICD-10-CM	Diagnosis
T40.4X5S	Adverse effect of other synthetic narcotics, sequela	ICD-10-CM	Diagnosis
T40.601A	Poisoning by unspecified narcotics, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.601D	Poisoning by unspecified narcotics, accidental (unintentional), subsequent encounter	ICD-10-CM	Diagnosis
T40.601S	Poisoning by unspecified narcotics, accidental (unintentional), sequela	ICD-10-CM	Diagnosis
T40.602A	Poisoning by unspecified narcotics, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.602D	Poisoning by unspecified narcotics, intentional self-harm, subsequent encounter	ICD-10-CM	Diagnosis
T40.602S	Poisoning by unspecified narcotics, intentional self-harm, sequela	ICD-10-CM	Diagnosis
T40.603A	Poisoning by unspecified narcotics, assault, initial encounter	ICD-10-CM	Diagnosis
T40.603D	Poisoning by unspecified narcotics, assault, subsequent encounter	ICD-10-CM	Diagnosis
T40.603S	Poisoning by unspecified narcotics, assault, sequela	ICD-10-CM	Diagnosis
T40.604A	Poisoning by unspecified narcotics, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.604D	Poisoning by unspecified narcotics, undetermined, subsequent encounter	ICD-10-CM	Diagnosis
T40.604S	Poisoning by unspecified narcotics, undetermined, sequela	ICD-10-CM	Diagnosis
T40.605A	Adverse effect of unspecified narcotics, initial encounter	ICD-10-CM	Diagnosis
T40.605D	Adverse effect of unspecified narcotics, subsequent encounter	ICD-10-CM	Diagnosis
T40.605S	Adverse effect of unspecified narcotics, sequela	ICD-10-CM	Diagnosis
T40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.691D	Poisoning by other narcotics, accidental (unintentional), subsequent encounter	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
T40.691S	Poisoning by other narcotics, accidental (unintentional), sequela	ICD-10-CM	Diagnosis
T40.692A	Poisoning by other narcotics, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T40.692D	Poisoning by other narcotics, intentional self-harm, subsequent encounter	ICD-10-CM	Diagnosis
T40.692S	Poisoning by other narcotics, intentional self-harm, sequela	ICD-10-CM	Diagnosis
T40.693A	Poisoning by other narcotics, assault, initial encounter	ICD-10-CM	Diagnosis
T40.693D	Poisoning by other narcotics, assault, subsequent encounter	ICD-10-CM	Diagnosis
T40.693S	Poisoning by other narcotics, assault, sequela	ICD-10-CM	Diagnosis
T40.694A	Poisoning by other narcotics, undetermined, initial encounter	ICD-10-CM	Diagnosis
T40.694D	Poisoning by other narcotics, undetermined, subsequent encounter	ICD-10-CM	Diagnosis
T40.694S	Poisoning by other narcotics, undetermined, sequela	ICD-10-CM	Diagnosis
T40.695A	Adverse effect of other narcotics, initial encounter	ICD-10-CM	Diagnosis
T40.695D	Adverse effect of other narcotics, subsequent encounter	ICD-10-CM	Diagnosis
T40.695S	Adverse effect of other narcotics, sequela	ICD-10-CM	Diagnosis
T40.7X1A	Poisoning by cannabis (derivatives), accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.8X1A	Poisoning by lysergide [LSD], accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.901A	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T40.991A	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
V65.42	Counseling on substance use and abuse	ICD-9-CM	Diagnosis
Gestational Diabetes			
O24.4	Gestational diabetes mellitus	ICD-10-CM	Diagnosis
O24.41	Gestational diabetes mellitus in pregnancy	ICD-10-CM	Diagnosis
O24.410	Gestational diabetes mellitus in pregnancy, diet controlled	ICD-10-CM	Diagnosis
O24.414	Gestational diabetes mellitus in pregnancy, insulin controlled	ICD-10-CM	Diagnosis
O24.415	Gestational diabetes mellitus in pregnancy, controlled by oral hypoglycemic drugs	ICD-10-CM	Diagnosis
O24.419	Gestational diabetes mellitus in pregnancy, unspecified control	ICD-10-CM	Diagnosis
O24.42	Gestational diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.420	Gestational diabetes mellitus in childbirth, diet controlled	ICD-10-CM	Diagnosis
O24.424	Gestational diabetes mellitus in childbirth, insulin controlled	ICD-10-CM	Diagnosis
O24.425	Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs	ICD-10-CM	Diagnosis
O24.429	Gestational diabetes mellitus in childbirth, unspecified control	ICD-10-CM	Diagnosis
O24.43	Gestational diabetes mellitus in the puerperium	ICD-10-CM	Diagnosis
O24.430	Gestational diabetes mellitus in the puerperium, diet controlled	ICD-10-CM	Diagnosis
O24.434	Gestational diabetes mellitus in the puerperium, insulin controlled	ICD-10-CM	Diagnosis
O24.435	Gestational diabetes mellitus in puerperium, controlled by oral hypoglycemic drugs	ICD-10-CM	Diagnosis
O24.439	Gestational diabetes mellitus in the puerperium, unspecified control	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
648.8	Abnormal maternal glucose tolerance, complicating pregnancy, childbirth, or the puerperium	ICD-9-CM	Diagnosis
648.80	Abnormal maternal glucose tolerance, complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	ICD-9-CM	Diagnosis
648.81	Abnormal maternal glucose tolerance, with delivery	ICD-9-CM	Diagnosis
648.82	Abnormal maternal glucose tolerance, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.83	Abnormal maternal glucose tolerance, antepartum	ICD-9-CM	Diagnosis
648.84	Abnormal maternal glucose tolerance complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	ICD-9-CM	Diagnosis
Gestational Hypertension			
O13.1	Gestational [pregnancy-induced] hypertension without significant proteinuria, first trimester	ICD-10-CM	Diagnosis
O13.2	Gestational [pregnancy-induced] hypertension without significant proteinuria, second trimester	ICD-10-CM	Diagnosis
O13.3	Gestational [pregnancy-induced] hypertension without significant proteinuria, third trimester	ICD-10-CM	Diagnosis
O13.4	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O13.5	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating the puerperium	ICD-10-CM	Diagnosis
O13.9	Gestational [pregnancy-induced] hypertension without significant proteinuria, unspecified trimester	ICD-10-CM	Diagnosis
642.3	Transient hypertension of pregnancy	ICD-9-CM	Diagnosis
642.30	Transient hypertension of pregnancy, unspecified as to episode of care	ICD-9-CM	Diagnosis
642.31	Transient hypertension of pregnancy, with delivery	ICD-9-CM	Diagnosis
642.32	Transient hypertension of pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.33	Transient hypertension of pregnancy, antepartum	ICD-9-CM	Diagnosis
642.34	Transient hypertension of pregnancy, postpartum condition or complication	ICD-9-CM	Diagnosis
Gestational Renal Disease			
646.20	Unspecified renal disease in pregnancy, unspecified as to episode of care	ICD-9-CM	Diagnosis
646.21	Unspecified renal disease in pregnancy, with delivery	ICD-9-CM	Diagnosis
646.22	Unspecified renal disease in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
646.23	Unspecified antepartum renal disease	ICD-9-CM	Diagnosis
646.24	Unspecified renal disease in pregnancy, without mention of hypertension, postpartum condition or complication	ICD-9-CM	Diagnosis
O26.831	Pregnancy related renal disease, first trimester	ICD-10-CM	Diagnosis
O26.832	Pregnancy related renal disease, second trimester	ICD-10-CM	Diagnosis
O26.833	Pregnancy related renal disease, third trimester	ICD-10-CM	Diagnosis
O26.839	Pregnancy related renal disease, unspecified trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Hypertension			
362.11	Hypertensive retinopathy	ICD-9-CM	Diagnosis
401.0	Essential hypertension, malignant	ICD-9-CM	Diagnosis
401.1	Essential hypertension, benign	ICD-9-CM	Diagnosis
401.9	Unspecified essential hypertension	ICD-9-CM	Diagnosis
402.00	Malignant hypertensive heart disease without heart failure	ICD-9-CM	Diagnosis
402.01	Malignant hypertensive heart disease with heart failure	ICD-9-CM	Diagnosis
402.10	Benign hypertensive heart disease without heart failure	ICD-9-CM	Diagnosis
402.11	Benign hypertensive heart disease with heart failure	ICD-9-CM	Diagnosis
402.90	Unspecified hypertensive heart disease without heart failure	ICD-9-CM	Diagnosis
402.91	Hypertensive heart disease, unspecified, with heart failure	ICD-9-CM	Diagnosis
403.00	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM	Diagnosis
403.01	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage V or end stage renal disease	ICD-9-CM	Diagnosis
403.10	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM	Diagnosis
403.11	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage V or end stage renal disease	ICD-9-CM	Diagnosis
403.90	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM	Diagnosis
403.91	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage V or end stage renal disease	ICD-9-CM	Diagnosis
404.00	Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM	Diagnosis
404.01	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM	Diagnosis
404.02	Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage V or end stage renal disease	ICD-9-CM	Diagnosis
404.03	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease	ICD-9-CM	Diagnosis
404.10	Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM	Diagnosis
404.11	Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM	Diagnosis
404.12	Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage V or end stage renal disease	ICD-9-CM	Diagnosis
404.13	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
404.90	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM	Diagnosis
404.91	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-9-CM	Diagnosis
404.92	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage V or end stage renal disease	ICD-9-CM	Diagnosis
404.93	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease	ICD-9-CM	Diagnosis
405.01	Secondary renovascular hypertension, malignant	ICD-9-CM	Diagnosis
405.09	Other secondary hypertension, malignant	ICD-9-CM	Diagnosis
405.11	Secondary renovascular hypertension, benign	ICD-9-CM	Diagnosis
405.19	Other secondary hypertension, benign	ICD-9-CM	Diagnosis
405.91	Secondary renovascular hypertension, unspecified	ICD-9-CM	Diagnosis
405.99	Other secondary hypertension, unspecified	ICD-9-CM	Diagnosis
437.2	Hypertensive encephalopathy	ICD-9-CM	Diagnosis
642.00	Benign essential hypertension complicating pregnancy, childbirth, and the puerperium, unspecified as to episode of care	ICD-9-CM	Diagnosis
642.01	Benign essential hypertension with delivery	ICD-9-CM	Diagnosis
642.02	Benign essential hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.03	Benign essential hypertension antepartum	ICD-9-CM	Diagnosis
642.04	Benign essential hypertension, complicating pregnancy, childbirth, and the puerperium, postpartum condition or complication	ICD-9-CM	Diagnosis
642.10	Hypertension secondary to renal disease, complicating pregnancy, childbirth, and the puerperium, unspecified as to episode of care	ICD-9-CM	Diagnosis
642.11	Hypertension secondary to renal disease, with delivery	ICD-9-CM	Diagnosis
642.12	Hypertension secondary to renal disease, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.13	Hypertension secondary to renal disease, antepartum	ICD-9-CM	Diagnosis
642.14	Hypertension secondary to renal disease, complicating pregnancy, childbirth, and the puerperium, postpartum condition or complication	ICD-9-CM	Diagnosis
642.20	Other pre-existing hypertension complicating pregnancy, childbirth, and the puerperium, unspecified as to episode of care	ICD-9-CM	Diagnosis
642.21	Other pre-existing hypertension, with delivery	ICD-9-CM	Diagnosis
642.22	Other pre-existing hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.23	Other pre-existing hypertension, antepartum	ICD-9-CM	Diagnosis
642.24	Other pre-existing hypertension complicating pregnancy, childbirth, and the puerperium, postpartum condition or complication	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
642.90	Unspecified hypertension complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	ICD-9-CM	Diagnosis
642.91	Unspecified hypertension, with delivery	ICD-9-CM	Diagnosis
642.92	Unspecified hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.93	Unspecified hypertension antepartum	ICD-9-CM	Diagnosis
642.94	Unspecified hypertension complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	ICD-9-CM	Diagnosis
H35.031	Hypertensive retinopathy, right eye	ICD-10-CM	Diagnosis
H35.032	Hypertensive retinopathy, left eye	ICD-10-CM	Diagnosis
H35.033	Hypertensive retinopathy, bilateral	ICD-10-CM	Diagnosis
H35.039	Hypertensive retinopathy, unspecified eye	ICD-10-CM	Diagnosis
I10	Essential (primary) hypertension	ICD-10-CM	Diagnosis
I11.0	Hypertensive heart disease with heart failure	ICD-10-CM	Diagnosis
I11.9	Hypertensive heart disease without heart failure	ICD-10-CM	Diagnosis
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	ICD-10-CM	Diagnosis
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	ICD-10-CM	Diagnosis
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	ICD-10-CM	Diagnosis
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	ICD-10-CM	Diagnosis
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	ICD-10-CM	Diagnosis
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	ICD-10-CM	Diagnosis
I15.0	Renovascular hypertension	ICD-10-CM	Diagnosis
I15.1	Hypertension secondary to other renal disorders	ICD-10-CM	Diagnosis
I15.2	Hypertension secondary to endocrine disorders	ICD-10-CM	Diagnosis
I15.8	Other secondary hypertension	ICD-10-CM	Diagnosis
I15.9	Secondary hypertension, unspecified	ICD-10-CM	Diagnosis
I67.4	Hypertensive encephalopathy	ICD-10-CM	Diagnosis
N26.2	Page kidney	ICD-10-CM	Diagnosis
O10.0	Pre-existing essential hypertension complicating pregnancy, childbirth and the puerperium	ICD-10-CM	Diagnosis
O10.1	Pre-existing hypertensive heart disease complicating pregnancy, childbirth and the puerperium	ICD-10-CM	Diagnosis
O10.2	Pre-existing hypertensive chronic kidney disease complicating pregnancy, childbirth and the puerperium	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O10.3	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, childbirth and the puerperium	ICD-10-CM	Diagnosis
O10.4	Pre-existing secondary hypertension complicating pregnancy, childbirth and the puerperium	ICD-10-CM	Diagnosis
O10.9	Unspecified pre-existing hypertension complicating pregnancy, childbirth and the puerperium	ICD-10-CM	Diagnosis
642.7	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension	ICD-10-CM	Diagnosis
642.70	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	ICD-10-CM	Diagnosis
642.71	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, with delivery	ICD-10-CM	Diagnosis
642.72	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, with delivery, with current postpartum complication	ICD-10-CM	Diagnosis
642.73	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, antepartum	ICD-10-CM	Diagnosis
642.74	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, postpartum condition or complication	ICD-10-CM	Diagnosis
O11.1	Pre-existing hypertension with pre-eclampsia, first trimester	ICD-10-CM	Diagnosis
O11.2	Pre-existing hypertension with pre-eclampsia, second trimester	ICD-10-CM	Diagnosis
O11.3	Pre-existing hypertension with pre-eclampsia, third trimester	ICD-10-CM	Diagnosis
O11.4	Pre-existing hypertension with pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O11.5	Pre-existing hypertension with pre-eclampsia, complicating the puerperium	ICD-10-CM	Diagnosis
O11.9	Pre-existing hypertension with pre-eclampsia, unspecified trimester	ICD-10-CM	Diagnosis
O10.01	Pre-existing essential hypertension complicating pregnancy,	ICD-10-CM	Diagnosis
O10.011	Pre-existing essential hypertension complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.012	Pre-existing essential hypertension complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O10.013	Pre-existing essential hypertension complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.019	Pre-existing essential hypertension complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O10.02	Pre-existing essential hypertension complicating childbirth	ICD-10-CM	Diagnosis
O10.03	Pre-existing essential hypertension complicating the puerperium	ICD-10-CM	Diagnosis
O10.11	Pre-existing hypertensive heart disease complicating pregnancy	ICD-10-CM	Diagnosis
O10.111	Pre-existing hypertensive heart disease complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.112	Pre-existing hypertensive heart disease complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O10.113	Pre-existing hypertensive heart disease complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.119	Pre-existing hypertensive heart disease complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O10.12	Pre-existing hypertensive heart disease complicating childbirth	ICD-10-CM	Diagnosis
O10.13	Pre-existing hypertensive heart disease complicating the puerperium	ICD-10-CM	Diagnosis
O10.21	Pre-existing hypertensive chronic kidney disease complicating pregnancy	ICD-10-CM	Diagnosis
O10.211	Pre-existing hypertensive chronic kidney disease complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.212	Pre-existing hypertensive chronic kidney disease complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O10.213	Pre-existing hypertensive chronic kidney disease complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.219	Pre-existing hypertensive chronic kidney disease complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O10.22	Pre-existing hypertensive chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O10.23	Pre-existing hypertensive chronic kidney disease complicating the puerperium	ICD-10-CM	Diagnosis
O10.31	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy	ICD-10-CM	Diagnosis
O10.311	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.312	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O10.313	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.319	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O10.32	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O10.33	Pre-existing hypertensive heart and chronic kidney disease complicating the puerperium	ICD-10-CM	Diagnosis
O10.41	Pre-existing secondary hypertension complicating pregnancy	ICD-10-CM	Diagnosis
O10.411	Pre-existing secondary hypertension complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.412	Pre-existing secondary hypertension complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O10.413	Pre-existing secondary hypertension complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.419	Pre-existing secondary hypertension complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O10.42	Pre-existing secondary hypertension complicating childbirth	ICD-10-CM	Diagnosis
O10.43	Pre-existing secondary hypertension complicating the puerperium	ICD-10-CM	Diagnosis
O10.91	Unspecified pre-existing hypertension complicating pregnancy	ICD-10-CM	Diagnosis
O10.911	Unspecified pre-existing hypertension complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O10.912	Unspecified pre-existing hypertension complicating pregnancy, second trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O10.913	Unspecified pre-existing hypertension complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O10.919	Unspecified pre-existing hypertension complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O10.92	Unspecified pre-existing hypertension complicating childbirth	ICD-10-CM	Diagnosis
O10.93	Unspecified pre-existing hypertension complicating the puerperium	ICD-10-CM	Diagnosis
O16.1	Unspecified maternal hypertension, first trimester	ICD-10-CM	Diagnosis
O16.2	Unspecified maternal hypertension, second trimester	ICD-10-CM	Diagnosis
O16.3	Unspecified maternal hypertension, third trimester	ICD-10-CM	Diagnosis
O16.4	Unspecified maternal hypertension, complicating childbirth	ICD-10-CM	Diagnosis
O16.5	Unspecified maternal hypertension, complicating the puerperium	ICD-10-CM	Diagnosis
O16.9	Unspecified maternal hypertension, unspecified trimester	ICD-10-CM	Diagnosis
Obesity			
43.89	Open and other partial gastrectomy	ICD-9-CM	Procedure
44.38	Laparoscopic gastroenterostomy	ICD-9-CM	Procedure
44.39	Other gastroenterostomy without gastrectomy	ICD-9-CM	Procedure
44.68	Laparoscopic gastroplasty	ICD-9-CM	Procedure
44.95	Laparoscopic gastric restrictive procedure	ICD-9-CM	Procedure
45.51	Isolation of segment of small intestine	ICD-9-CM	Procedure
45.91	Small-to-small intestinal anastomosis	ICD-9-CM	Procedure
278.00	Obesity, unspecified	ICD-9-CM	Diagnosis
278.01	Morbid obesity	ICD-9-CM	Diagnosis
278.03	Obesity hypoventilation syndrome	ICD-9-CM	Diagnosis
539.0	Complications of gastric band procedure	ICD-9-CM	Diagnosis
539.01	Infection due to gastric band procedure	ICD-9-CM	Diagnosis
539.09	Other complications of gastric band procedure	ICD-9-CM	Diagnosis
539.8	Complications of other bariatric procedure	ICD-9-CM	Diagnosis
539.81	Infection due to other bariatric procedure	ICD-9-CM	Diagnosis
539.89	Other complications of other bariatric procedure	ICD-9-CM	Diagnosis
649.10	Obesity complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care or not applicable	ICD-9-CM	Diagnosis
649.1	Obesity complicating pregnancy, childbirth, or the puerperium	ICD-9-CM	Diagnosis
649.11	Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.12	Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.13	Obesity complicating pregnancy, childbirth, or the puerperium, antepartum condition or complication	ICD-9-CM	Diagnosis
649.14	Obesity complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
649.20	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care or not applicable	ICD-9-CM	Diagnosis
649.2	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium	ICD-9-CM	Diagnosis
649.21	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.22	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.23	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, antepartum condition or complication	ICD-9-CM	Diagnosis
649.24	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	ICD-9-CM	Diagnosis
43644	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-Y gastroenterostomy (roux limb 150 cm or less)	CPT-4	Procedure
43645	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and small intestine reconstruction to limit absorption	CPT-4	Procedure
43770	Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable gastric restrictive device (eg, gastric band and subcutaneous port components)	CPT-4	Procedure
43842	Gastric restrictive procedure, without gastric bypass, for morbid obesity; vertical-banded gastroplasty	CPT-4	Procedure
43843	Gastric restrictive procedure, without gastric bypass, for morbid obesity; other than vertical-banded gastroplasty	CPT-4	Procedure
43845	Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileoileostomy (50 to 100 cm common channel) to limit absorption (biliopancreatic diversion with duodenal switch)	CPT-4	Procedure
43846	Gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (150 cm or less) Roux-en-Y gastroenterostomy	CPT-4	Procedure
43847	Gastric restrictive procedure, with gastric bypass for morbid obesity; with small intestine reconstruction to limit absorption	CPT-4	Procedure
0D16079	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D1607A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D1607B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D1607L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D160J9	Bypass Stomach to Duodenum with Synthetic Substitute, Open Approach	ICD-10-CM	Procedure
0D160JA	Bypass Stomach to Jejunum with Synthetic Substitute, Open Approach	ICD-10-CM	Procedure
0D160JB	Bypass Stomach to Ileum with Synthetic Substitute, Open Approach	ICD-10-CM	Procedure
0D160JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Open Approach	ICD-10-CM	Procedure

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Code	Description	Code Type	Code Category
0D160K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D160KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D160KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D160KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D160Z9	Bypass Stomach to Duodenum, Open Approach	ICD-10-CM	Procedure
0D160ZA	Bypass Stomach to Jejunum, Open Approach	ICD-10-CM	Procedure
0D160ZB	Bypass Stomach to Ileum, Open Approach	ICD-10-CM	Procedure
0D160ZL	Bypass Stomach to Transverse Colon, Open Approach	ICD-10-CM	Procedure
0D16479	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1647A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1647B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1647L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164J9	Bypass Stomach to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164JA	Bypass Stomach to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164JB	Bypass Stomach to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164Z9	Bypass Stomach to Duodenum, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164ZA	Bypass Stomach to Jejunum, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164ZB	Bypass Stomach to Ileum, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D164ZL	Bypass Stomach to Transverse Colon, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D16879	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure

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Code	Description	Code Type	Code Category
0D1687A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1687B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1687L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168J9	Bypass Stomach to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168JA	Bypass Stomach to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168JB	Bypass Stomach to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168Z9	Bypass Stomach to Duodenum, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168ZA	Bypass Stomach to Jejunum, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168ZB	Bypass Stomach to Ileum, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D168ZL	Bypass Stomach to Transverse Colon, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D19079	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D1907A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D1907B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D190J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Open Approach	ICD-10-CM	Procedure
0D190JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Open Approach	ICD-10-CM	Procedure
0D190JB	Bypass Duodenum to Ileum with Synthetic Substitute, Open Approach	ICD-10-CM	Procedure
0D190K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D190KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D190KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure

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Code	Description	Code Type	Code Category
0D190Z9	Bypass Duodenum to Duodenum, Open Approach	ICD-10-CM	Procedure
0D190ZA	Bypass Duodenum to Jejunum, Open Approach	ICD-10-CM	Procedure
0D190ZB	Bypass Duodenum to Ileum, Open Approach	ICD-10-CM	Procedure
0D19479	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1947A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1947B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D194J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D194JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D194JB	Bypass Duodenum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D194K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D194KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D194KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D194Z9	Bypass Duodenum to Duodenum, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D194ZA	Bypass Duodenum to Jejunum, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D194ZB	Bypass Duodenum to Ileum, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D19879	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1987A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1987B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D198J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D198JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D198JB	Bypass Duodenum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D198K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D198KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D198KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure

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Code	Description	Code Type	Code Category
0D198Z9	Bypass Duodenum to Duodenum, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D198ZA	Bypass Duodenum to Jejunum, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D198ZB	Bypass Duodenum to Ileum, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1A07A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D1A07B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D1A0JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Open Approach	ICD-10-CM	Procedure
0D1A0JB	Bypass Jejunum to Ileum with Synthetic Substitute, Open Approach	ICD-10-CM	Procedure
0D1A0KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D1A0KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D1A0ZA	Bypass Jejunum to Jejunum, Open Approach	ICD-10-CM	Procedure
0D1A0ZB	Bypass Jejunum to Ileum, Open Approach	ICD-10-CM	Procedure
0D1A47A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1A47B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1A4JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1A4JB	Bypass Jejunum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1A4KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1A4KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1A4ZA	Bypass Jejunum to Jejunum, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1A4ZB	Bypass Jejunum to Ileum, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1A87A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1A87B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1A8JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1A8JB	Bypass Jejunum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1A8KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1A8KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1A8ZA	Bypass Jejunum to Jejunum, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure

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Code	Description	Code Type	Code Category
0D1A8ZB	Bypass Jejunum to Ileum, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1A8ZH	Bypass Jejunum to Cecum, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1B07B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D1B0JB	Bypass Ileum to Ileum with Synthetic Substitute, Open Approach	ICD-10-CM	Procedure
0D1B0KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
0D1B0ZB	Bypass Ileum to Ileum, Open Approach	ICD-10-CM	Procedure
0D1B47B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1B4JB	Bypass Ileum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1B4KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1B4ZB	Bypass Ileum to Ileum, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0D1B87B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1B8JB	Bypass Ileum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1B8KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1B8ZB	Bypass Ileum to Ileum, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0D1B8ZH	Bypass Ileum to Cecum, Via Natural or Artificial Opening Endoscopic	ICD-10-CM	Procedure
0DB60Z3	Excision of Stomach, Open Approach, Vertical	ICD-10-CM	Procedure
0DB60ZZ	Excision of Stomach, Open Approach	ICD-10-CM	Procedure
0DB63Z3	Excision of Stomach, Percutaneous Approach, Vertical	ICD-10-CM	Procedure
0DB63ZZ	Excision of Stomach, Percutaneous Approach	ICD-10-CM	Procedure
0DB67Z3	Excision of Stomach, Via Natural or Artificial Opening, Vertical	ICD-10-CM	Procedure
0DB67ZZ	Excision of Stomach, Via Natural or Artificial Opening	ICD-10-CM	Procedure
0DB68Z3	Excision of Stomach, Via Natural or Artificial Opening Endoscopic, Vertical	ICD-10-CM	Procedure
0DB80ZZ	Excision of Small Intestine, Open Approach	ICD-10-CM	Procedure
0DB90ZZ	Excision of Duodenum, Open Approach	ICD-10-CM	Procedure
0DBB0ZZ	Excision of Ileum, Open Approach	ICD-10-CM	Procedure
0DQ64ZZ	Repair Stomach, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0DV64CZ	Restriction of Stomach with Extraluminal Device, Percutaneous Endoscopic Approach	ICD-10-CM	Procedure
0F190Z3	Bypass Common Bile Duct to Duodenum, Open Approach	ICD-10-CM	Procedure
0TRB07Z	Replacement of Bladder with Autologous Tissue Substitute, Open Approach	ICD-10-CM	Procedure
E66.01	Morbid (severe) obesity due to excess calories	ICD-10-CM	Diagnosis
E66.09	Other obesity due to excess calories	ICD-10-CM	Diagnosis
E66.1	Drug-induced obesity	ICD-10-CM	Diagnosis
E66.2	Morbid (severe) obesity with alveolar hypoventilation	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E66.8	Other obesity	ICD-10-CM	Diagnosis
E66.9	Obesity, unspecified	ICD-10-CM	Diagnosis
K95.01	Infection due to gastric band procedure	ICD-10-CM	Diagnosis
K95.09	Other complications of gastric band procedure	ICD-10-CM	Diagnosis
K95.81	Infection due to other bariatric procedure	ICD-10-CM	Diagnosis
K95.89	Other complications of other bariatric procedure	ICD-10-CM	Diagnosis
O99.210	Obesity complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O99.211	Obesity complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O99.212	Obesity complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O99.213	Obesity complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O99.214	Obesity complicating childbirth	ICD-10-CM	Diagnosis
O99.215	Obesity complicating the puerperium	ICD-10-CM	Diagnosis
O99.840	Bariatric surgery status complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O99.841	Bariatric surgery status complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O99.842	Bariatric surgery status complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O99.843	Bariatric surgery status complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O99.844	Bariatric surgery status complicating childbirth	ICD-10-CM	Diagnosis
O99.845	Bariatric surgery status complicating the puerperium	ICD-10-CM	Diagnosis
V85.3	Body Mass Index between 30-39, adult	ICD-9-CM	Diagnosis
V85.30	Body Mass Index 30.0-30.9, adult	ICD-9-CM	Diagnosis
V85.31	Body Mass Index 31.0-31.9, adult	ICD-9-CM	Diagnosis
V85.32	Body Mass Index 32.0-32.9, adult	ICD-9-CM	Diagnosis
V85.33	Body Mass Index 33.0-33.9, adult	ICD-9-CM	Diagnosis
V85.34	Body Mass Index 34.0-34.9, adult	ICD-9-CM	Diagnosis
V85.35	Body Mass Index 35.0-35.9, adult	ICD-9-CM	Diagnosis
V85.36	Body Mass Index 36.0-36.9, adult	ICD-9-CM	Diagnosis
V85.37	Body Mass Index 37.0-37.9, adult	ICD-9-CM	Diagnosis
V85.38	Body Mass Index 38.0-38.9, adult	ICD-9-CM	Diagnosis
V85.39	Body Mass Index 39.0-39.9, adult	ICD-9-CM	Diagnosis
V85.4	Body Mass Index 40 and over, adult	ICD-9-CM	Diagnosis
V85.41	Body Mass Index 40.0-44.9, adult	ICD-9-CM	Diagnosis
V85.42	Body Mass Index 45.0-49.9, adult	ICD-9-CM	Diagnosis
V85.43	Body Mass Index 50.0-59.9, adult	ICD-9-CM	Diagnosis
V85.44	Body Mass Index 60.0-69.9, adult	ICD-9-CM	Diagnosis
V85.45	Body Mass Index 70 and over, adult	ICD-9-CM	Diagnosis
Z68.30	Body mass index (BMI) 30.0-30.9, adult	ICD-10-CM	Diagnosis
Z68.31	Body mass index (BMI) 31.0-31.9, adult	ICD-10-CM	Diagnosis
Z68.32	Body mass index (BMI) 32.0-32.9, adult	ICD-10-CM	Diagnosis
Z68.33	Body mass index (BMI) 33.0-33.9, adult	ICD-10-CM	Diagnosis
Z68.34	Body mass index (BMI) 34.0-34.9, adult	ICD-10-CM	Diagnosis
Z68.35	Body mass index (BMI) 35.0-35.9, adult	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Z68.36	Body mass index (BMI) 36.0-36.9, adult	ICD-10-CM	Diagnosis
Z68.37	Body mass index (BMI) 37.0-37.9, adult	ICD-10-CM	Diagnosis
Z68.38	Body mass index (BMI) 38.0-38.9, adult	ICD-10-CM	Diagnosis
Z68.39	Body mass index (BMI) 39.0-39.9, adult	ICD-10-CM	Diagnosis
Z68.41	Body mass index (BMI) 40.0-44.9, adult	ICD-10-CM	Diagnosis
Z68.42	Body mass index (BMI) 45.0-49.9, adult	ICD-10-CM	Diagnosis
Z68.43	Body mass index (BMI) 50.0-59.9, adult	ICD-10-CM	Diagnosis
Z68.44	Body mass index (BMI) 60.0-69.9, adult	ICD-10-CM	Diagnosis
Z68.45	Body mass index (BMI) 70 or greater, adult	ICD-10-CM	Diagnosis
Renal Disease			
580.0	Acute glomerulonephritis with lesion of proliferative glomerulonephritis	ICD-9-CM	Diagnosis
580	Acute glomerulonephritis	ICD-9-CM	Diagnosis
580.4	Acute glomerulonephritis with lesion of rapidly progressive glomerulonephritis	ICD-9-CM	Diagnosis
580.8	Acute glomerulonephritis with other specified pathological lesion in kidney	ICD-9-CM	Diagnosis
580.81	Acute glomerulonephritis with other specified pathological lesion in kidney in disease classified elsewhere	ICD-9-CM	Diagnosis
580.89	Other acute glomerulonephritis with other specified pathological lesion in kidney	ICD-9-CM	Diagnosis
580.9	Acute glomerulonephritis with unspecified pathological lesion in kidney	ICD-9-CM	Diagnosis
581.0	Nephrotic syndrome with lesion of proliferative glomerulonephritis	ICD-9-CM	Diagnosis
581	Nephrotic syndrome	ICD-9-CM	Diagnosis
581.1	Nephrotic syndrome with lesion of membranous glomerulonephritis	ICD-9-CM	Diagnosis
581.2	Nephrotic syndrome with lesion of membranoproliferative glomerulonephritis	ICD-9-CM	Diagnosis
581.3	Nephrotic syndrome with lesion of minimal change glomerulonephritis	ICD-9-CM	Diagnosis
581.8	Nephrotic syndrome with other specified pathological lesion in kidney	ICD-9-CM	Diagnosis
581.81	Nephrotic syndrome with other specified pathological lesion in kidney in diseases classified elsewhere	ICD-9-CM	Diagnosis
581.89	Other nephrotic syndrome with specified pathological lesion in kidney	ICD-9-CM	Diagnosis
581.9	Nephrotic syndrome with unspecified pathological lesion in kidney	ICD-9-CM	Diagnosis
582.0	Chronic glomerulonephritis with lesion of proliferative glomerulonephritis	ICD-9-CM	Diagnosis
582	Chronic glomerulonephritis	ICD-9-CM	Diagnosis
582.1	Chronic glomerulonephritis with lesion of membranous glomerulonephritis	ICD-9-CM	Diagnosis
582.2	Chronic glomerulonephritis with lesion of membranoproliferative glomerulonephritis	ICD-9-CM	Diagnosis
582.4	Chronic glomerulonephritis with lesion of rapidly progressive glomerulonephritis	ICD-9-CM	Diagnosis
582.8	Chronic glomerulonephritis with other specified pathological lesion in kidney	ICD-9-CM	Diagnosis
582.81	Chronic glomerulonephritis with other specified pathological lesion in kidney in diseases classified elsewhere	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
582.89	Other chronic glomerulonephritis with specified pathological lesion in kidney	ICD-9-CM	Diagnosis
582.9	Chronic glomerulonephritis with unspecified pathological lesion in kidney	ICD-9-CM	Diagnosis
583.0	Nephritis and nephropathy, not specified as acute or chronic, with lesion of proliferative glomerulonephritis	ICD-9-CM	Diagnosis
583	Nephritis and nephropathy, not specified as acute or chronic	ICD-9-CM	Diagnosis
583.1	Nephritis and nephropathy, not specified as acute or chronic, with lesion of membranous glomerulonephritis	ICD-9-CM	Diagnosis
583.2	Nephritis and nephropathy, not specified as acute or chronic, with lesion of membranoproliferative glomerulonephritis	ICD-9-CM	Diagnosis
583.4	Nephritis and nephropathy, not specified as acute or chronic, with lesion of rapidly progressive glomerulonephritis	ICD-9-CM	Diagnosis
583.6	Nephritis and nephropathy, not specified as acute or chronic, with lesion of renal cortical necrosis	ICD-9-CM	Diagnosis
583.7	Nephritis and nephropathy, not specified as acute or chronic, with lesion of renal medullary necrosis	ICD-9-CM	Diagnosis
583.8	Nephritis and nephropathy, not specified as acute or chronic, with other specified pathological lesion in kidney	ICD-9-CM	Diagnosis
583.81	Nephritis and nephropathy, not specified as acute or chronic, with other specified pathological lesion in kidney, in diseases classified elsewhere	ICD-9-CM	Diagnosis
583.89	Other nephritis and nephropathy, not specified as acute or chronic, with specified pathological lesion in kidney	ICD-9-CM	Diagnosis
583.9	Nephritis and nephropathy, not specified as acute or chronic, with unspecified pathological lesion in kidney	ICD-9-CM	Diagnosis
584	Acute kidney failure	ICD-9-CM	Diagnosis
584.5	Acute kidney failure with lesion of tubular necrosis	ICD-9-CM	Diagnosis
584.6	Acute kidney failure with lesion of renal cortical necrosis	ICD-9-CM	Diagnosis
584.7	Acute kidney failure with lesion of medullary [papillary] necrosis	ICD-9-CM	Diagnosis
584.8	Acute kidney failure with other specified pathological lesion in kidney	ICD-9-CM	Diagnosis
584.9	Acute kidney failure, unspecified	ICD-9-CM	Diagnosis
585	Chronic kidney disease (CKD)	ICD-9-CM	Diagnosis
585.1	Chronic kidney disease, Stage I	ICD-9-CM	Diagnosis
585.2	Chronic kidney disease, Stage II (mild)	ICD-9-CM	Diagnosis
585.3	Chronic kidney disease, Stage III (moderate)	ICD-9-CM	Diagnosis
585.4	Chronic kidney disease, Stage IV (severe)	ICD-9-CM	Diagnosis
585.5	Chronic kidney disease, Stage V	ICD-9-CM	Diagnosis
585.9	Chronic kidney disease, unspecified	ICD-9-CM	Diagnosis
586	Unspecified renal failure	ICD-9-CM	Diagnosis
587	Unspecified renal sclerosis	ICD-9-CM	Diagnosis
588.0	Renal osteodystrophy	ICD-9-CM	Diagnosis
588	Disorders resulting from impaired renal function	ICD-9-CM	Diagnosis
588.1	Nephrogenic diabetes insipidus	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
588.8	Other specified disorder resulting from impaired renal function	ICD-9-CM	Diagnosis
588.81	Secondary hyperparathyroidism (of renal origin)	ICD-9-CM	Diagnosis
588.89	Other specified disorders resulting from impaired renal function	ICD-9-CM	Diagnosis
588.9	Unspecified disorder resulting from impaired renal function	ICD-9-CM	Diagnosis
589.0	Unilateral small kidney	ICD-9-CM	Diagnosis
589	Small kidney of unknown cause	ICD-9-CM	Diagnosis
589.1	Bilateral small kidneys	ICD-9-CM	Diagnosis
589.9	Unspecified small kidney	ICD-9-CM	Diagnosis
590.00	Chronic pyelonephritis without lesion of renal medullary necrosis	ICD-9-CM	Diagnosis
590.0	Chronic pyelonephritis	ICD-9-CM	Diagnosis
590	Infections of kidney	ICD-9-CM	Diagnosis
590.01	Chronic pyelonephritis with lesion of renal medullary necrosis	ICD-9-CM	Diagnosis
590.10	Acute pyelonephritis without lesion of renal medullary necrosis	ICD-9-CM	Diagnosis
590.1	Acute pyelonephritis	ICD-9-CM	Diagnosis
590.11	Acute pyelonephritis with lesion of renal medullary necrosis	ICD-9-CM	Diagnosis
590.2	Renal and perinephric abscess	ICD-9-CM	Diagnosis
590.3	Pyeloureteritis cystica	ICD-9-CM	Diagnosis
590.80	Unspecified pyelonephritis	ICD-9-CM	Diagnosis
590.8	Other pyelonephritis or pyonephrosis, not specified as acute or chronic	ICD-9-CM	Diagnosis
590.81	Pyelitis or pyelonephritis in diseases classified elsewhere	ICD-9-CM	Diagnosis
590.9	Unspecified infection of kidney	ICD-9-CM	Diagnosis
591	Hydronephrosis	ICD-9-CM	Diagnosis
592.0	Calculus of kidney	ICD-9-CM	Diagnosis
592	Calculus of kidney and ureter	ICD-9-CM	Diagnosis
592.1	Calculus of ureter	ICD-9-CM	Diagnosis
592.9	Unspecified urinary calculus	ICD-9-CM	Diagnosis
593.0	Nephroptosis	ICD-9-CM	Diagnosis
593	Other disorders of kidney and ureter	ICD-9-CM	Diagnosis
593.1	Hypertrophy of kidney	ICD-9-CM	Diagnosis
593.2	Acquired cyst of kidney	ICD-9-CM	Diagnosis
593.3	Stricture or kinking of ureter	ICD-9-CM	Diagnosis
593.4	Other ureteric obstruction	ICD-9-CM	Diagnosis
593.5	Hydroureter	ICD-9-CM	Diagnosis
593.6	Postural proteinuria	ICD-9-CM	Diagnosis
593.70	Vesicoureteral reflux, unspecified or without reflux nephropathy	ICD-9-CM	Diagnosis
593.7	Vesicoureteral reflux	ICD-9-CM	Diagnosis
593.71	Vesicoureteral reflux with reflux nephropathy, unilateral	ICD-9-CM	Diagnosis
593.72	Vesicoureteral reflux with reflux nephropathy, bilateral	ICD-9-CM	Diagnosis
593.73	Vesicoureteral reflux with reflux nephropathy, NOS	ICD-9-CM	Diagnosis
593.8	Other specified disorders of kidney and ureter	ICD-9-CM	Diagnosis
593.81	Vascular disorders of kidney	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
593.82	Ureteral fistula	ICD-9-CM	Diagnosis
593.89	Other specified disorder of kidney and ureter	ICD-9-CM	Diagnosis
593.9	Unspecified disorder of kidney and ureter	ICD-9-CM	Diagnosis
594.0	Calculus in diverticulum of bladder	ICD-9-CM	Diagnosis
594	Calculus of lower urinary tract	ICD-9-CM	Diagnosis
594.1	Other calculus in bladder	ICD-9-CM	Diagnosis
594.2	Calculus in urethra	ICD-9-CM	Diagnosis
594.8	Other lower urinary tract calculus	ICD-9-CM	Diagnosis
594.9	Unspecified calculus of lower urinary tract	ICD-9-CM	Diagnosis
595.0	Acute cystitis	ICD-9-CM	Diagnosis
595	Cystitis	ICD-9-CM	Diagnosis
595.1	Chronic interstitial cystitis	ICD-9-CM	Diagnosis
595.2	Other chronic cystitis	ICD-9-CM	Diagnosis
595.3	Trigonitis	ICD-9-CM	Diagnosis
595.4	Cystitis in diseases classified elsewhere	ICD-9-CM	Diagnosis
595.8	Other specified types of cystitis	ICD-9-CM	Diagnosis
595.81	Cystitis cystica	ICD-9-CM	Diagnosis
595.82	Irradiation cystitis	ICD-9-CM	Diagnosis
595.89	Other specified types of cystitis	ICD-9-CM	Diagnosis
595.9	Unspecified cystitis	ICD-9-CM	Diagnosis
596.0	Bladder neck obstruction	ICD-9-CM	Diagnosis
596	Other disorders of bladder	ICD-9-CM	Diagnosis
596.1	Intestinovesical fistula	ICD-9-CM	Diagnosis
596.2	Vesical fistula, not elsewhere classified	ICD-9-CM	Diagnosis
596.3	Diverticulum of bladder	ICD-9-CM	Diagnosis
596.4	Atony of bladder	ICD-9-CM	Diagnosis
596.5	Other functional disorders of bladder	ICD-9-CM	Diagnosis
596.51	Hypertonicity of bladder	ICD-9-CM	Diagnosis
596.52	Low bladder compliance	ICD-9-CM	Diagnosis
596.53	Paralysis of bladder	ICD-9-CM	Diagnosis
596.54	Neurogenic bladder, NOS	ICD-9-CM	Diagnosis
596.55	Detrusor sphincter dyssynergia	ICD-9-CM	Diagnosis
596.59	Other functional disorder of bladder	ICD-9-CM	Diagnosis
596.6	Nontraumatic rupture of bladder	ICD-9-CM	Diagnosis
596.7	Hemorrhage into bladder wall	ICD-9-CM	Diagnosis
596.8	Other specified disorders of bladder	ICD-9-CM	Diagnosis
596.81	Infection of cystostomy	ICD-9-CM	Diagnosis
596.82	Mechanical complication of cystostomy	ICD-9-CM	Diagnosis
596.83	Other complication of cystostomy	ICD-9-CM	Diagnosis
596.89	Other specified disorders of bladder	ICD-9-CM	Diagnosis
596.9	Unspecified disorder of bladder	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
597.0	Urethral abscess	ICD-9-CM	Diagnosis
597	Urethritis, not sexually transmitted, and urethral syndrome	ICD-9-CM	Diagnosis
597.80	Unspecified urethritis	ICD-9-CM	Diagnosis
597.8	Other urethritis	ICD-9-CM	Diagnosis
597.81	Urethral syndrome NOS	ICD-9-CM	Diagnosis
597.89	Other urethritis	ICD-9-CM	Diagnosis
598.00	Urethral stricture due to unspecified infection	ICD-9-CM	Diagnosis
598.0	Urethral stricture due to infection	ICD-9-CM	Diagnosis
598	Urethral stricture	ICD-9-CM	Diagnosis
598.01	Urethral stricture due to infective diseases classified elsewhere	ICD-9-CM	Diagnosis
598.1	Traumatic urethral stricture	ICD-9-CM	Diagnosis
598.2	Postoperative urethral stricture	ICD-9-CM	Diagnosis
598.8	Other specified causes of urethral stricture	ICD-9-CM	Diagnosis
598.9	Unspecified urethral stricture	ICD-9-CM	Diagnosis
599.0	Urinary tract infection, site not specified	ICD-9-CM	Diagnosis
599	Other disorders of urethra and urinary tract	ICD-9-CM	Diagnosis
599.1	Urethral fistula	ICD-9-CM	Diagnosis
599.2	Urethral diverticulum	ICD-9-CM	Diagnosis
599.3	Urethral caruncle	ICD-9-CM	Diagnosis
599.4	Urethral false passage	ICD-9-CM	Diagnosis
599.5	Prolapsed urethral mucosa	ICD-9-CM	Diagnosis
599.60	Urinary obstruction, unspecified	ICD-9-CM	Diagnosis
599.6	Urinary obstruction	ICD-9-CM	Diagnosis
599.69	Urinary obstruction, not elsewhere classified	ICD-9-CM	Diagnosis
599.70	Hematuria, unspecified	ICD-9-CM	Diagnosis
599.7	Hematuria	ICD-9-CM	Diagnosis
599.71	Gross hematuria	ICD-9-CM	Diagnosis
599.72	Microscopic hematuria	ICD-9-CM	Diagnosis
599.8	Other specified disorder of urethra and urinary tract	ICD-9-CM	Diagnosis
599.81	Urethral hypermobility	ICD-9-CM	Diagnosis
599.82	Intrinsic (urethral) sphincter deficiency (ISD)	ICD-9-CM	Diagnosis
599.83	Urethral instability	ICD-9-CM	Diagnosis
599.84	Other specified disorders of urethra	ICD-9-CM	Diagnosis
599.89	Other specified disorders of urinary tract	ICD-9-CM	Diagnosis
599.9	Unspecified disorder of urethra and urinary tract	ICD-9-CM	Diagnosis
A56.01	Chlamydial cystitis and urethritis	ICD-10-CM	Diagnosis
B52.0	Plasmodium malariae malaria with nephropathy	ICD-10-CM	Diagnosis
M32.14	Glomerular disease in systemic lupus erythematosus	ICD-10-CM	Diagnosis
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus	ICD-10-CM	Diagnosis
M35.04	Sicca syndrome with tubulo-interstitial nephropathy	ICD-10-CM	Diagnosis
N00.0	Acute nephritic syndrome with minor glomerular abnormality	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
N00.1	Acute nephritic syndrome with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N00.2	Acute nephritic syndrome with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N00.3	Acute nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N00.4	Acute nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N00.5	Acute nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N00.6	Acute nephritic syndrome with dense deposit disease	ICD-10-CM	Diagnosis
N00.7	Acute nephritic syndrome with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N00.8	Acute nephritic syndrome with other morphologic changes	ICD-10-CM	Diagnosis
N00.9	Acute nephritic syndrome with unspecified morphologic changes	ICD-10-CM	Diagnosis
N01.0	Rapidly progressive nephritic syndrome with minor glomerular abnormality	ICD-10-CM	Diagnosis
N01.1	Rapidly progressive nephritic syndrome with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N01.2	Rapidly progressive nephritic syndrome with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N01.3	Rapidly progressive nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N01.4	Rapidly progressive nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N01.5	Rapidly progressive nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N01.6	Rapidly progressive nephritic syndrome with dense deposit disease	ICD-10-CM	Diagnosis
N01.7	Rapidly progressive nephritic syndrome with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N01.8	Rapidly progressive nephritic syndrome with other morphologic changes	ICD-10-CM	Diagnosis
N01.9	Rapidly progressive nephritic syndrome with unspecified morphologic changes	ICD-10-CM	Diagnosis
N02.0	Recurrent and persistent hematuria with minor glomerular abnormality	ICD-10-CM	Diagnosis
N02.1	Recurrent and persistent hematuria with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N02.2	Recurrent and persistent hematuria with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N02.3	Recurrent and persistent hematuria with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N02.4	Recurrent and persistent hematuria with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N02.5	Recurrent and persistent hematuria with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N02.6	Recurrent and persistent hematuria with dense deposit disease	ICD-10-CM	Diagnosis
N02.7	Recurrent and persistent hematuria with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
N02.8	Recurrent and persistent hematuria with other morphologic changes	ICD-10-CM	Diagnosis
N02.9	Recurrent and persistent hematuria with unspecified morphologic changes	ICD-10-CM	Diagnosis
N03.0	Chronic nephritic syndrome with minor glomerular abnormality	ICD-10-CM	Diagnosis
N03.1	Chronic nephritic syndrome with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N03.2	Chronic nephritic syndrome with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N03.3	Chronic nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N03.4	Chronic nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N03.5	Chronic nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N03.6	Chronic nephritic syndrome with dense deposit disease	ICD-10-CM	Diagnosis
N03.7	Chronic nephritic syndrome with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N03.8	Chronic nephritic syndrome with other morphologic changes	ICD-10-CM	Diagnosis
N03.9	Chronic nephritic syndrome with unspecified morphologic changes	ICD-10-CM	Diagnosis
N04.0	Nephrotic syndrome with minor glomerular abnormality	ICD-10-CM	Diagnosis
N04.1	Nephrotic syndrome with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N04.2	Nephrotic syndrome with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N04.3	Nephrotic syndrome with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N04.4	Nephrotic syndrome with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N04.5	Nephrotic syndrome with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N04.6	Nephrotic syndrome with dense deposit disease	ICD-10-CM	Diagnosis
N04.7	Nephrotic syndrome with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N04.8	Nephrotic syndrome with other morphologic changes	ICD-10-CM	Diagnosis
N04.9	Nephrotic syndrome with unspecified morphologic changes	ICD-10-CM	Diagnosis
N05.0	Unspecified nephritic syndrome with minor glomerular abnormality	ICD-10-CM	Diagnosis
N05.1	Unspecified nephritic syndrome with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N05.2	Unspecified nephritic syndrome with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N05.3	Unspecified nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N05.4	Unspecified nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N05.5	Unspecified nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N05.6	Unspecified nephritic syndrome with dense deposit disease	ICD-10-CM	Diagnosis
N05.7	Unspecified nephritic syndrome with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N05.8	Unspecified nephritic syndrome with other morphologic changes	ICD-10-CM	Diagnosis
N05.9	Unspecified nephritic syndrome with unspecified morphologic changes	ICD-10-CM	Diagnosis
N06.0	Isolated proteinuria with minor glomerular abnormality	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
N06.1	Isolated proteinuria with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N06.2	Isolated proteinuria with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N06.3	Isolated proteinuria with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N06.4	Isolated proteinuria with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N06.5	Isolated proteinuria with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N06.6	Isolated proteinuria with dense deposit disease	ICD-10-CM	Diagnosis
N06.7	Isolated proteinuria with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N06.8	Isolated proteinuria with other morphologic lesion	ICD-10-CM	Diagnosis
N06.9	Isolated proteinuria with unspecified morphologic lesion	ICD-10-CM	Diagnosis
N07.0	Hereditary nephropathy, not elsewhere classified with minor glomerular abnormality	ICD-10-CM	Diagnosis
N07.1	Hereditary nephropathy, not elsewhere classified with focal and segmental glomerular lesions	ICD-10-CM	Diagnosis
N07.2	Hereditary nephropathy, not elsewhere classified with diffuse membranous glomerulonephritis	ICD-10-CM	Diagnosis
N07.3	Hereditary nephropathy, not elsewhere classified with diffuse mesangial proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N07.4	Hereditary nephropathy, not elsewhere classified with diffuse endocapillary proliferative glomerulonephritis	ICD-10-CM	Diagnosis
N07.5	Hereditary nephropathy, not elsewhere classified with diffuse mesangiocapillary glomerulonephritis	ICD-10-CM	Diagnosis
N07.6	Hereditary nephropathy, not elsewhere classified with dense deposit disease	ICD-10-CM	Diagnosis
N07.7	Hereditary nephropathy, not elsewhere classified with diffuse crescentic glomerulonephritis	ICD-10-CM	Diagnosis
N07.8	Hereditary nephropathy, not elsewhere classified with other morphologic lesions	ICD-10-CM	Diagnosis
N07.9	Hereditary nephropathy, not elsewhere classified with unspecified morphologic lesions	ICD-10-CM	Diagnosis
N08	Glomerular disorders in diseases classified elsewhere	ICD-10-CM	Diagnosis
N10	Acute pyelonephritis	ICD-10-CM	Diagnosis
N11.0	Nonobstructive reflux-associated chronic pyelonephritis	ICD-10-CM	Diagnosis
N11.1	Chronic obstructive pyelonephritis	ICD-10-CM	Diagnosis
N11.8	Other chronic tubulo-interstitial nephritis	ICD-10-CM	Diagnosis
N11.9	Chronic tubulo-interstitial nephritis, unspecified	ICD-10-CM	Diagnosis
N12	Tubulo-interstitial nephritis, not specified as acute or chronic	ICD-10-CM	Diagnosis
N13.0	Hydronephrosis with ureteropelvic junction obstruction	ICD-10-CM	Diagnosis
N13.1	Hydronephrosis with ureteral stricture, not elsewhere classified	ICD-10-CM	Diagnosis
N13.2	Hydronephrosis with renal and ureteral calculous obstruction	ICD-10-CM	Diagnosis
N13.30	Unspecified hydronephrosis	ICD-10-CM	Diagnosis
N13.39	Other hydronephrosis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
N13.4	Hydroureter	ICD-10-CM	Diagnosis
N13.5	Crossing vessel and stricture of ureter without hydronephrosis	ICD-10-CM	Diagnosis
N13.6	Pyonephrosis	ICD-10-CM	Diagnosis
N13.70	Vesicoureteral-reflux, unspecified	ICD-10-CM	Diagnosis
N13.71	Vesicoureteral-reflux without reflux nephropathy	ICD-10-CM	Diagnosis
N13.721	Vesicoureteral-reflux with reflux nephropathy without hydroureter, unilateral	ICD-10-CM	Diagnosis
N13.722	Vesicoureteral-reflux with reflux nephropathy without hydroureter, bilateral	ICD-10-CM	Diagnosis
N13.729	Vesicoureteral-reflux with reflux nephropathy without hydroureter, unspecified	ICD-10-CM	Diagnosis
N13.731	Vesicoureteral-reflux with reflux nephropathy with hydroureter, unilateral	ICD-10-CM	Diagnosis
N13.732	Vesicoureteral-reflux with reflux nephropathy with hydroureter, bilateral	ICD-10-CM	Diagnosis
N13.739	Vesicoureteral-reflux with reflux nephropathy with hydroureter, unspecified	ICD-10-CM	Diagnosis
N13.8	Other obstructive and reflux uropathy	ICD-10-CM	Diagnosis
N13.9	Obstructive and reflux uropathy, unspecified	ICD-10-CM	Diagnosis
N14.0	Analgesic nephropathy	ICD-10-CM	Diagnosis
N14.1	Nephropathy induced by other drugs, medicaments and biological substances	ICD-10-CM	Diagnosis
N14.2	Nephropathy induced by unspecified drug, medicament or biological substance	ICD-10-CM	Diagnosis
N14.3	Nephropathy induced by heavy metals	ICD-10-CM	Diagnosis
N14.4	Toxic nephropathy, not elsewhere classified	ICD-10-CM	Diagnosis
N15.0	Balkan nephropathy	ICD-10-CM	Diagnosis
N15.1	Renal and perinephric abscess	ICD-10-CM	Diagnosis
N15.8	Other specified renal tubulo-interstitial diseases	ICD-10-CM	Diagnosis
N15.9	Renal tubulo-interstitial disease, unspecified	ICD-10-CM	Diagnosis
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere	ICD-10-CM	Diagnosis
N17.0	Acute kidney failure with tubular necrosis	ICD-10-CM	Diagnosis
N17.1	Acute kidney failure with acute cortical necrosis	ICD-10-CM	Diagnosis
N17.2	Acute kidney failure with medullary necrosis	ICD-10-CM	Diagnosis
N17.8	Other acute kidney failure	ICD-10-CM	Diagnosis
N17.9	Acute kidney failure, unspecified	ICD-10-CM	Diagnosis
N18.1	Chronic kidney disease, stage 1	ICD-10-CM	Diagnosis
N18.2	Chronic kidney disease, stage 2 (mild)	ICD-10-CM	Diagnosis
N18.3	Chronic kidney disease, stage 3 (moderate)	ICD-10-CM	Diagnosis
N18.4	Chronic kidney disease, stage 4 (severe)	ICD-10-CM	Diagnosis
N18.5	Chronic kidney disease, stage 5	ICD-10-CM	Diagnosis
N18.9	Chronic kidney disease, unspecified	ICD-10-CM	Diagnosis
N19	Unspecified kidney failure	ICD-10-CM	Diagnosis
N20.0	Calculus of kidney	ICD-10-CM	Diagnosis
N20.1	Calculus of ureter	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
N20.2	Calculus of kidney with calculus of ureter	ICD-10-CM	Diagnosis
N20.9	Urinary calculus, unspecified	ICD-10-CM	Diagnosis
N21.0	Calculus in bladder	ICD-10-CM	Diagnosis
N21.1	Calculus in urethra	ICD-10-CM	Diagnosis
N21.8	Other lower urinary tract calculus	ICD-10-CM	Diagnosis
N21.9	Calculus of lower urinary tract, unspecified	ICD-10-CM	Diagnosis
N22	Calculus of urinary tract in diseases classified elsewhere	ICD-10-CM	Diagnosis
N25.0	Renal osteodystrophy	ICD-10-CM	Diagnosis
N25.1	Nephrogenic diabetes insipidus	ICD-10-CM	Diagnosis
N25.81	Secondary hyperparathyroidism of renal origin	ICD-10-CM	Diagnosis
N25.89	Other disorders resulting from impaired renal tubular function	ICD-10-CM	Diagnosis
N25.9	Disorder resulting from impaired renal tubular function, unspecified	ICD-10-CM	Diagnosis
N26.1	Atrophy of kidney (terminal)	ICD-10-CM	Diagnosis
N26.9	Renal sclerosis, unspecified	ICD-10-CM	Diagnosis
N27.0	Small kidney, unilateral	ICD-10-CM	Diagnosis
N27.1	Small kidney, bilateral	ICD-10-CM	Diagnosis
N27.9	Small kidney, unspecified	ICD-10-CM	Diagnosis
N28.0	Ischemia and infarction of kidney	ICD-10-CM	Diagnosis
N28.1	Cyst of kidney, acquired	ICD-10-CM	Diagnosis
N28.81	Hypertrophy of kidney	ICD-10-CM	Diagnosis
N28.82	Megaloureter	ICD-10-CM	Diagnosis
N28.83	Nephroptosis	ICD-10-CM	Diagnosis
N28.84	Pyelitis cystica	ICD-10-CM	Diagnosis
N28.85	Pyeloureteritis cystica	ICD-10-CM	Diagnosis
N28.86	Ureteritis cystica	ICD-10-CM	Diagnosis
N28.89	Other specified disorders of kidney and ureter	ICD-10-CM	Diagnosis
N28.9	Disorder of kidney and ureter, unspecified	ICD-10-CM	Diagnosis
N29	Other disorders of kidney and ureter in diseases classified elsewhere	ICD-10-CM	Diagnosis
N30.00	Acute cystitis without hematuria	ICD-10-CM	Diagnosis
N30.01	Acute cystitis with hematuria	ICD-10-CM	Diagnosis
N30.10	Interstitial cystitis (chronic) without hematuria	ICD-10-CM	Diagnosis
N30.11	Interstitial cystitis (chronic) with hematuria	ICD-10-CM	Diagnosis
N30.20	Other chronic cystitis without hematuria	ICD-10-CM	Diagnosis
N30.21	Other chronic cystitis with hematuria	ICD-10-CM	Diagnosis
N30.30	Trigonitis without hematuria	ICD-10-CM	Diagnosis
N30.31	Trigonitis with hematuria	ICD-10-CM	Diagnosis
N30.40	Irradiation cystitis without hematuria	ICD-10-CM	Diagnosis
N30.41	Irradiation cystitis with hematuria	ICD-10-CM	Diagnosis
N30.80	Other cystitis without hematuria	ICD-10-CM	Diagnosis
N30.81	Other cystitis with hematuria	ICD-10-CM	Diagnosis
N30.90	Cystitis, unspecified without hematuria	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
N30.91	Cystitis, unspecified with hematuria	ICD-10-CM	Diagnosis
N31.0	Uninhibited neuropathic bladder, not elsewhere classified	ICD-10-CM	Diagnosis
N31.1	Reflex neuropathic bladder, not elsewhere classified	ICD-10-CM	Diagnosis
N31.2	Flaccid neuropathic bladder, not elsewhere classified	ICD-10-CM	Diagnosis
N31.8	Other neuromuscular dysfunction of bladder	ICD-10-CM	Diagnosis
N31.9	Neuromuscular dysfunction of bladder, unspecified	ICD-10-CM	Diagnosis
N32.0	Bladder-neck obstruction	ICD-10-CM	Diagnosis
N32.1	Vesicointestinal fistula	ICD-10-CM	Diagnosis
N32.2	Vesical fistula, not elsewhere classified	ICD-10-CM	Diagnosis
N32.3	Diverticulum of bladder	ICD-10-CM	Diagnosis
N32.81	Overactive bladder	ICD-10-CM	Diagnosis
N32.89	Other specified disorders of bladder	ICD-10-CM	Diagnosis
N32.9	Bladder disorder, unspecified	ICD-10-CM	Diagnosis
N33	Bladder disorders in diseases classified elsewhere	ICD-10-CM	Diagnosis
N34.0	Urethral abscess	ICD-10-CM	Diagnosis
N34.1	Nonspecific urethritis	ICD-10-CM	Diagnosis
N34.2	Other urethritis	ICD-10-CM	Diagnosis
N34.3	Urethral syndrome, unspecified	ICD-10-CM	Diagnosis
N35.010	Post-traumatic urethral stricture, male, meatal	ICD-10-CM	Diagnosis
N35.011	Post-traumatic bulbous urethral stricture	ICD-10-CM	Diagnosis
N35.012	Post-traumatic membranous urethral stricture	ICD-10-CM	Diagnosis
N35.013	Post-traumatic anterior urethral stricture	ICD-10-CM	Diagnosis
N35.014	Post-traumatic urethral stricture, male, unspecified	ICD-10-CM	Diagnosis
N35.021	Urethral stricture due to childbirth	ICD-10-CM	Diagnosis
N35.028	Other post-traumatic urethral stricture, female	ICD-10-CM	Diagnosis
N35.111	Postinfective urethral stricture, not elsewhere classified, male, meatal	ICD-10-CM	Diagnosis
N35.112	Postinfective bulbous urethral stricture, not elsewhere classified, male	ICD-10-CM	Diagnosis
N35.113	Postinfective membranous urethral stricture, not elsewhere classified, male	ICD-10-CM	Diagnosis
N35.114	Postinfective anterior urethral stricture, not elsewhere classified, male	ICD-10-CM	Diagnosis
N35.119	Postinfective urethral stricture, not elsewhere classified, male, unspecified	ICD-10-CM	Diagnosis
N35.12	Postinfective urethral stricture, not elsewhere classified, female	ICD-10-CM	Diagnosis
N35.8	Other urethral stricture	ICD-10-CM	Diagnosis
N35.9	Urethral stricture, unspecified	ICD-10-CM	Diagnosis
N36.0	Urethral fistula	ICD-10-CM	Diagnosis
N36.1	Urethral diverticulum	ICD-10-CM	Diagnosis
N36.2	Urethral caruncle	ICD-10-CM	Diagnosis
N36.41	Hypermobility of urethra	ICD-10-CM	Diagnosis
N36.42	Intrinsic sphincter deficiency (ISD)	ICD-10-CM	Diagnosis
N36.43	Combined hypermobility of urethra and intrinsic sphincter deficiency	ICD-10-CM	Diagnosis
N36.44	Muscular disorders of urethra	ICD-10-CM	Diagnosis
N36.5	Urethral false passage	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
N36.8	Other specified disorders of urethra	ICD-10-CM	Diagnosis
N36.9	Urethral disorder, unspecified	ICD-10-CM	Diagnosis
N37	Urethral disorders in diseases classified elsewhere	ICD-10-CM	Diagnosis
N39.0	Urinary tract infection, site not specified	ICD-10-CM	Diagnosis
N39.8	Other specified disorders of urinary system	ICD-10-CM	Diagnosis
N39.9	Disorder of urinary system, unspecified	ICD-10-CM	Diagnosis
N99.110	Postprocedural urethral stricture, male, meatal	ICD-10-CM	Diagnosis
N99.111	Postprocedural bulbous urethral stricture, male	ICD-10-CM	Diagnosis
N99.112	Postprocedural membranous urethral stricture, male	ICD-10-CM	Diagnosis
N99.113	Postprocedural anterior bulbous urethral stricture, male	ICD-10-CM	Diagnosis
N99.114	Postprocedural urethral stricture, male, unspecified	ICD-10-CM	Diagnosis
N99.115	Postprocedural fossa navicularis urethral stricture	ICD-10-CM	Diagnosis
N99.12	Postprocedural urethral stricture, female	ICD-10-CM	Diagnosis
N99.510	Cystostomy hemorrhage	ICD-10-CM	Diagnosis
N99.511	Cystostomy infection	ICD-10-CM	Diagnosis
N99.512	Cystostomy malfunction	ICD-10-CM	Diagnosis
N99.518	Other cystostomy complication	ICD-10-CM	Diagnosis
R31.0	Gross hematuria	ICD-10-CM	Diagnosis
R31.1	Benign essential microscopic hematuria	ICD-10-CM	Diagnosis
R31.21	Asymptomatic microscopic hematuria	ICD-10-CM	Diagnosis
R31.29	Other microscopic hematuria	ICD-10-CM	Diagnosis
R31.9	Hematuria, unspecified	ICD-10-CM	Diagnosis
R80.2	Orthostatic proteinuria, unspecified	ICD-10-CM	Diagnosis
Smoking			
305.1	Nondependent tobacco use disorder	ICD-9-CM	Diagnosis
649.0	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care or not applicable	ICD-9-CM	Diagnosis
649.00	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.01	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.02	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, antepartum condition or complication	ICD-9-CM	Diagnosis
649.03	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication	ICD-9-CM	Diagnosis
649.04	Toxic effect of tobacco	ICD-9-CM	Diagnosis
989.84	Personal history of tobacco use, presenting hazards to health	ICD-9-CM	Diagnosis
F17.200	Nicotine dependence, unspecified, uncomplicated	ICD-10-CM	Diagnosis
F17.201	Nicotine dependence, unspecified, in remission	ICD-10-CM	Diagnosis
F17.210	Nicotine dependence, cigarettes, uncomplicated	ICD-10-CM	Diagnosis
F17.211	Nicotine dependence, cigarettes, in remission	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
F17.220	Nicotine dependence, chewing tobacco, uncomplicated	ICD-10-CM	Diagnosis
F17.221	Nicotine dependence, chewing tobacco, in remission	ICD-10-CM	Diagnosis
F17.290	Nicotine dependence, other tobacco product, uncomplicated	ICD-10-CM	Diagnosis
F17.291	Nicotine dependence, other tobacco product, in remission	ICD-10-CM	Diagnosis
O99.330	Smoking (tobacco) complicating pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O99.331	Smoking (tobacco) complicating pregnancy, first trimester	ICD-10-CM	Diagnosis
O99.332	Smoking (tobacco) complicating pregnancy, second trimester	ICD-10-CM	Diagnosis
O99.333	Smoking (tobacco) complicating pregnancy, third trimester	ICD-10-CM	Diagnosis
O99.334	Smoking (tobacco) complicating childbirth	ICD-10-CM	Diagnosis
O99.335	Smoking (tobacco) complicating the puerperium	ICD-10-CM	Diagnosis
T65.211A	Toxic effect of chewing tobacco, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T65.212A	Toxic effect of chewing tobacco, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T65.213A	Toxic effect of chewing tobacco, assault, initial encounter	ICD-10-CM	Diagnosis
T65.214A	Toxic effect of chewing tobacco, undetermined, initial encounter	ICD-10-CM	Diagnosis
T65.221A	Toxic effect of tobacco cigarettes, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T65.222A	Toxic effect of tobacco cigarettes, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T65.223A	Toxic effect of tobacco cigarettes, assault, initial encounter	ICD-10-CM	Diagnosis
T65.224A	Toxic effect of tobacco cigarettes, undetermined, initial encounter	ICD-10-CM	Diagnosis
T65.291A	Toxic effect of other tobacco and nicotine, accidental (unintentional), initial encounter	ICD-10-CM	Diagnosis
T65.292A	Toxic effect of other tobacco and nicotine, intentional self-harm, initial encounter	ICD-10-CM	Diagnosis
T65.293A	Toxic effect of other tobacco and nicotine, assault, initial encounter	ICD-10-CM	Diagnosis
T65.294A	Toxic effect of other tobacco and nicotine, undetermined, initial encounter	ICD-10-CM	Diagnosis
V15.82	Nondependent tobacco use disorder	ICD-10-CM	Diagnosis
Z87.891	Personal history of nicotine dependence	ICD-10-CM	Diagnosis

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

Generic Name	Brand Name
Antidiabetic Medication	
dapagliflozin propanediol	Farxiga
saxagliptin HCl	Onglyza
saxagliptin HCl/metformin HCl	Kombiglyze XR
sitagliptin phosphate/metformin HCl	Janumet XR
sitagliptin phosphate	Januvia
sitagliptin phosphate/metformin HCl	Janumet
glyburide	Micronase
glyburide,micronized	Glynase
acarbose	Precose
glyburide	Diabeta
glimepiride	Amaryl
glipizide	Glucotrol XL
glipizide	Glucotrol
acarbose	acarbose
nateglinide	Starlix
metformin HCl	Glucophage
metformin HCl	Glucophage XR
glyburide/metformin HCl	Glucovance
glipizide/metformin HCl	Metaglip
metformin HCl	metformin
pioglitazone HCl	pioglitazone
pioglitazone HCl/metformin HCl	pioglitazone-metformin
glyburide/metformin HCl	glyburide-metformin
glimepiride	glimepiride
glipizide/metformin HCl	glipizide-metformin
glyburide,micronized	glyburide micronized
glyburide	glyburide
repaglinide	Prandin
repaglinide/metformin HCl	Prandimet
liraglutide	Saxenda
liraglutide	Victoza 2-Pak
liraglutide	Victoza 3-Pak
glipizide	glipizide
albiglutide	Tanzeum
dapagliflozin propanediol/metformin HCl	Xigduo XR
exenatide	Byetta
exenatide microspheres	Bydureon
exenatide microspheres	Bydureon BCise
dapagliflozin propanediol/saxagliptin HCl	Qtern
repaglinide	repaglinide
nateglinide	nateglinide
linagliptin	Tradjenta
linagliptin/metformin HCl	Jentadueto
empagliflozin	Jardiance
empagliflozin/metformin HCl	Synjardy

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

Generic Name	Brand Name
empagliflozin/linagliptin	Glyxambi
linagliptin/metformin HCl	Jentadueto XR
empagliflozin/metformin HCl	Synjardy XR
pioglitazone HCl/glimepiride	pioglitazone-glimepiride
metformin HCl	Riomet
pioglitazone HCl	Actos
metformin HCl	Glumetza
pioglitazone HCl/metformin HCl	Actoplus MET
glipizide	glipizide (bulk)
metformin HCl	metformin (bulk)
alogliptin benzoate	alogliptin
alogliptin benzoate/metformin HCl	alogliptin-metformin
alogliptin benzoate/pioglitazone HCl	alogliptin-pioglitazone
glyburide	glyburide (bulk)
canagliflozin	Invokana
canagliflozin/metformin HCl	Invokamet
canagliflozin/metformin HCl	Invokamet XR
metformin HCl	Fortamet
alogliptin benzoate/pioglitazone HCl	Oseni
alogliptin benzoate	Nesina
pioglitazone HCl/glimepiride	DUETACT
pioglitazone HCl/metformin HCl	Actoplus Met XR
alogliptin benzoate/metformin HCl	Kazano
glyburide, micronized	Glycron
repaglinide/metformin HCl	repaglinide-metformin
Antihypertensive Medications	
nicardipine HCl	Cardene SR
toremide	Demadex
lisinopril	Prinivil
ethacrynic acid	Edecrin
lisinopril/hydrochlorothiazide	Prinzide
losartan potassium/hydrochlorothiazide	Hyzaar
losartan potassium	Cozaar
chlorothiazide	Diuril
carvedilol phosphate	Coreg CR
triamterene/hydrochlorothiazide	Dyazide
carvedilol	Coreg
nebivolol HCl/valsartan	Byvalson
betaxolol HCl	Kerlone
irbesartan	Avapro
irbesartan/hydrochlorothiazide	Avalide
spironolactone	Aldactone
spironolactone/hydrochlorothiazide	Aldactazide
eplerenone	Inspra
verapamil HCl	Calan
verapamil HCl	Calan SR

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

Generic Name	Brand Name
verapamil HCl	Covera-HS
nimodipine	Nimotop
perindopril erbumine	Aceon
furosemide	Lasix
doxazosin mesylate	Cardura XL
doxazosin mesylate	Cardura
toremide	toremide
amlodipine besylate	amlodipine
ramipril	ramipril
perindopril erbumine	perindopril erbumine
losartan potassium	losartan
losartan potassium/hydrochlorothiazide	losartan-hydrochlorothiazide
irbesartan	irbesartan
irbesartan/hydrochlorothiazide	irbesartan-hydrochlorothiazide
phenoxybenzamine HCl	phenoxybenzamine
ethacrynic acid	ethacrynic acid
telmisartan	telmisartan
telmisartan/hydrochlorothiazide	telmisartan-hydrochlorothiazid
furosemide	furosemide
propranolol HCl	propranolol
amlodipine besylate	Norvasc
nifedipine	Procardia
nifedipine	Procardia XL
prazosin HCl	Minipress
quinapril HCl/hydrochlorothiazide	Accuretic
quinapril HCl	Accupril
verapamil HCl	verapamil
trandolapril	Mavik
diltiazem HCl	diltiazem HCl
eprosartan mesylate/hydrochlorothiazide	Teveten HCT
eprosartan mesylate	Teveten
diltiazem HCl	Cardizem LA
trandolapril/verapamil HCl	Tarka
valsartan/hydrochlorothiazide	Diovan HCT
valsartan	Diovan
amlodipine besylate/benazepril HCl	Lotrel
metoprolol tartrate	Lopressor
benazepril HCl	Lotensin
benazepril HCl/hydrochlorothiazide	Lotensin HCT
metoprolol tartrate/hydrochlorothiazide	Lopressor HCT
amlodipine besylate/valsartan	Exforge
aliskiren hemifumarate/hydrochlorothiazide	Tekturna HCT
amlodipine besylate/valsartan/hydrochlorothiazide	Exforge HCT
canakinumab/PF	Ilaris (PF)
aliskiren hemifumarate/amlodipine/hydrochlorothiazide	Amturnide
sacubitril/valsartan	Entresto

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

Generic Name	Brand Name
nifedipine	Adalat CC
fosinopril sodium	Monopril
fosinopril sodium/hydrochlorothiazide	Monopril HCT
verapamil HCl	Verelan
moexipril HCl	Univasc
moexipril HCl/hydrochlorothiazide	Uniretic
verapamil HCl	Verelan PM
penbutolol sulfate	Levatol
moexipril HCl	moexipril
enalapril maleate	enalapril maleate
carvedilol	carvedilol
captopril/hydrochlorothiazide	captopril-hydrochlorothiazide
metoprolol tartrate	metoprolol tartrate
atenolol	atenolol
nicardipine HCl	nicardipine
nifedipine	Nifedical XL
nifedipine	Nifediac CC
lisinopril/hydrochlorothiazide	lisinopril-hydrochlorothiazide
enalapril maleate/hydrochlorothiazide	enalapril-hydrochlorothiazide
quinapril HCl	quinapril
sotalol HCl	sotalol
nifedipine	nifedipine
doxazosin mesylate	doxazosin
hydrochlorothiazide	hydrochlorothiazide
prazosin HCl	prazosin
bumetanide	bumetanide
nadolol	nadolol
terazosin HCl	terazosin
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide	olmesartan-amlodipin-hcthiazid
benazepril HCl	benazepril
moexipril HCl/hydrochlorothiazide	moexipril-hydrochlorothiazide
bisoprolol fumarate	bisoprolol fumarate
amlodipine besylate/olmesartan medoxomil	amlodipine-olmesartan
amlodipine besylate/valsartan/hydrochlorothiazide	amlodipine-valsartan-hcthiazid
fosinopril sodium	fosinopril
trandolapril	trandolapril
amlodipine besylate/benazepril HCl	amlodipine-benazepril
valsartan	valsartan
olmesartan medoxomil	olmesartan
olmesartan medoxomil/hydrochlorothiazide	olmesartan-hydrochlorothiazide
amlodipine besylate/valsartan	amlodipine-valsartan
captopril	captopril
nadolol/bendroflumethiazide	nadolol-bendroflumethiazide
chlorothiazide	chlorothiazide
lisinopril	lisinopril

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

Generic Name	Brand Name
labetalol HCl	labetalol
phentolamine mesylate	phentolamine
enalaprilat dihydrate	enalaprilat
triamterene/hydrochlorothiazide	triamterene-hydrochlorothiazid
benazepril HCl/hydrochlorothiazide	benazepril-hydrochlorothiazide
isradipine	DynaCirc CR
propranolol HCl	InnoPran XL
hydralazine HCl	hydralazine
metolazone	metolazone
metoprolol succinate	metoprolol succinate
fosinopril sodium/hydrochlorothiazide	fosinopril-hydrochlorothiazide
bisoprolol fumarate/hydrochlorothiazide	bisoprolol-hydrochlorothiazide
eplerenone	eplerenone
candesartan cilexetil	Atacand
candesartan cilexetil/hydrochlorothiazide	Atacand HCT
metoprolol succinate	Toprol XL
enalapril maleate	Vasotec
enalapril maleate/hydrochlorothiazide	Vaseretic
diltiazem HCl	Cardizem
diltiazem HCl	Cardizem CD
diltiazem HCl	Tiazac
nitroprusside sodium	Nitropress
indapamide	indapamide
spironolactone	spironolactone
sotalol HCl	Sorine
lisinopril	Zestril
propranolol HCl/hydrochlorothiazide	propranolol-hydrochlorothiazid
ramipril	Altace
felodipine	Plendil
lisinopril/hydrochlorothiazide	Zestoretic
propranolol HCl	Inderal
captopril	Capoten
atenolol	Tenormin
atenolol/chlorthalidone	Tenoretic 50
atenolol/chlorthalidone	Tenoretic 100
metoprolol succinate/hydrochlorothiazide	Dutoprol
clonidine HCl/chlorthalidone	Clorpres
pindolol	pindolol
timolol maleate	timolol maleate
spironolactone/hydrochlorothiazide	spironolacton-hydrochlorothiaz
methyclothiazide	methyclothiazide
chlorthalidone	chlorthalidone
metoprolol tartrate/hydrochlorothiazide	metoprolol ta-hydrochlorothiaz
triamterene/hydrochlorothiazide	Maxzide
triamterene/hydrochlorothiazide	Maxzide-25mg
methyl dopa/hydrochlorothiazide	methyl dopa-hydrochlorothiazide

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

Generic Name	Brand Name
quinapril HCl/hydrochlorothiazide	quinapril-hydrochlorothiazide
amiloride HCl/hydrochlorothiazide	amiloride-hydrochlorothiazide
telmisartan/amlodipine besylate	telmisartan-amlodipine
acebutolol HCl	acebutolol
atenolol/chlorthalidone	atenolol-chlorthalidone
nisoldipine	nisoldipine
candesartan cilexetil/hydrochlorothiazide	candesartan-hydrochlorothiazid
felodipine	felodipine
sotalol HCl	Sotalol AF
valsartan/hydrochlorothiazide	valsartan-hydrochlorothiazide
eprosartan mesylate	eprosartan
diltiazem HCl	Cartia XT
diltiazem HCl	Diltia XT
nebivolol HCl	Bystolic
chlorothiazide sodium	chlorothiazide sodium
nimodipine	nimodipine
amiloride HCl	Midamor
amiloride HCl	amiloride
nifedipine	Afeditab CR
minoxidil	minoxidil
telmisartan	Micardis
telmisartan/hydrochlorothiazide	Micardis HCT
telmisartan/amlodipine besylate	Twynsta
esmolol HCl	esmolol
candesartan cilexetil	candesartan
esmolol HCl in sodium chloride, iso-osmotic	Brevibloc in NaCl (iso-osm)
esmolol HCl	Brevibloc
nicardipine in sodium chloride, iso-osmotic	Cardene IV in sodium chloride
nicardipine in dextrose, iso-osmotic	Cardene IV in dextrose
clevipidine butyrate	Cleviprex
betaxolol HCl	betaxolol
metoprolol succinate	Kapsargo Sprinkle
verapamil HCl	Isoptin SR
olmesartan medoxomil	Benicar
nitroprusside sodium	sodium nitroprusside
diltiazem HCl/dextrose 5 % in water	diltiazem in dextrose 5 %
isradipine	isradipine
propranolol HCl	Inderal LA
furosemide in 0.9 % sodium chloride	furosemide in 0.9 % NaCl
nimodipine	Nymalize
sotalol HCl	Sotylize
nicardipine HCl	Cardene IV
ethacrynate sodium	Sodium Edecrin
nadolol	Corgard
olmesartan medoxomil/hydrochlorothiazide	Benicar HCT
ethacrynate sodium	ethacrynate sodium

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

Generic Name	Brand Name
nicardipine HCl in 0.9 % sodium chloride	nicardipine in 0.9 % NaCl
esmolol HCl in sterile water	esmolol in sterile water
spironolactone	CaroSpir
hydralazine HCl/hydrochlorothiazide	Hydra-Zide
sotalol HCl	Betapace
sotalol HCl	Betapace AF
trandolapril/verapamil HCl	trandolapril-verapamil
bisoprolol fumarate/hydrochlorothiazide	Ziac
bisoprolol fumarate	Zebeta
carvedilol phosphate	carvedilol phosphate
nitroprusside sodium in 0.9 % sodium chloride	Nipride RTU
quinapril HCl/hydrochlorothiazide	Quinaretic
diltiazem HCl	Dilacor XR
hydrochlorothiazide	Microzide
diltiazem HCl	Matzim LA
enalapril maleate	Epaned
lisinopril	Qbrelis
metolazone	Zaroxolyn
terazosin HCl	Hytrin
methyclothiazide	Enduron
labetalol HCl	Trandate
triamterene	Dyrenium
nadolol/bendroflumethiazide	Corzide
nisoldipine	Sular
amlodipine besylate/olmesartan medoxomil	Azor
phenoxybenzamine HCl	Dibenzyline
diltiazem HCl	DILT-CD
diltiazem HCl	DILT-XR
diltiazem HCl	Diltzac ER
azilsartan medoxomil	Edarbi
azilsartan medoxomil/chlorthalidone	Edarbyclor
diltiazem HCl	Tazia XT
labetalol in dextrose 5 % in water	labetalol in dextrose 5 %
diltiazem HCl in 0.9 % sodium chloride	diltiazem HCl in 0.9% NaCl
nicardipine in 5 % dextrose in water	nicardipine in 5 % dextrose
chlorthalidone	Thalitone
perindopril arginine/amlodipine besylate	Prestalia
propranolol HCl	Inderal XL
propranolol HCl	Hemangeol
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide	Tribenzor
chlorothiazide sodium	Diuril IV
esmolol HCl in sodium chloride, iso-osmotic	esmolol in NaCl (iso-osm)
acebutolol HCl	Sectral
lisinopril/dietary supplement,comb.10	Lytensopril
lisinopril/dietary supplement,comb.10	Lytensopril-90

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

Generic Name	Brand Name
metoprolol tartrate/dietary supplement,comb.10	Hypertensolol
metoprolol succinate/hydrochlorothiazide	metoprolol su-hydrochlorothiaz
furosemide/dextrose 5 % in water	furosemide in dextrose 5 %
Buprenorphine	
buprenorphine HCl	buprenorphine HCl
buprenorphine HCl/naloxone HCl	buprenorphine-naloxone
buprenorphine	buprenorphine
buprenorphine	Sublocade
buprenorphine HCl	Buprenex
buprenorphine HCl/naloxone HCl	Suboxone
buprenorphine HCl	Subutex
buprenorphine	Butrans
buprenorphine HCl	buprenorphine HCl (bulk)
buprenorphine HCl	Probuphine
buprenorphine HCl/naloxone HCl	Zubsolv
buprenorphine HCl/naloxone HCl	Bunavail
buprenorphine HCl	Belbuca
Insulin	
insulin lispro	Humalog U-100 Insulin
insulin lispro protamine and insulin lispro	Humalog Mix 75-25(U-100)Insuln
insulin lispro protamine and insulin lispro	Humalog Mix 50-50 Insuln U-100
insulin lispro	Humalog KwikPen Insulin
insulin lispro	Humalog Junior KwikPen U-100
insulin glargine,human recombinant analog	Basaglar KwikPen U-100 Insulin
insulin regular,beef-pork	Iletin I Regular
insulin,pork purified	Iletin II Regular (Pork)
insulin regular, human	Humulin R Regular U-100 Insuln
insulin isophane NPH,bf-pk	Iletin I NPH
insulin isophane,pork pure	Iletin II NPH (Pork)
insulin NPH human isophane	Humulin N NPH U-100 Insulin
insulin zinc,beef-pork	Iletin I Lente
insulin zinc,pork purified	Iletin II Lente (Pork)
insulin zinc human recombinant	Humulin L
insulin regular, human	Humulin R U-500 (Conc) Insulin
insulin zinc extended human recombinant	Humulin U Insulin
insulin NPH human isophane/insulin regular, human	Humulin 70/30 U-100 Insulin
insulin lispro	Humalog Pen
insulin NPH human isophane	Humulin N Pen
insulin NPH human isophane/insulin regular, human	Humulin 70/30 Insulin Pen
insulin lispro protamine and insulin lispro	Humalog Mix 75-25 KwikPen
insulin lispro protamine and insulin lispro	Humalog Mix 50-50 KwikPen
insulin NPH human isophane/insulin regular, human	Humulin 70/30 U-100 KwikPen
insulin NPH human isophane	Humulin N NPH Insulin KwikPen
insulin regular, human	Humulin R U-500 (Conc) Kwikpen
insulin NPH human isophane/insulin regular, human	Humulin 50/50
insulin glargine,human recombinant analog	Toujeo SoloStar U-300 Insulin

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

Generic Name	Brand Name
insulin glargine,human recombinant analog	Toujeo Max U-300 SoloStar
insulin regular, human	Afrezza
insulin lispro	Admelog U-100 Insulin lispro
insulin lispro	Admelog SoloStar U-100 Insulin
insulin regular, human/insulin release unit	Exubera Combination Pack 12
insulin regular, human/insulin release unit	Exubera Combination Pack 15
Insulin Regular, Human/Insulin Release Unit/Chamber/Inhaler	Exubera Kit
insulin regular, human/insulin release unit	Exubera Patient Pack
insulin glargine,human recombinant analog	Lantus Solostar U-100 Insulin
insulin glargine,human recombinant analog	Lantus U-100 Insulin
insulin glulisine	Apidra U-100 Insulin
insulin glulisine	Apidra SoloStar U-100 Insulin
insulin NPH human isophane/insulin regular, human	Novolin 70/30 U-100 Insulin
insulin regular, human	Novolin R Regular U-100 Insulin
insulin NPH human isophane	Novolin N NPH U-100 Insulin
insulin regular,human buffered	Velosulin BR (rdNA)
insulin zinc human recombinant	Novolin L
insulin regular, human	Novolin R InnoLet
insulin NPH human isophane	Novolin N InnoLet
insulin NPH human isophane/insulin regular, human	Novolin 70/30 InnoLet Insulin
insulin,pork purified	Insulin Purified Regular(Pork)
insulin zinc,pork purified	insulin zinc pork purified
insulin isophane,pork pure	insulin isophane pork pure
insulin degludec	Tresiba FlexTouch U-200
insulin degludec	Tresiba FlexTouch U-100
insulin degludec	Tresiba U-100 Insulin
insulin NPH human isophane/insulin regular, human	Novolin 70-30 FlexPen U-100
insulin aspart (niacinamide)	Fiasp U-100 Insulin
insulin aspart (niacinamide)	Fiasp FlexTouch U-100 Insulin
insulin aspart (niacinamide)	Fiasp Penfill U-100 Insulin
insulin aspart	Novolog PenFill U-100 Insulin
insulin regular, human	Novolin R PenFill
insulin NPH human isophane	Novolin N PenFill
insulin NPH human isophane/insulin regular, human	Novolin 70/30 PenFill
insulin aspart protamine human/insulin aspart	Novolog Mix 70-30 U-100 Insulin
insulin detemir	Levemir U-100 Insulin
insulin aspart protamine human/insulin aspart	Novolog Mix 70-30FlexPen U-100
insulin aspart	Novolog Flexpen U-100 Insulin
insulin detemir	Levemir FlexTouch U-100 Insulin
insulin detemir	Levemir Flexpen
insulin aspart	Novolog U-100 Insulin aspart
insulin regular, human in 0.9 % sodium chloride	Myxredlin
insulin regular,human buffered	Velosulin Human Br
insulin zinc beef	Insulin Lente Beef
insulin isophane,beef	insulin isophane beef

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

Generic Name	Brand Name
insulin,pork	insulin regular pork
insulin,pork purified	Insulin Regular Purified Pork
insulin lispro	insulin lispro
Methadone	
methadone HCl	methadone
methadone HCl	Dolophine
methadone HCl	Methadone Intensol
methadone HCl	Diskets
methadone HCl	methadone (bulk)
methadone HCl	Methadose
methadone hydrochloride in 0.9 % sodium chloride	methadone in 0.9 % sod.chlorid
Naloxone	
pentazocine HCl/naloxone HCl	Talwin NX
naloxone HCl	naloxone
naloxone HCl	naloxone (bulk)
pentazocine HCl/naloxone HCl	pentazocine-naloxone
naloxone HCl	Narcan
naloxone HCl	Evzio
Naltrexone	
methylnaltrexone bromide	Relistor
naltrexone HCl	Revia
naltrexone HCl	naltrexone
naltrexone HCl	naltrexone HCl (bulk)
naltrexone HCl	Depade
naltrexone	naltrexone (bulk)
morphine sulfate/naltrexone HCl	Embeda
naltrexone HCl/bupropion HCl	Contrave
naltrexone hydrochloride dihydrate	naltrexone HCl dihydrate(bulk)
naltrexone microspheres	Vivitrol
Opioids	
propoxyphene napsylate/acetaminophen	Darvocet-N 50
propoxyphene napsylate	Darvon-N
propoxyphene napsylate/acetaminophen	Darvocet-N 100
propoxyphene HCl	Darvon
morphine sulfate	morphine
propoxyphene HCl/aspirin/caffeine	Darvon Compound-65
levorphanol tartrate	Levo-Dromoran
propoxyphene HCl/acetaminophen	Wygesic
meperidine HCl/promethazine HCl	Mepergan
meperidine HCl/PF	meperidine (PF)
meperidine HCl	meperidine
meperidine HCl/promethazine HCl	Mepergan Fortis
hydromorphone HCl	hydromorphone
promethazine HCl/codeine	Phenergan-Codeine
promethazine/phenylephrine HCl/codeine	Phenergan VC-Codeine
codeine phosphate	codeine phosphate

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

Generic Name	Brand Name
aspirin/caffeine/dihydrocodeine bitartrate	Synalgos-DC
butorphanol tartrate	Stadol
guaifenesin/phenylpropanolamine HCl/codeine	Naldecon-Cx Adult
hydrocodone bitartrate/acetaminophen	Norco
codeine phosphate/butalbital/aspirin/caffeine	Fiorinal-Codeine #3
morphine sulfate	Kadian
meperidine HCl	Demerol
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Histussin HC
pseudoephedrine HCl/hydrocodone bitartrate	Histussin D
phenylephrine HCl/codeine/chlorpheniramine/potassium iodide	Pediacof
phenylpropanolamine HCl/codeine/brompheniramine	Poly-Histine CS
pentazocine lactate	Talwin
pentazocine HCl/aspirin	Talwin Compound
pentazocine HCl/acetaminophen	Talacen
acetaminophen with codeine phosphate	Phenaphen/Codeine #3
acetaminophen with codeine phosphate	Phenaphen/Codeine #4
codeine phosphate/guaifenesin	Robitussin A-C
pseudoephedrine HCl/codeine phosphate/guaifenesin	Robitussin DAC
morphine sulfate	MS Contin
morphine sulfate	MSir
morphine sulfate	MSir Concentrate
acetaminophen/caffeine/dihydrocodeine bitartrate	DHC Plus
pseudoephedrine HCl/codeine/chlorpheniramine	Ryna-C
pseudoephedrine HCl/codeine phosphate/guaifenesin	Ryna-CX
carisoprodol/aspirin/codeine phosphate	Soma Compound with Codeine
codeine phosphate/guaifenesin	TUSSI-ORGANIDIN-S NR
codeine phosphate/guaifenesin	TUSSI-ORGANIDIN NR
fentanyl citrate	Onsolis
guaifenesin/phenylpropanolamine HCl/hydrocodone/pyril/phenir	Triaminic DH Expectorant
codeine sulfate	codeine sulfate
hydrocodone/ibuprofen	Vicoprofen
hydrocodone bitartrate/acetaminophen	Vicodin HP
hydrocodone bitartrate/acetaminophen	Vicodin
hydrocodone bitartrate/acetaminophen	Vicodin ES
guaifenesin/hydrocodone bitartrate	Vicodin Tuss
hydromorphone HCl/PF	Dilaudid (PF)
hydromorphone HCl/PF	Dilaudid-HP (PF)
hydromorphone HCl	Dilaudid
hydromorphone HCl/guaifenesin	Dilaudid Cough
hydromorphone HCl	Dilaudid-5
acetaminophen with codeine phosphate	Tylenol-Codeine Elixir
acetaminophen with codeine phosphate	Tylenol-Codeine #3
acetaminophen with codeine phosphate	Tylenol-Codeine #4

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

Generic Name	Brand Name
oxycodone HCl/acetaminophen	Tylox
tramadol HCl/acetaminophen	Ultracet
tramadol HCl	Ultram
hydrocodone bitartrate/acetaminophen	hydrocodone-acetaminophen
oxymorphone HCl	oxymorphone
morphine sulfate	morphine concentrate
oxycodone HCl	oxycodone
levorphanol tartrate	levorphanol tartrate
oxycodone HCl/acetaminophen	oxycodone-acetaminophen
acetaminophen with codeine phosphate	acetaminophen-codeine
butorphanol tartrate	butorphanol tartrate
levomethadyl acetate HCl	Orlaam
oxycodone HCl	Roxicodone
oxycodone HCl	Roxicodone Intensol
oxycodone HCl/acetaminophen	Roxicet
morphine sulfate	Roxanol Concentrate
morphine sulfate	Roxanol-T Concentrate
morphine sulfate	Oramorph SR
tramadol HCl	Ultram ER
pseudoephedrine HCl/codeine/chlorpheniramine	Novahistine DH
pseudoephedrine HCl/codeine phosphate/guaifenesin	Novahistine Expectorant
morphine sulfate/PF	morphine (PF)
meperidine HCl/PF	Demerol (PF)
fentanyl citrate/droperidol	fentanyl-droperidol
fentanyl citrate/PF	fentanyl citrate (PF)
hydromorphone HCl/PF	hydromorphone (PF)
nalbuphine HCl	nalbuphine
alfentanil HCl	alfentanil
fentanyl citrate	Fentanyl Oralet
fentanyl citrate	Actiq
sufentanil citrate	sufentanil citrate
remifentanil HCl	Ultiva
morphine sulfate/dextrose 5%-water/PF	morphine (PF) in dextrose 5 %
morphine sulfate/dextrose 5 % in water	morphine in dextrose 5 %
butalbital/acetaminophen/caffeine/codeine phosphate	Fioricet with Codeine
acetaminophen with codeine phosphate	Capital with Codeine
hydrocodone bitartrate/acetaminophen	Hydrocet
butorphanol tartrate	Stadol NS
tramadol HCl	tramadol
propoxyphene napsylate/acetaminophen	propoxyphene N-acetaminophen
propoxyphene HCl/aspirin/caffeine	Propoxyphene Compound-65
propoxyphene HCl	propoxyphene
hydrocodone/ibuprofen	hydrocodone-ibuprofen
fentanyl citrate	fentanyl citrate
fentanyl	fentanyl
hydrocodone polistirex/chlorpheniramine polistirex	TussiCaps

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

Generic Name	Brand Name
guaifenesin/hydrocodone bitartrate	Pneumotussin HC
guaifenesin/hydrocodone bitartrate	Pneumotussin
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	Anaplex HD
hydrocodone bitartrate/acetaminophen	Zolvit
hydrocodone bitartrate/acetaminophen	Lortab Elixir
promethazine HCl/codeine	promethazine-codeine
guaifenesin/hydrocodone bitartrate	Hydrocodone-GG Expectorant
guaifenesin/hydrocodone bitartrate	hydrocodone-guaifenesin
codeine phosphate/guaifenesin	codeine-guaifenesin
guaifenesin/phenylephrine HCl/hydrocodone	Qual-Tussin DC
hydrocodone bitartrate/homatropine methylbromide	hydrocodone-homatropine
hydrocodone bitartrate/acetaminophen	Co-Gesic
phenylephrine HCl/codeine/pyrilamine	Codimal PH
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Codimal DH
guaifenesin/hydrocodone bitartrate	CodiCLEAR DH
butalbital/acetaminophen/caffeine/codeine phosphate	butalbital-acetaminop-caf-cod
codeine phosphate/guaifenesin	lofen-C NF
guaifenesin/hydrocodone bitartrate	Vortex
phenylpropanolamine HCl/codeine/brompheniramine	Multi-Hist CS
aspirin/codeine phosphate	Aspirin-Codeine #3
aspirin/codeine phosphate	aspirin-codeine
aspirin/codeine phosphate	Aspirin-Codeine #4
tramadol HCl/acetaminophen	tramadol-acetaminophen
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Hycofenix
guaifenesin/hydrocodone bitartrate	Flowtuss
codeine phosphate/guaifenesin	Guiatuss AC
codeine phosphate/butalbital/aspirin/caffeine	codeine-butalbital-ASA-caff
phenylpropanolamine HCl/hydrocodone bitartrate	phenylpropanolamin-hydrocodone
pseudoephedrine HCl/codeine phosphate/guaifenesin	Guiatuss DAC
pseudoephedrine HCl/codeine/chlorpheniramine	Dihistine DH
pseudoephedrine HCl/codeine phosphate/guaifenesin	Dihistine Expectorant-Codeine
codeine phosphate/bromodiphenhydramine HCl	bromodiphenhydramine-codeine
pseudoephedrine HCl/codeine phosphate/triprolidine	Actagen C
promethazine/phenylephrine HCl/codeine	Promethazine VC-Codeine
carisoprodol/aspirin/codeine phosphate	carisoprodol-ASA-codeine
morphine sulfate/PF	Astramorph-PF
butalbital/acetaminophen/caffeine/codeine phosphate	Phrenilin w/Caffeine-Codeine
opium tincture	opium tincture
potassium guaiacolsulfonate/pseudoephedrine HCl/hydrocodone	Cophene-S
pseudoephedrine HCl/codeine phosphate/guaifenesin	Cophene Xp
guaifenesin/hydrocodone bitartrate	Kwelcof
hydrocodone bitartrate/acetaminophen	Hy-Phen
ibuprofen/oxycodone HCl	ibuprofen-oxycodone
morphine sulfate	RMS

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

Generic Name	Brand Name
pseudoephedrine HCl/hydrocodone bitartrate	pseudoephedrine-hydrocodone
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	pyrilam-phenyleph-hydrocodone
hydrocodone bitartrate/acetaminophen	Lortab
guaifenesin/phenylephrine HCl/hydrocodone	Donatussin DC
mepiridine HCl/promethazine HCl	Meprozone
codeine phosphate/guaifenesin	Cheratussin AC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Cheratussin DAC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Codafed Expectorant
pseudoephedrine HCl/codeine phosphate/guaifenesin	Codafed Pediatric Expectorant
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Codituss DH
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Drituss HD
codeine phosphate/guaifenesin	Guaifen-C
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	H-C Tussive
pseudoephedrine HCl/hydrocodone bitartrate	H C Tussive-D
codeine phosphate/guaifenesin	Iophen C-NR
pseudoephedrine HCl/codeine/chlorpheniramine	Phenylhistine DH
pseudoephedrine HCl/codeine phosphate/guaifenesin	Phenylhistine Expectorant
phenylpropanolamine HCl/codeine/brompheniramine	Poly-CS
phenylephrine/phenylpropanolamine/hydrocodon/pyrilam/p henirm	Q-Tuss HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Q-V Tussin
guaifenesin/phenylpropanolamine HCl/codeine	Quindal Expectorant
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Quindal-HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Quindal-HD Plus
guaifenesin/hydrocodone bitartrate	Vi-Q-Tuss
codeine phosphate/guaifenesin	Myci-GC
potassium guaiaacolsulfonate/hydrocodone bitartrate	Hydone
fentanyl citrate in 0.9 % sodium chloride/PF	fentanyl citrate (PF)-0.9%NaCl
fentanyl citrate/bupivacaine HCl in 0.9 % sodium chloride/PF	fentanyl (PF)-bupivacaine-NaCl
fentanyl citrate/ropivacaine HCl/sodium chloride 0.9%/PF	fentanyl-ropivacaine-NaCl (PF)
hydromorphone HCl/bupivacaine HCl in 0.9% sodium chloride/PF	hydromorphone-bupiv (PF)-NaCl
hydromorphone HCl in 0.9 % sodium chloride	hydromorphone in 0.9 % NaCl
mepiridine HCl in 0.9 % sodium chloride	mepiridine in 0.9 % NaCl
morphine sulfate in 0.9 % sodium chloride	morphine in 0.9 % sodium chlor
guaifenesin/phenylephrine/phenylprop/hydrocodone/phenir amine	S-T Forte
phenylephrine HCl/codeine phosphat/pheniramine/sodium citrate	Tussirex

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

Generic Name	Brand Name
phenylephrine HCl/codeine phosphat/pheniramine/sodium citrat	Tussirex Sugar Free
hydrocodone bitartrate/chlorpheniramine maleate	S-T Forte 2
codeine phosphate/guaifenesin	Romilar AC
propoxyphene HCl/acetaminophen	propoxyphene-acetaminophen
oxycodone HCl/aspirin	oxycodone-aspirin
tramadol HCl	tramadol hydrochloride (bulk)
phenylpropanolamine HCl/codeine/brompheniramine	Myphetane DC
propoxyphene napsylate	propoxyphene napsylate
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Endal-HD
hydrocodone bitartrate/acetaminophen	Lorcet HD
hydrocodone bitartrate/acetaminophen	Lorcet Plus
pseudoephedrine HCl/codeine/chlorpheniramine	chlorphen-pseudoephed-codeine
fentanyl citrate	fentanyl citrate (bulk)
levorphanol tartrate	levorphanol tartrate (bulk)
propoxyphene napsylate	propoxyphene napsylate (bulk)
morphine sulfate	morphine (bulk)
codeine phosphate	codeine phosphate (bulk)
hydrocodone bitartrate	hydrocodone bitartrate (bulk)
meperidine HCl	meperidine (bulk)
hydromorphone HCl	hydromorphone (bulk)
hydrocodone bitartrate/acetaminophen	Anexsia
oxycodone HCl	oxycodone (bulk)
guaifenesin/phenylpropanolamine HCl/codeine	C-Tussin
codeine phosphate/butalbital/aspirin/cafeine	Butalbital Compound W/Codeine
oxycodone HCl/oxycodone terephthalate/aspirin	oxycodone HCl-oxycodone-ASA
hydrocodone bitartrate/acetaminophen	Bancap HC
codeine phosphate/bromodiphenhydramine HCl	Ambenyl
ibuprofen/oxycodone HCl	Combunox
guaifenesin/hydrocodone bitartrate	Hycosin Expectorant
phenylpropanolamine HCl/hydrocodone bitartrate	Codamine
paregoric	paregoric
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Detussin Expectorant
pseudoephedrine HCl/hydrocodone bitartrate	Detussin
hydrocodone bitartrate/homatropine methylbromide	Hydromet
pseudoephedrine HCl/codeine phosphate/guaifenesin	Nucotuss Expectorant
promethazine/phenylephrine HCl/codeine	promethazine-phenyleph-codeine
pseudoephedrine HCl/codeine phosphate/triprolidine	Triacin C
codeine phosphate/bromodiphenhydramine HCl	Bromanyl
phenylpropanolamine HCl/codeine/brompheniramine	Bromanate DC
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Deconamine CX
codeine phosphate/guaifenesin	Brontex
hydrocodone bitartrate/acetaminophen	Hydrogesic
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	ED-TLC

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

Generic Name	Brand Name
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Ed-Tuss HC
hydrocodone bitartrate/acetaminophen	Zamicet
acetaminophen/caffeine/dihydrocodeine bitartrate	Panlor DC
acetaminophen/caffeine/dihydrocodeine bitartrate	Panlor SS
guaifenesin/hydrocodone bitartrate	Pancof XP
pseudoephedrine HCl/hydrocodone bitartrate	Pancof HC
dihydrocodeine bitartrate/chlorpheniramine	Pancof
mal/pseudoephedrine	
guaifenesin/pseudoephedrine HCl/dihydrocodeine	Pancof EXP
phenylephrine HCl/dihydrocodeine	Pancof PD
bitartrate/chlorpheniramine	
hydrocodone bitartrate/acetaminophen	Ceta Plus
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tuss-DS
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tuss-PD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tuss-HC
guaifenesin/hydrocodone bitartrate	G-Tuss
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hist-HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hist-Plus
codeine phosphate/guaifenesin	Gua C
pseudoephedrine HCl/codeine phosphate/guaifenesin	Gua PC
hydrocodone bitartrate/chlorpheniramine	Hycofed
maleate/pseudoephedrine	
pseudoephedrine HCl/hydrocodone bitartrate	Tuss-S
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Tuss-AX
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tuss-ES
hydrocodone bitartrate/chlorpheniramine	hydrocodone-cpm-pseudoephed
maleate/pseudoephedrine	
opium/belladonna alkaloids	belladonna alkaloids-opium
pentazocine HCl/acetaminophen	pentazocine-acetaminophen
codeine phosphate/butalbital/aspirin/caffeine	Butalbital Compound-Codeine
codeine phosphate/guaifenesin	Halotussin AC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Halotussin DAC
phenylephrine HCl/hydrocodone	H-C Tussive-NR
bitartrate/dexbrompheniramine	
potassium guaiacolsulfonate/hydrocodone bitartrate	Pro-Cof
potassium guaiacolsulfonate/pseudoephedrine	Pro-Cof D
HCl/hydrocodone	
guaifenesin/phenylephrine HCl/hydrocodone	Quintex HC

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

Generic Name	Brand Name
pseudoephedrine HCl/codeine phosphate/triprolidine	Triprolidine-C
codeine phosphate/guaifenesin	Tussiden C
guaifenesin/hydrocodone bitartrate	Tussiclear DH
morphine sulfate/PF	Duramorph (PF)
morphine sulfate/PF	Infumorph 200 P/F
morphine sulfate/PF	Infumorph 500 P/F
morphine sulfate/PF	Infumorph P/F
guaifenesin/hydrocodone bitartrate	Tusso-HC
guaifenesin/phenylephrine HCl/hydrocodone	Tussafed-HCG
guaifenesin/phenylephrine HCl/hydrocodone	Tussafed HC
codeine phosphate/guaifenesin	Tusso-C
guaifenesin/hydrocodone bitartrate	Tusso-DF
guaifenesin/phenylephrine HCl/hydrocodone	QUALA-HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Uni-Tuss HC
phenylpropanolamine HCl/codeine/brompheniramine	Uni-Multihist CS
hydrocodone bitartrate/carbinoxamine mal/pseudoephedrine HCl	hydrocodone-carbinox-pseudoep
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	chlorphen-phenyleph-hydrocodon
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	hydrocodone-pseudoephed-guaif
potassium guaiacolsulfonate/hydrocodone bitartrate	hydrocodone-potassium guaiaco
guaifenesin/phenylephrine HCl/hydrocodone	phenylephrine-hydrocodone-GG
guaifenesin/pseudoephedrine HCl/dihydrocodeine	UNI-COF EXP
dihydrocodeine bitart/chlorpheniramine	UNI-COF
mal/pseudoephedrine	
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Uni-Tricof HC
guaifenesin/phenylephrine HCl/hydrocodone	Uni-Lev
potassium guaiacolsulfonate/hydrocodone bitartrate	Marcof Expectorant
potassium guaiacolsulfonate/hydrocodone bitartrate	Marcof
codeine phosphate/guaifenesin	Mar-Cof CG
brompheniramine maleate/pseudoephedrine HCl/codeine	Mar-Cof BP
phosphat	
hydrocodone bitartrate/acetaminophen	Margesic-H
hydrocodone bitartrate/homatropine methylbromide	Tussigon
hydrocodone bitartrate/acetaminophen	Hycet
codeine phosphate/butalbital/aspirin/caffeine	Fiortal/Codeine
phenylpropanolamine HCl/codeine/brompheniramine	Brompheniramine DC
guaifenesin/phenylpropanolamine HCl/codeine	Endal Expectorant
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Endal-HD Plus
hydrocodone bitartrate/acetaminophen	Lorcet 10/650
hydrocodone bitartrate/homatropine methylbromide	Hydropane
pseudoephedrine HCl/codeine phosphate/guaifenesin	Robafen DAC

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

Generic Name	Brand Name
codeine phosphate/bromodiphenhydramine HCl	Ambophen
phenylpropanolamine HCl/codeine/brompheniramine	Diamine DC C.S.
pseudoephedrine HCl/codeine/chlorpheniramine	Novagest DH
guaifenesin/phenylpropanolamine HCl/codeine	Novagest
pseudoephedrine HCl/codeine phosphate/guaifenesin	Novagest Expectorant/Codeine
phenylpropanolamine HCl/hydrocodone bitartrate	Hypamine
hydrocodone bitartrate/homatropine methylbromide	Hydromide
phenylephrine/phenylpropanolamine/hydrocodon/pyrilam/p henirm	Rolatuss/Hydrocodone
pseudoephedrine HCl/codeine phosphate/triprolidine	pseudoeph-triprolidine-cod
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Efasin HD
codeine phosphate/guaifenesin	Robafen AC
codeine phosphate/guaifenesin	lophen
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Efasin HD Plus
guaifenesin/hydrocodone bitartrate	Codotuss
codeine/aspirin/salicylamide/acetaminophen/caffeine	Rid-A-Pain
codeine/aspirin/salicylamide/acetaminophen/caffeine	Rid-A-Pain W/Codeine
codeine phosphate/pyrilamine maleate	Tricodene with Codeine
propoxyphene napsylate/acetaminophen	Balacet 325
propoxyphene napsylate/acetaminophen	Trycet
benzhydrocodone HCl/acetaminophen	Apadaz
benzhydrocodone HCl/acetaminophen	benzhydrocodone-acetaminophen
guaifenesin/hydrocodone bitartrate	HC-Guai
phenylephrine HCl/hydrocodone bitartrate/dexbrompheniramine	dexbromphenirmn-PE-hydrocodone
fentanyl citrate/PF	Sublimaze (PF)
sufentanil citrate	Sufenta
alfentanil HCl	Alfenta
phenylephrine HCl/codeine/chlorpheniramine	Codeine Antitussive Cough
hydrocodone/ibuprofen	Reprexain
guaifenesin/pseudoephedrine HCl/dihydrocodeine	Despec-EXP
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Despec-PD
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Despec-PDC
guaifenesin/phenylephrine HCl/hydrocodone	MonteFlu HC
guaifenesin/hydrocodone bitartrate	Monte-G HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Nasatuss
hydrocodone bitartrate/acetaminophen	Dolorex Forte
hydrocodone bitartrate/aspirin	Damason-P
hydrocodone bitartrate/acetaminophen	Duocet
potassium guaiacolsulfonate/hydrocodone bitartrate	M-CLEAR

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

Generic Name	Brand Name
codeine phosphate/guaifenesin	M-Clear WC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	M-End (with chlorpheniramine)
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	M-End
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat	M-End WC
dexbrompheniramine maleate/pseudoephedrine HCl/codeine phos	M-End Max D
potassium guaiacolsulfonate/hydrocodone bitartrate	M-CLEAR JR
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	M-END MAX
brompheniramine maleate/phenylephrine HCl/codeine phosphate	M-END PE
acetaminophen/caffeine/dihydrocodeine bitartrate	Trezix
brompheniramine maleate/phenylephrine HCl/codeine phosphate	TL-Hist CD
chlorpheniramine maleate/codeine phosphate	TL-Hist CM
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat	Mesehist WC
fentanyl citrate	Lazanda
guaifenesin/hydrocodone bitartrate	Extendryl HC
guaifenesin/phenylephrine HCl/hydrocodone	Levall 5.0
guaifenesin/phenylephrine HCl/hydrocodone	Gentex HC
hydromorphone HCl in 0.9 % sodium chloride/PF	hydromorphone (PF)-0.9 % NaCl
meperidine HCl in 0.9 % sodium chloride/PF	meperidine (PF) in 0.9 % NaCl
morphine sulfate in 0.9 % sodium chloride/PF	morphine (PF) in 0.9 % NaCl
brompheniramine maleate/phenylephrine HCl/codeine phosphate	Pluratuss
phenylephrine HCl/hydrocodone bitartrate/carbinoxamine	Donatussin MAX
phenylephrine HCl/dihydrocodeine bitartrate/guaifenesin	Donatuss DC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Neo HC
pyrilamine maleate/pseudoephedrine HCl/codeine phosphate	Neo AC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Guaifenesin DAC
codeine phosphate/guaifenesin	Guaifenesin AC
tramadol HCl	Ryzolt
tapentadol HCl	Nucynta
morphine sulfate	Avinza
acetaminophen/caffeine/dihydrocodeine bitartrate	acetaminophen-caff-dihydrocod
oxymorphone HCl	Opana ER
oxycodone HCl	OxyContin
oxycodone HCl/acetaminophen	Percocet
meperidine HCl	Meperitab

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

Generic Name	Brand Name
fentanyl	Duragesic
oxymorphone HCl	Opana
hydrocodone bitartrate/acetaminophen	Xodol 10/300
oxycodone HCl/acetaminophen	Magnacet
fentanyl citrate	Fentora
oxycodone HCl/acetaminophen	Endocet
hydromorphone HCl	Exalgo ER
oxycodone HCl/aspirin	Endodan
hydrocodone polistirex/chlorpheniramine polistirex	hydrocodone-chlorpheniramine
acetaminophen/caffeine/dihydrocodeine bitartrate	Zerlor
fentanyl	Subsys
hydrocodone bitartrate/acetaminophen	Xodol 5/300
hydrocodone bitartrate/acetaminophen	Xodol 7.5/300
oxycodone HCl/acetaminophen	Xolox
chlorpheniramine maleate/codeine phosphate	Lexuss 210
brompheniramine maleate/phenylephrine HCl/dihydrocodeine bit	Centussin DHC
diphenhydramine HCl/phenylephrine HCl/codeine phosphate	Airacof
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat	Rydex
codeine phosphate/guaifenesin	Trymine CG
codeine phosphate/guaifenesin	Ninjacof-XG
meperidine HCl/promethazine HCl	meperidine-promethazine
potassium guaiaacolsulfonate/hydrocodone bitartrate	Entuss
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Endal-HD (diphenhydramine)
diphenhydramine HCl/phenylephrine HCl/codeine phosphate	Endal CD
chlorpheniramine maleate/phenylephrine HCl/codeine phosphate	Endal CD (cpm-p.ephrrn-codeine)
hydrocodone bitartrate/acetaminophen	Liquicet
oxycodone HCl/acetaminophen	Xartemis XR
oxycodone HCl/acetaminophen	Primlev
sufentanil citrate/PF	sufentanil citrate (PF)
morphine sulfate liposomal/PF	DepoDur (PF)
tapentadol HCl	Nucynta ER
oxycodone myristate	Xtampza ER
hydrocodone tannate/chlorpheniramine tannate	Novasus
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Notuss-Forte
chlorpheniramine maleate/codeine phosphate	Notuss AC
pseudoephedrine HCl/codeine phosphate	Notuss DC
phenylephrine HCl/codeine phosphate	Notuss-PE
chlorcyclizine HCl/pseudoephedrine HCl/codeine phosphate	Notuss-NXD

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

Generic Name	Brand Name
chlorcyclizine HCl/codeine phosphate	Notuss-NX
triprolidine HCl/phenylephrine HCl/codeine phosphate	Histex-AC
chlorpheniramine maleate/phenylephrine HCl/codeine phosphate	CapCof
oxycodone HCl	ETH-Oxydose
hydrocodone bitartrate/homatropine methylbromide	Hycodan (with homatropin)
hydrocodone polistirex/chlorpheniramine polistirex	Tussionex Pennkinetic ER
hydrocodone	Zhist
bit/chlorpheniramine/pseudoephedrine/guaifenesin	
codeine phosphate/guaifenesin	RelCof C
butorphanol tartrate	butorphanol tartrate (bulk)
sufentanil citrate	sufentanil citrate (bulk)
fentanyl	fentanyl (bulk)
fentanyl citrate	Abstral
brompheniramine maleate/phenylephrine HCl/codeine phosphate	Brovex PB C
brompheniramine maleate/phenylephrine HCl/codeine phosphate	Brovex PB CX
brompheniramine maleate/codeine phosphate	Brovex CB
brompheniramine maleate/codeine phosphate	Brovex CBX
hydrocodone bitartrate	Zohydro ER
chlorpheniramine maleate/codeine phosphate	Zodryl AC 25
chlorpheniramine maleate/codeine phosphate	Zodryl AC 30
chlorpheniramine maleate/codeine phosphate	Zodryl AC 35
chlorpheniramine maleate/codeine phosphate	Zodryl AC 40
chlorpheniramine maleate/codeine phosphate	Zodryl AC 50
chlorpheniramine maleate/codeine phosphate	Zodryl AC 60
chlorpheniramine maleate/codeine phosphate	Zodryl AC 80
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 25
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 30
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 35
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 40
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 50
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 60
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 80
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 25
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 30
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 35
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 40
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 50
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 60
pseudoephedrine HCl/codeine phosphate/guaifenesin	Zodryl DEC 80
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Notuss

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

Generic Name	Brand Name
phenylephrine HCl/hydrocodone bitartrate/dexchlorpheniramine	Notuss PD
phenylephrine HCl/hydrocodone bitartrate/carbinoxamine	Excof
phenylephrine HCl/hydrocodone bitartrate/carbinoxamine	Excof-SF
nalbuphine HCl	nalbuphine (bulk)
brompheniramine maleate/phenylephrine HCl/dihydrocodeine bit	brompheniram-PE-dihydrocodeine
propoxyphene napsylate/acetaminophen	Propoxacet-N 100
pseudoephedrine HCl/codeine phosphate/guaifenesin	Phenylhistine
nalbuphine HCl	Nubain
guaifenesin/hydrocodone bitartrate	Hydro-Tuss
pseudoephedrine HCl/codeine/chlorpheniramine	Co-Histine DH
pseudoephedrine HCl/codeine phosphate/guaifenesin	Co-Histine Expectorant
codeine phosphate/guaifenesin	Guaiatussin AC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Guiatussin DAC
codeine phosphate/guaifenesin	Virtussin AC
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Duratuss HD
hydrocodone bitartrate/acetaminophen	Lortab 5-325
hydrocodone bitartrate/acetaminophen	Lortab 7.5-325
hydrocodone bitartrate/acetaminophen	Lortab 10-325
hydrocodone bitartrate/acetaminophen	Polygesic
chlorcyclizine HCl/pseudoephedrine HCl/codeine phosphate	Poly-Tussin D
chlorcyclizine HCl/codeine phosphate	Poly-Tussin
acetaminophen with codeine phosphate	Cocet Plus
acetaminophen with codeine phosphate	Cocet
guaifenesin/phenylephrine HCl/hydrocodone	Poly-Tussin XP
phenylephrine HCl/dihydrocodeine bitartrate	Ala-Hist DHC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Lortuss EX
pyrilamine maleate/phenylephrine HCl/dihydrocodeine bitart	Poly Hist DHC
pseudoephedrine HCl/codeine phosphate/triprolidine	Poly Hist NC
phenylephrine HCl/dihydrocodeine bitartrate/guaifenesin	Poly-Tussin EX
hydrocodone/ibuprofen	Ibudone
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Poly-Tussin HD
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Poly-Tussin Syrup
brompheniramine maleate/phenylephrine HCl/codeine phosphate	Poly-Tussin AC
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Poly Hist HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Poly-Tussin Cough
brompheniramine maleate/phenylephrine HCl/dihydrocodeine bit	Poly-Tussin DHC
phenylephrine HCl/codeine phosphate	Ala-Hist AC
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Poly-Tussin XP Expectorant

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

Generic Name	Brand Name
hydrocodone/ibuprofen	Xylon 10
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	MedTuss HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	DuraDal HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	DuraDal HD Plus
guaifenesin/hydrocodone bitartrate	MedCodin
guaifenesin/phenylpropanolamine HCl/codeine	Duradal
codeine phosphate/guaifenesin	DuraGanidin NR
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	NuDal HD
dihydrocodeine bitartrate	dihydrocodeine bitartrat(bulk)
propoxyphene HCl	PP-Cap
propoxyphene HCl/aspirin/caffeine	PC-Cap
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Nalex Expectorant
phenylephrine HCl/hydrocodone bitartrate	Nalex-DH
potassium guaiacolsulfonate/hydrocodone bitartrate	Prolex DH
brompheniramine maleate/codeine phosphate	Nalex AC
phenylephrine HCl/hydrocodone bitartrate	Nalex DH
Phenylephrine/Hydrocodone/Dexchlorpheniramine Tannates	Tussinal 12
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	B-Tuss
hydrocodone bitartrate/acetaminophen	Lorcet (hydrocodone)
codeine phosphate/butalbital/aspirin/caffeine	Ascomp with Codeine
potassium guaiacolsulfonate/hydrocodone bitartrate	Guidex DH
phenylephrine HCl/hydrocodone bitartrate	Rhinacon DH
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	Bromphenex HD
guaifenesin/hydrocodone bitartrate	Dynatuss DF
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Coldcough HC
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	ColdCough XP
guaifenesin/phenylephrine HCl/hydrocodone	Dynatuss HC
guaifenesin/phenylephrine HCl/hydrocodone	Dynatuss HCG
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Detuss
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Coughtuss
dihydrocodeine bitart/chlorpheniramine mal/pseudoephedrine	Coldcough
guaifenesin/pseudoephedrine HCl/dihydrocodeine	Coldcough EXP
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Coldcough PD

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

Generic Name	Brand Name
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Rindal HD
hydrocodone bitartrate/carbinoxamine mal/pseudoephedrine HCl	Mintex HC
guaifenesin/phenylephrine HCl/hydrocodone	Crantex HC
potassium guaiacolsulfonate/hydrocodone bitartrate	Hydro Pro
potassium guaiacolsulfonate/pseudoephedrine HCl/hydrocodone	Hydro Pro D
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Liquicough HC
potassium guaiacolsulfonate/hydrocodone bitartrate	Mintuss NX
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Mintuss MR
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Mintuss MS
potassium guaiacolsulfonate/hydrocodone bitartrate	Mintuss EX
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Mintuss HD
guaifenesin/phenylephrine HCl/hydrocodone	Mintuss G
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Mintuss HC
hydrocodone bitartrate/chlorpheniramine maleate/pseudoephedrine	Coldtuss
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Rindal HPD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Rindal HD Plus
pseudoephedrine HCl/hydrocodone bitartrate	Coldcough HCM
hydrocodone bitartrate/brompheniramine mal/pseudoephedrine HCl	Bromcomp HC
guaifenesin/phenylephrine HCl/hydrocodone	Guiaplex HC
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Tusscough HC
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Pseudatex HC
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Tussplex
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Duohist DH
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Tusscough DHC
chlorpheniramine maleate/codeine phosphate	chlorpheniramine-codeine
pseudoephedrine HCl/codeine phosphate	pseudoephedrine-codeine
dexchlorpheniramine maleate/phenylephrine HCl/codeine	Dexphen w-c
hydrocodone bitartrate/acetaminophen	Hycomed
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Med-Hist HC
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Med-Hist Expectorant

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

Generic Name	Brand Name
morphine sulfate in sodium chloride, iso-osmotic/PF	morphine(PF)in iso sod chlorid
hydrocodone bitartrate/acetaminophen	Maxidone
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Endagen-HD
phenylephrine/phenylpropanol/dihydrocodeine/chlorpheniramine	Vanex Grape
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Vanex-HD
pseudoephedrine HCl/codeine/chlorpheniramine	Novadyne DH
hydrocodone bitartrate/aspirin	Lortab ASA
hydrocodone bitartrate/homatropine methylbromide	Hydrocodone Compound
phenylephrine HCl/codeine/chlorpheniramine/potassium iodide	Pedituss
hydrocodone bitartrate/acetaminophen	Zydone
carisoprodol/aspirin/codeine phosphate	Carisoprodol Compound-Codeine
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Histinex HC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Novadyne Expectorant
guaifenesin/hydrocodone bitartrate	Entuss (guaifenes/hydrocodone)
codeine phosphate/guaifenesin	Cheracol Cough
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Comtussin HC
pseudoephedrine HCl/codeine/chlorpheniramine	Decohistine DH
pseudoephedrine HCl/codeine phosphate/guaifenesin	Mytussin DAC
phenylpropanolamine HCl/hydrocodone bitartrate	Hydrocodone PA
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydrocodone CP
potassium guaiacolsulfonate/hydrocodone bitartrate	Protuss
potassium guaiacolsulfonate/hydrocodone bitartrate	Atuss EX
tramadol HCl	ConZip
pseudoephedrine HCl/codeine phosphate/guaifenesin	Tusnel C
pseudoephedrine HCl/codeine phosphate/guaifenesin	Tusnel Ped-C
guaifenesin/hydrocodone bitartrate/brompheniramine	Tusnel-HC
phenylpropanolamine HCl/codeine/brompheniramine	Bromphen DC-Codeine
pseudoephedrine HCl/codeine phosphate/guaifenesin	Phenhist Expectorant
hydromorphone HCl	Palladone
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Phen/Chlor HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Hyphed
propoxyphene napsylate/acetaminophen	Darvocet A500
dihydrocodeine bitart/chlorpheniramine mal/pseudoephedrine	Hydro-Tussin DHC
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	Bromplex HD

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

Generic Name	Brand Name
guaifenesin/hydrocodone bitartrate	EndaCof
oxycodone HCl	OxylR
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Atuss HD
pseudoephedrine HCl/codeine phosphate/guaifenesin	pseudoephedrine-codeine-GG
pseudoephedrine HCl/codeine/chlorpheniramine	Dihist DH
guaifenesin/hydrocodone bitartrate	Fentuss Expectorant
pseudoephedrine HCl/codeine phosphate/guaifenesin	Dihistine
codeine phosphate/guaifenesin	Bitex
phenylephrine HCl/codeine/chlorpheniramine/potassium iodide	Demi-Cof
guaifenesin/hydrocodone bitartrate	Cleartuss DH
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Spantuss HD
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Dicomal DH
phenylephrine HCl/codeine/pyrilamine	Dicomal-Ph
pseudoephedrine HCl/codeine phosphate/guaifenesin	Deproist-Codeine
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Hydro-Tussin HD
pseudoephedrine HCl/hydrocodone bitartrate ammonium	P-V Tussin
chlor/phenylephrine/hcod/pyril/chlorphenir/pheninda	Hexatussin
pseudoephedrine HCl/codeine phosphate/guaifenesin	Sudatuss-2
pseudoephedrine HCl/codeine phosphate/guaifenesin	Sudatuss-SF
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Genecof-HC
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Genecof-XP
potassium guaiaacolsulfonate/hydrocodone bitartrate	Jaycof
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Jaycof-XP
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Jaycof-HC
guaifenesin/hydrocodone bitartrate	Phanatuss HC
oxycodone HCl	Oxaydo
aspirin/caffeine/dihydrocodeine bitartrate	aspirin-caffeine-dihydrocodein
codeine phosphate/guaifenesin	G Tussin AC
guaifenesin/phenylpropanolamine HCl/codeine	Enditussin
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Ditussin HC
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Hycodone
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Decotuss-HD
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Tuss-PV
guaifenesin/hydrocodone bitartrate	Vicotuss
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Histinex PV
pseudoephedrine HCl/hydrocodone bitartrate	Histinex D

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

Generic Name	Brand Name
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Hydro-Tussin HC
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Hydro-Tussin XP
hydrocodone bitartrate/carbinoxamine mal/pseudoephedrine HCl	Tri-Vent HC
guaifenesin/pseudoephedrine HCl/dihydrocodeine	Hydro-Tussin EXP
guaifenesin/hydrocodone bitartrate	Hydro-Tussin HG
codeine phosphate/guaifenesin	CGU WC
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat	CPB WC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Chlorphen HD
guaifenesin/phenylpropanolamine HCl/codeine	Codemine
potassium guaiacolsulfonate/hydrocodone bitartrate	MC Cough
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	HPR END
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	HPB MAX
potassium guaiacolsulfonate/hydrocodone bitartrate	MC JR Cough Syrup
hydrocodone bitartrate/acetaminophen	Stagesic-10
hydrocodone bitartrate/acetaminophen	Stagesic
chlorcyclizine HCl/pseudoephedrine HCl/codeine phosphate	Statuss Green (codeine)
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	ZTUSS
pseudoephedrine HCl/codeine phosphate/guaifenesin	Z-Tuss E
phenylephrine/pseudoephed/hydrocodone/pyrilamine/chlorphenir	Statuss Green
guaifenesin/phenylpropanolamine HCl/codeine hydrocodone	Statuss Expectorant Ztuss Expectorant
bit/chlorpheniramine/pseudoephedrine/guaifenesin	
guaifenesin/hydrocodone bitartrate	Ztuss ZT
chlorpheniramine maleate/codeine phosphate hydrocodone	Z-Tuss AC Z-Tuss 2
bit/chlorpheniramine/pseudoephedrine/guaifenesin	
guaifenesin/phenylephrine HCl/hydrocodone pseudoephedrine HCl/codeine phosphate/guaifenesin	Giltuss HC Suttar-SF
pseudoephedrine HCl/codeine phosphate/guaifenesin	Suttar-2
phenylephrine HCl/codeine phosphate/guaifenesin	Giltuss Ped-C
codeine phosphate/guaifenesin	Allfen CDX
chlorpheniramine maleate/phenylephrine HCl/codeine phosphate	Maxi-Tuss CD
codeine phosphate/guaifenesin	Allfen CD
pseudoephedrine HCl/codeine phosphate/guaifenesin	Maxifed CD
pseudoephedrine HCl/codeine phosphate/guaifenesin	Maxifed CDX
pseudoephedrine HCl/codeine phosphate/guaifenesin	Maxifed-G CD
pseudoephedrine HCl/codeine phosphate/guaifenesin	Maxifed-G CDX

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

Generic Name	Brand Name
pseudoephedrine HCl/codeine phosphate/guaifenesin	Ambifed-G CD
pseudoephedrine HCl/codeine phosphate/guaifenesin	Ambifed-G CDX
pseudoephedrine HCl/codeine phosphate/guaifenesin	Ambifed CD
pseudoephedrine HCl/codeine phosphate/guaifenesin	Ambifed CDX
phenylephrine HCl/codeine phosphate/guaifenesin	Maxiphen CD
phenylephrine HCl/codeine phosphate/guaifenesin	Maxiphen CDX
chlorpheniramine maleate/codeine phosphate	Cotab A
chlorpheniramine maleate/codeine phosphate	Cotab AX
Chlorpheniramine Maleate/Codeine Phosphate/Acetaminophen	Cotabflu
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Maxi-Tuss HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Maxi-Tuss HCX
guaifenesin/hydrocodone bitartrate	Maxi-Tuss HCG
guaifenesin/phenylpropanolamine HCl/codeine	Endotuss Expectorant
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Endotuss HD
pseudoephedrine HCl/codeine phosphate/guaifenesin	Nucodine EXP
pseudoephedrine HCl/codeine phosphate/guaifenesin	Nucodine PED
pseudoephedrine HCl/codeine phosphate	Nucodine SYR
phenylpropanolamine HCl/codeine/brompheniramine	Polytine CS
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	A-G Tussin
codeine phosphate/guaifenesin	Bron-Tuss
codeine phosphate/guaifenesin	Orgadin-Tuss
guaifenesin/hydrocodone bitartrate	Co-Tussin
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Exo-Tuss
phenylephrine HCl/hydrocodone bitartrate/pyril/chlorphenir	Phena-HC
dexchlorpheniramine maleate/phenylephrine HCl/codeine	Vanacof CD
hydrocodone bitartrate/acetaminophen	Vanacet
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Vanacon
guaifenesin/hydrocodone bitartrate	Touro HC
oxycodone HCl	Oxyfast
hydrocodone bitartrate	Hysingla ER
hydrocodone bitartrate/acetaminophen	Dolacet
pseudoephedrine HCl/hydrocodone bitartrate	Entuss-D
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Entuss-D Jr
potassium guaiacolsulfonate/pseudoephedrine HCl/hydrocodone	Protuss-D
tramadol HCl	Rybix ODT
guaifenesin/phenylephrine HCl/hydrocodone	Atuss G
potassium guaiacolsulfonate/hydrocodone bitartrate	Atuss NX

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

Generic Name	Brand Name
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Atuss HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Atuss MS
hydrocodone bitartrate/aspirin	Alor
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Atuss MR
oxycodone HCl/acetaminophen	Primalev
Pseudoephedrine/Hydrocodone/Chlorpheniramine Tannates	Atuss HS
guaifenesin/hydrocodone bitartrate	Atuss HX
codeine phosphate/guaifenesin	Biotussin AC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Biotussin DAC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Enplus-HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hyphen-HD
guaifenesin/hydrocodone bitartrate	Cotuss-V
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Hycomal DH
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Tussadur-HD
codeine phosphate/guaifenesin	Guai-Co
hydrocodone bitartrate/acetaminophen	Vendone
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Ventuss
codeine phosphate/guaifenesin	Gani-Tuss NR
codeine phosphate/guaifenesin	Dex-Tuss
pseudoephedrine HCl/codeine phosphate/guaifenesin	Cycofed Expectorant
pseudoephedrine HCl/codeine phosphate/guaifenesin	Cycofed Pediatric Expectorant
phenylephrine HCl/hydrocodone bitartrate/dexbrompheniramine	Cytuss HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Cordron-HC
phenylephrine HCl/hydrocodone bitartrate/dexchlorpheniramine	Hydex PD
phenylephrine HCl/hydrocodone bitartrate	Tusdec-HC
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	Canges-HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tusana-D
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Relasin-HC
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	Canges-HC NR
guaifenesin/hydrocodone bitartrate	Canges-XP
guaifenesin/hydrocodone bitartrate	Relasin-HCX
guaifenesin/phenylpropanolamine HCl/codeine	Cyndal Expectorant

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

Generic Name	Brand Name
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydro-PC II Plus
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydro PC II
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydro-PC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Cyndal HD
pseudoephedrine HCl/hydrocodone bitartrate	H-Tuss-D
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	De-Chlor HD
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Hydron PSC
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Hydro-DP
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	De-Chlor HC
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Gestuss-HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Relacon-HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydron CP
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Su-Tuss HD
guaifenesin/hydrocodone bitartrate	Narcof
guaifenesin/hydrocodone bitartrate	Vitussin
potassium guaiacolsulfonate/hydrocodone bitartrate	Hydron KGS
potassium guaiacolsulfonate/hydrocodone bitartrate	Hydron EX
potassium guaiacolsulfonate/hydrocodone bitartrate	De-Chlor NX
potassium guaiacolsulfonate/hydrocodone bitartrate	KGS-HC
potassium guaiacolsulfonate/hydrocodone bitartrate	Hy-KXP
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	Drocon-CS
phenylpropanolamine HCl/codeine/brompheniramine	Trihist-CS
dihydrocodeine bitart/chlorpheniramine mal/pseudoephedrine	Dihydro-CP
guaifenesin/pseudoephedrine HCl/dihydrocodeine	Dihydro-GP
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	DiHydro-PE
phenylephrine/phenylpropanolamine/hydrocodon/pyrilam/p henirm	Vetuss HC
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Codal-DH
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	De-Chlor MR
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	C-Cof HC

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

Generic Name	Brand Name
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	C-Cof XP
guaifenesin/phenylephrine HCl/hydrocodone	Hydro GP
guaifenesin/phenylephrine HCl/hydrocodone	De-Chlor G
guaifenesin/phenylephrine HCl/hydrocodone	Simuc-HD
guaifenesin/hydrocodone bitartrate	Hycotuss Expectorant
codeine phosphate/guaifenesin	Mytussin AC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydrocodone HD
phenylpropanolamine HCl/hydrocodone bitartrate	Hydrocodone PA Pediatric
guaifenesin/hydrocodone bitartrate	Hydrocodone GF
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Hydrophene DH
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	HYDROCOF-HC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Decohistine Expectorant
chlorpheniramine maleate/codeine phosphate	Codar AR
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Tricode AR
pseudoephedrine HCl/codeine phosphate/guaifenesin	Tricode GF
pseudoephedrine HCl/codeine phosphate	Codar D
codeine phosphate/guaifenesin	Codar GF
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	KG-Tuss HD Expectorant
pseudoephedrine HCl/codeine phosphate/guaifenesin	KG-Fed Expectorant
pseudoephedrine HCl/codeine phosphate/guaifenesin	KG-FED Pediatric Expectorant
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	KG-Dal HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	KG-DAL HD Plus
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	KG-Tussin
oxycodone HCl	Oxecta
oxycodone HCl/oxycodone terephthalate/aspirin	Endodan (Old Formula)
oxycodone HCl	Endocodone
opium/belladonna alkaloids	B and O 15-A Supprette
opium/belladonna alkaloids	B and O 16-A Supprette
remifentanil HCl in 0.9 % sodium chloride/PF	remifentanil HCl-0.9%NaCl (PF)
hydromorphone HCl/ropivacaine in 0.9 % sodium chloride/PF	hydromorph(PF)-ropiv-0.9% NaCl
sufentanil citrate/bupivacaine HCl/0.9 % sodium chloride/PF	sufentanil-bupivacain-NaCl(PF)
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Tussend
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Tussend Expectorant
pseudoephedrine HCl/codeine phosphate/guaifenesin	Nucofed Pediatric Expectorant
pseudoephedrine HCl/codeine phosphate/guaifenesin	Nucofed Expectorant
pseudoephedrine HCl/codeine phosphate	Nucofed
sufentanil citrate	Dsuvia

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

Generic Name	Brand Name
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Iodal HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	lotussin HC
guaifenesin/hydrocodone bitartrate	Vicoclear
phenylephrine/phenylpropanolamine/hydrocodon/pyrilam/p henirm	logreen
pseudoephedrine HCl/hydrocodone bitartrate	lotussin D
codeine phosphate/guaifenesin	Diabetic Tussin C
hydrocodone bitartrate/acetaminophen	Procet
hydrocodone bitartrate/carbinoxamine mal/pseudoephedrine HCl	Histex HC
guaifenesin/phenylephrine HCl/hydrocodone codeine phosphate/guaifenesin	Entex HC Guaifenesin NR
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Baltussin HC
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Baltussin
codeine phosphate	Codeine Phosphate Soluble
remifentanil HCl	remifentanil
oxycodone HCl/aspirin	Percodan
oxycodone HCl	Percolone
oxycodone/aspirin	Percodan Demi
phenylpropanolamine HCl/hydrocodone bitartrate	Hycomine (hydrocodone-PPA)
phenylpropanolamine HCl/hydrocodone bitartrate	Hycomine Pediatric
oxymorphone HCl	Numorphan
Chlorcyclizine HCl/Phenylephrine HCl/Codeine Phosphate	Nasotuss
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Triant-HC
guaifenesin/hydrocodone bitartrate	Xpect-HC
phenylephrine tannate/hydrocodone tannate/diphenhydramine	DYTAN-HC
guaifenesin/phenylephrine HCl/hydrocodone	Nariz HC
pseudoephedrine HCl/hydrocodone bitartrate	Rezira
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Zutripro
hydrocodone bitartrate/chlorpheniramine maleate	Vituz
oxycodone HCl	Dazidox
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	PSE BPM HD
phenylephrine HCl/hydrocodone bitartrate	Phenylephrine HD
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	BPM PE HC
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	J-Tan D HC

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

Generic Name	Brand Name
brompheniramine mal/pseudoephedrine HCl/dihydrocodeine bitar	J-COF DHC
dihydrocodeine bitartrate/guaifenesin	J-MAX DHC
guaifenesin/phenylephrine HCl/hydrocodone	Zyrphen-HC
phenylephrine HCl/hydrocodone bitartrate/dexbrompheniramine	RelaTuss HC
guaifenesin/hydrocodone bitartrate	A-COF DH
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Pediatex HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Z-Cof HC
guaifenesin/hydrocodone bitartrate	Z-Cof HCX
fentanyl HCl	Ionsys
morphine sulfate	MorphaBond ER
oxycodone HCl	RoxyBond
hydrocodone bitartrate/carbinoxamine mal/pseudoephedrine HCl	Histuss HC
guaifenesin/phenylephrine HCl/hydrocodone	Guapetex HC
codeine phosphate/guaifenesin	Guaitussin AC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Guaitussin DAC
potassium guaiacolsulfonate/hydrocodone bitartrate	Protex
potassium guaiacolsulfonate/pseudoephedrine HCl/hydrocodone	Protex D
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tridal HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tridal HD Plus
phenylephrine HCl/codeine phosphate/guaifenesin	Tridal
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tritussin
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Cotuss HD
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Tricof PD
guaifenesin/pseudoephedrine HCl/dihydrocodeine	Tricof EXP
dihydrocodeine bitart/chlorpheniramine mal/pseudoephedrine	Tricof
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Cotuss MS
potassium guaiacolsulfonate/hydrocodone bitartrate	Cotuss EX
phenylephrine HCl/codeine phosphate/guaifenesin	Endal
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Tussinate
propoxyphene HCl/aspirin/caffeine	Darvon Compound 32
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Pro-Red

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

Generic Name	Brand Name
codeine phosphate/guaifenesin	Pro-Clear Caps
potassium guaiacolsulfonate/hydrocodone bitartrate	Pro-Clear
codeine phosphate/pyrilamine maleate	Pro-Clear AC
Pyrilamine Maleate/Phenylephrine HCl/Codeine Phosphate	Pro-Red AC (with pyrilamine)
dexchlorpheniramine maleate/phenylephrine HCl/codeine	Pro-Red AC (w/ dexchlorphenir)
fentanyl citrate in dextrose 5% in water/PF	fentanyl citrate in D5W (PF)
hydromorphone HCl in dextrose 5 %-water/PF	hydromorphone in D5W (PF)
morphine sulfate/PF	Mitigo (PF)
oxycodone HCl/acetaminophen	Perloxx
oxycodone HCl/acetaminophen	ALCET
acetaminophen with codeine phosphate	Vopac
hydrocodone bitartrate/pseudoephedrine HCl/guaifenesin	Dynex HD
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	Brovex HC
pseudoephedrine tannate/hydrocodone tannate	SymTan
pseudoephedrine/hydrocodone/brompheniramine tannates	SymTan A
phenylephrine HCl/hydrocodone bitartrate	Lortuss HC
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	FluTuss HC
guaifenesin/hydrocodone bitartrate	FluTuss XP
phenylephrine/hydrocodone/brompheniramine tannates	Vazotuss HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	WellTuss HC
guaifenesin/pseudoephedrine HCl/dihydrocodeine	WellTuss EXP
hydrocodone tannate/chlorpheniramine tannate	HyTan
potassium guaiacolsulfonate/hydrocodone bitartrate	P-Tuss
potassium guaiacolsulfonate/pseudoephedrine HCl/hydrocodone	P-Tuss D
oxycodone HCl/acetaminophen	Lynox
pseudoephedrine HCl/hydrocodone bitartrate/triprolidine	Zymine HC
oxycodone HCl/acetaminophen	Narvox
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Aber-Tuss HC
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	hydrocodone-bromphen-pseudoeph
pseudoephedrine HCl/codeine phosphate/guaifenesin	Guaifenesin/P-Ephedrine/Cod
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	VisveX HC
phenylephrine HCl/hydrocodone bitartrate/dexchlorpheniramine	Zotex-HC
Pyrilamine Maleate/Phenylephrine HCl/Codeine Phosphate	Zotex-C
hydrocodone bitartrate/acetaminophen	Verdrocet
guaifenesin/hydrocodone bitartrate	Condasin
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	EndaCof - HC

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

Generic Name	Brand Name
guaifenesin/hydrocodone bitartrate	EndaCof-XP
phenylephrine HCl/hydrocodone bitartrate/dexchlorpheniramine	EndaCof-Plus
brompheniramine maleate/codeine phosphate	EndaCof AC
brompheniramine maleate/phenylephrine HCl/dihydrocodeine bit	EndaCof-DH
chlorpheniramine maleate/codeine phosphate	EndaCof-C
pseudoephedrine HCl/codeine phosphate	EndaCof-DC
guaifenesin/hydrocodone bitartrate	ExeCof-XP
guaifenesin/phenylephrine HCl/hydrocodone	Exetuss-HC
hydrocodone	DroTuss
bit/chlorpheniramine/pseudoephedrine/guaifenesin	
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	DroTuss-CP
guaifenesin/phenylephrine HCl/hydrocodone	HydroFed
guaifenesin/hydrocodone bitartrate	ExeClear
codeine phosphate/guaifenesin	ExeClear-C
guaifenesin/phenylephrine HCl/hydrocodone	Phendacof HC
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Phendacof Plus
phenylephrine HCl/hydrocodone bitartrate/carbinoxamine	Max HC
phenylephrine tannate/hydrocodone	D-Tann HC
tannate/diphenhydramine	
guaifenesin/phenylephrine HCl/hydrocodone	Nazarin HC
tramadol HCl/dietary supplement,misc. cb.11	Theratramadol-60
tramadol HCl/dietary supplement,misc. cb.11	Theratramadol-90
hydrocodone bitartrate/acetaminophen/dietary supplement #11	Theracodophen-325
hydrocodone bitartrate/acetaminophen/dietary supplement #11	Theracodophen-650
hydrocodone bitartrate/acetaminophen/dietary supplement #11	Theracodophen-Low-90
guaifenesin/hydrocodone bitartrate	Obredon
morphine sulfate	Arymo ER
hydromorphone HCl in sterile water/PF	hydromorphone (PF) in water
codeine polistirex/chlorpheniramine polistirex	Tuzistra XR
pseudoephedrine HCl/codeine phosphate/guaifenesin	Virtussin DAC
codeine phosphate/guaifenesin	Coditussin AC
pseudoephedrine HCl/codeine phosphate/guaifenesin	Coditussin DAC
acetaminophen/caffeine/dihydrocodeine bitartrate	Panlor(acetam-caff-dihydrocod)
acetaminophen/caffeine/dihydrocodeine bitartrate	Dvorah
chlorpheniramine maleate/codeine phosphate	Tuxarin ER
oxycodone HCl/acetaminophen	Nalocet
Psychotropic Medications	
nortriptyline HCl	Aventyl
fluoxetine HCl	Prozac Weekly

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

Generic Name	Brand Name
fluoxetine HCl	Sarafem
olanzapine/fluoxetine HCl	Symbyax
duloxetine HCl	Cymbalta
fluoxetine HCl	Prozac
protriptyline HCl	Vivactil
venlafaxine HCl	Effexor
venlafaxine HCl	Effexor XR
desvenlafaxine succinate	Pristiq
trimipramine maleate	Surmontil
bupropion HBr	Aplenzin
imipramine pamoate	Tofranil-PM
imipramine HCl	Tofranil
paroxetine HCl	Paxil CR
paroxetine HCl	Paxil
fluvoxamine maleate	Luvox
trazodone HCl	trazodone
desipramine HCl	desipramine
doxepin HCl	doxepin
sertraline HCl	Zoloft
doxepin HCl	Sinequan
mirtazapine	Remeron
mirtazapine	Remeron SolTab
sertraline HCl	sertraline
citalopram hydrobromide	citalopram
protriptyline HCl	protriptyline
imipramine pamoate	imipramine pamoate
desvenlafaxine succinate	desvenlafaxine succinate
nefazodone HCl	nefazodone
mirtazapine	mirtazapine
doxepin HCl	Prudoxin
desipramine HCl	Norpramin
nortriptyline HCl	Pamelor
clomipramine HCl	Anafranil
maprotiline HCl	Ludiomil
perphenazine/amitriptyline HCl	Etrafon 2-10
perphenazine/amitriptyline HCl	Etrafon 2-25
perphenazine/amitriptyline HCl	Etrafon Forte 4-25
nefazodone HCl	Serzone
trazodone HCl	Desyrel
fluvoxamine maleate	fluvoxamine
venlafaxine HCl	venlafaxine
bupropion HCl	bupropion HCl
fluoxetine HCl	fluoxetine
nortriptyline HCl	nortriptyline
clomipramine HCl	clomipramine
bupropion HCl	Budeprion XL

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

Generic Name	Brand Name
bupropion HCl	Budeprion SR
olanzapine/fluoxetine HCl	olanzapine-fluoxetine
bupropion HCl	Buproban
escitalopram oxalate	escitalopram oxalate
paroxetine HCl	paroxetine HCl
fluoxetine HCl	Selfemra
duloxetine HCl	duloxetine
amitriptyline HCl/chlordiazepoxide	Limbitrol
amitriptyline HCl/chlordiazepoxide	Limbitrol DS
bupropion HCl	Wellbutrin SR
bupropion HCl	Wellbutrin
bupropion HCl	Zyban
bupropion HCl	Wellbutrin XL
amitriptyline HCl	amitriptyline
amoxapine	amoxapine
perphenazine/amitriptyline HCl	perphenazine-amitriptyline
maprotiline HCl	maprotiline
selegiline HCl	Zelapar
amitriptyline HCl	Elavil
doxepin HCl	Zonalon
amitriptyline HCl/chlordiazepoxide	amitriptyline-chlordiazepoxide
selegiline HCl	selegiline HCl
bupropion HCl	bupropion HCl (smoking deter)
amitriptyline HCl	amitriptyline (bulk)
duloxetine HCl	duloxetine HCl (bulk)
doxepin HCl	doxepin HCl (bulk)
imipramine HCl	imipramine HCl
escitalopram oxalate	Lexapro
citalopram hydrobromide	Celexa
paroxetine mesylate	paroxetine mesylate(menop.sym)
fluoxetine	fluoxetine (bulk)
imipramine HCl	imipramine (bulk)
fluoxetine HCl	Rapiflux
duloxetine HCl	Irenka
nortriptyline HCl	nortriptyline (bulk)
mirtazapine	mirtazapine (bulk)
trimipramine maleate	trimipramine maleate (bulk)
desipramine HCl	desipramine HCl (bulk)
trazodone HCl	trazodone (bulk)
selegiline HCl	selegiline HCl (bulk)
clomipramine HCl	clomipramine (bulk)
selegiline HCl	Eldepryl
selegiline	Emsam
doxepin HCl	Silenor
trazodone HCl	Oleptro ER
trimipramine maleate	trimipramine

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

Generic Name	Brand Name
desvenlafaxine	desvenlafaxine
sertraline HCl	sertraline (bulk)
duloxetine HCl	Drizalma Sprinkle
desvenlafaxine fumarate	desvenlafaxine fumarate
desvenlafaxine	Khedezla
bupropion HCl	Forfivo XL
bupropion HCl	bupropion HCl (bulk)
paroxetine mesylate	Pexeva
paroxetine mesylate	Brisdelle
perphenazine/ amitriptyline HCl	Duo-Vil 2-10
perphenazine/ amitriptyline HCl	Duo-Vil 2-25
amitriptyline HCl	Vanatrip
perphenazine/ amitriptyline HCl	Triavil 2-10
perphenazine/ amitriptyline HCl	Triavil 2-25
perphenazine/ amitriptyline HCl	Triavil 4-25
selegiline HCl	Carbex
trazodone HCl/dietary supplement no.8	Trazamine
bupropion HCl/dietary supplement combination no.15	Appbutamone-D
fluoxetine HCl/dietary supplement no.17	Gaboxetine
bupropion HCl/dietary supplement combination no.16	Appbutamone
fluoxetine HCl/dietary supplement no.8	Sentroxatine
fluvoxamine maleate	Luvox CR
AMITRIPTYLINE HCL	EnovaRx-Amitriptyline
olanzapine	Zyprexa
olanzapine	Zyprexa Zydis
olanzapine pamoate	Zyprexa Relprevv
clonazepam	Klonopin
midazolam HCl	Versed
diazepam	Valium
flumazenil	Romazicon
diazepam	diazepam
alprazolam	alprazolam
suvorexant	Belsomra
meprobamate	Equanil
oxazepam	Serax
lorazepam	Ativan
pentobarbital sodium	pentobarbital sodium
phenobarbital sodium	phenobarbital sodium
zaleplon	Sonata
triazolam	Halcion
alprazolam	Xanax
alprazolam	Xanax XR
chloral hydrate	chloral hydrate (bulk)
paraldehyde	paraldehyde (bulk)
phenobarbital	phenobarbital (bulk)
mephobarbital	Mebaral

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

Generic Name	Brand Name
zolpidem tartrate	AMBIEN PAK
zolpidem tartrate	Ambien
zolpidem tartrate	Ambien CR
butabarbital sodium	Butisol
meprobamate	Miltown
zolpidem tartrate	Edluar
quazepam	Doral
haloperidol decanoate	Haldol Decanoate
haloperidol lactate	Haldol
flurazepam HCl	flurazepam
ziprasidone HCl	Geodon
hydroxyzine HCl	Vistaril IM (HCl salt)
hydroxyzine HCl	Atarax
thiothixene	Navane
asenapine maleate	Saphris
asenapine maleate	Saphris (black cherry)
risperidone	risperidone
zaleplon	zaleplon
zolpidem tartrate	zolpidem
quetiapine fumarate	quetiapine
eszopiclone	eszopiclone
clobazam	clobazam
alprazolam	Alprazolam Intensol
diazepam	Diazepam Intensol
lorazepam	Lorazepam Intensol
midazolam HCl	midazolam
triazolam	triazolam
flumazenil	flumazenil
haloperidol lactate	haloperidol lactate
hydroxyzine pamoate	Vistaril
hydroxyzine HCl	hydroxyzine HCl
lorazepam	lorazepam
phenobarbital sodium	Luminal
dexmedetomidine HCl	Precedex
clorazepate dipotassium	Tranxene-SD
pentobarbital sodium	Nembutal
estazolam	Prosom
pentobarbital sodium	Nembutal Sodium
clorazepate dipotassium	Tranxene T-Tab
ethchlorvynol	Placidyl
temazepam	Restoril
clozapine	Clozaril
iloperidone	Fanapt
halazepam	Paxipam
buspirone HCl	BuSpar
alprazolam	Niravam

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

Generic Name	Brand Name
buspirone HCl	buspirone
estazolam	estazolam
clozapine	clozapine
clonazepam	clonazepam
olanzapine	olanzapine
aripiprazole	aripiprazole
prochlorperazine maleate	prochlorperazine maleate
zolpidem tartrate	Zolpimist
hydroxyzine pamoate	hydroxyzine pamoate
mephobarbital	mephobarbital
phenobarbital	phenobarbital
chloral hydrate	chloral hydrate
fluphenazine HCl	fluphenazine HCl
chlordiazepoxide HCl	Librium
chlordiazepoxide/clidinium bromide	Librax (with clidinium)
flurazepam HCl	Dalmane
fluphenazine decanoate	fluphenazine decanoate
dexmedetomidine HCl	dexmedetomidine
oxazepam	oxazepam
melatonin	melatonin
diphenhydramine HCl	diphenhydramine HCl
chlordiazepoxide HCl	chlordiazepoxide HCl
chlordiazepoxide/clidinium bromide	chlordiazepoxide-clidinium
meprobamate	meprobamate
diazepam	Diastat AcuDial
secobarbital sodium	Seconal Sodium
amobarbital sodium	Amytal
temazepam	temazepam
clorazepate dipotassium	clorazepate dipotassium
prochlorperazine maleate	Compazine
perphenazine	perphenazine
chlorpromazine HCl	chlorpromazine
quetiapine fumarate	Seroquel
quetiapine fumarate	Seroquel XR
hydroxyzine HCl	Hyzine
midazolam HCl in 0.9 % sodium chloride	midazolam in 0.9 % sod chlorid
dexmedetomidine HCl in 0.9 % sodium chloride	dexmedetomidine in 0.9 % NaCl
haloperidol	haloperidol
thioridazine HCl	thioridazine
thiothixene	thiothixene
trifluoperazine HCl	trifluoperazine
paliperidone	paliperidone
loxapine succinate	loxapine succinate
ziprasidone HCl	ziprasidone HCl
diazepam	diazepam (bulk)
lorazepam	lorazepam (bulk)

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

Generic Name	Brand Name
dexmedetomidine HCl in 0.9 % sodium chloride	Precedex in 0.9 % sodium chlor
midazolam HCl/PF	midazolam (PF)
hydroxyzine HCl	Vistacot
hydroxyzine HCl	Vistazine
ramelteon	ramelteon
haloperidol decanoate	haloperidol decanoate
melatonin/pyridoxal phosphate	Melatonin-B6 (pyridoxal phos)
diazepam (in soybean oil)	Dizac
clobazam	Sympazan
loxapine	Adasuve
melatonin/chamomile flower	melatonin-chamomile flower
melatonin/lemon balm leaf extract	melatonin-lemon balm leaf extr
melatonin/pyridoxine HCl (vit B6)	melatonin-pyridoxine HCl (B6)
melatonin/pyridoxine	Melatonin (with B6)
melatonin/pyridoxine	melatonin-pyridoxine (vit B6)
melatonin/pyridoxal phosphate	melatonin-pyridoxal phos (B6)
melatonin	Melatin
tryptophan	tryptophan
aripiprazole	Abilify
risperidone	Risperdal
eszopiclone	Lunesta
ramelteon	Rozerem
risperidone	Perseris
bupirone HCl	Vanspar
clozapine	FazaClo
clozapine	Versacloz
paliperidone	Invega
midazolam HCl in 0.9 % sodium chloride/PF	midazolam (PF) in 0.9 % NaCl
melatonin/herbal complex no.184	Sleep Caps
melatonin/herbal complex no.184	melatonin-herbal complex #184
melatonin	melatonin (bulk)
hydroxyzine HCl	ANX
ethyl alcohol/herbal drugs	Lydia Pinkham Herbal
bupirone HCl	bupirone (bulk)
hydroxyzine pamoate	hydroxyzine pamoate (bulk)
hydroxyzine HCl	hydroxyzine HCl (bulk)
butalbital	butalbital (bulk)
alprazolam	alprazolam (bulk)
midazolam	midazolam (bulk)
fluphenazine decanoate	fluphenazine decanoate (bulk)
valerian root extract	valerian root extract
melatonin	VitaJoy
quazepam	quazepam
molindone HCl	molindone
tasimelteon	Hetlioz
dexmedetomidine in 5 % dextrose in water	dexmedetomidine in dextrose 5%

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

Generic Name	Brand Name
hydroxyzine HCl	Rezine
melatonin/gamma-aminobutyric acid/herbal complex no.183	Sinralyne-PM
melatonin/herbal complex no.233	MidNite
bromelains/melatonin/herbal complex no.233	MidNite PM
melatonin/genistein/herbal complex no.233	Midnite for Menopause
flumazenil	flumazenil (bulk)
chlordiazepoxide HCl	Poxi
melatonin/pyridoxine HCl (vit B6)	Melatonex
pimozide	pimozide
calcium phosphate/melatonin	calcium-melatonin
risperidone microspheres	Risperdal Consta
risperidone	Risperdal M-TAB
paliperidone palmitate	Invega Sustenna
paliperidone palmitate	Invega Trinza
midazolam	Nayzilam
melatonin/5-Hydroxytryptophan/tryptophan/B6/magnesium oxide	Somnicin
clorazepate dipotassium	Gen-XENE
meprobamate	MB-Tab
dichloralphenazone	dichloralphenazone (bulk)
pentobarbital sodium	pentobarbital sodium (bulk)
clonazepam	clonazepam (bulk)
chloral hydrate	Somnote
loxapine succinate	Loxitane
pimozide	Orap
zolpidem tartrate	Intermezzo
diazepam	Diastat Pediatric
diazepam	Diastat Universal
diazepam	Diastat
aripiprazole	Abilify Maintena
brexpiprazole	Rexulti
aripiprazole	Abilify Discmelt
chloral hydrate	Aquachloral
midazolam HCl in dextrose 5% in water	midazolam in dextrose 5 %
lorazepam in 0.9 % sodium chloride	lorazepam in 0.9% sod chloride
lorazepam in 5 % dextrose and water	lorazepam in dextrose 5 %
cariprazine HCl	Vraylar
pimavanserin tartrate	Nuplazid
secobarbital sodium	Seconal
amobarbital sodium/secobarbital sodium	Tuinal
lurasidone HCl	Latuda
molindone HCl	Moban
clonazepam	Ceberclon
melatonin	Meladox
melatonin/tryptophan	Restone

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

Generic Name	Brand Name
aripiprazole lauroxil	Aristada
aripiprazole lauroxil, submicronized	Aristada Initio
midazolam HCl in 5 % dextrose and water/PF	midazolam in dextrose 5 % (PF)
phenobarbital sodium in 0.9 % sodium chloride	phenobarbital in 0.9 % sod chl
clobazam	Onfi
temazepam/dietary supplement no.8	Strazepam
alprazolam/dietary supplement,misc combo no.17	Gabazolamine
chlordiazepoxide HCl/methscopolamine nitrate	Librax (with methscopolamine)
melatonin/5-HTP/valerian/folic acid/dietary combination 28	Hypnosom
midazolam/ketamine HCl/ondansetron HCl	MKO (Midazolam-Ketamine-Ondan)
melatonin/gamma-aminobutyric acid/valerian	Medi-Doze
melatonin/tryptophan/valerian/chamomile/niacin/inositol/B6	Toprophan
melatonin/tryptophan	Wrestone
calcium carb,hydroxide/soy isoflavone/black cohosh/melatonin	Estroven Nighttime (cal-meltn)

Suspected Teratogens

triamcinolone acetonide	Kenalog
triamcinolone acetonide	Kenalog-80
fludrocortisone acetate	Florinef
propylthiouracil	propylthiouracil
lisinopril	Prinivil
dexamethasone	Decadron
dexamethasone	Decadron Dose Pack
lisinopril/hydrochlorothiazide	Prinzide
hydrocortisone	Hydrocortone
dexamethasone sodium phosphate	Decadron Phosphate
norgestrel	Ovrette
progesterone, micronized	Crinone
levonorgestrel	Norplant System
methylprednisolone sodium succinate/PF	Solu-Medrol (PF)
hydrocortisone sodium succinate/PF	Solu-Cortef (PF)
hydrocortisone	Cortef
cortisone acetate	cortisone
methylprednisolone	Medrol
prednisone	Deltasone
methylprednisolone	Medrol (Pak)
methylprednisolone sodium succinate	Solu-Medrol
hydrocortisone cypionate	Cortef (as cypionate)
methylprednisolone acetate	Depo-Medrol
hydrocortisone sod succinate	Solu-Cortef
estradiol/norethindrone acetate	Activella
megestrol acetate	Megace
danazol	Danocrine
perindopril erbumine	Aceon

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

Generic Name	Brand Name
progesterone, micronized	Prometrium
dexamethasone	Dexone
norethindrone acetate	Aygestin
fluconazole in sodium chloride, iso-osmotic	Diflucan in NaCl (iso-osm)
fluconazole	Diflucan
fluconazole in dextrose, iso-osmotic	Diflucan in dextrose (iso-osm)
etonogestrel	Implanon
etonogestrel/ethinyl estradiol	NuvaRing
etonogestrel	Nexplanon
fluconazole	fluconazole
prednisone	prednisone
ramipril	ramipril
perindopril erbumine	perindopril erbumine
dexamethasone	Dexamethasone Intensol
dexamethasone	dexamethasone
megestrol acetate	megestrol
prednisone	Prednisone Intensol
norethindrone	Micronor (28)
norethindrone	Ortho Micronor
estradiol/norgestimate	Ortho-Prefest
norelgestromin/ethinyl estradiol	Ortho Evra
fluconazole in sodium chloride, iso-osmotic	fluconazole in NaCl (iso-osm)
dexamethasone sodium phosphate	dexamethasone sodium phosphate
norethindrone acetate-ethinyl estradiol	Femhrt 1/5
quinapril HCl/hydrochlorothiazide	Accuretic
quinapril HCl	Accupril
norethindrone acetate	norethindrone acetate
enalaprilat dihydrate	enalaprilat
trandolapril	Mavik
trandolapril/verapamil HCl	Tarka
fluconazole in dextrose, iso-osmotic	fluconazole in dextrose(iso-o)
methylprednisolone sodium succinate	A-Methapred
hydrocortisone sod succinate	A-Hydrocort
estradiol/norethindrone acetate	CombiPatch
amlodipine besylate/benazepril HCl	Lotrel
benazepril HCl	Lotensin
benazepril HCl/hydrochlorothiazide	Lotensin HCT
betamethasone	Celestone
betamethasone acetate/betamethasone sodium phosphate	Celestone Soluspan
prednisone	Meticorten
fosinopril sodium	Monopril
fosinopril sodium/hydrochlorothiazide	Monopril HCT
moexipril HCl	Univasc
moexipril HCl/hydrochlorothiazide	Uniretic
moexipril HCl	moexipril
enalapril maleate	enalapril maleate

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

Generic Name	Brand Name
captopril/hydrochlorothiazide	captopril-hydrochlorothiazide
lisinopril/hydrochlorothiazide	lisinopril-hydrochlorothiazide
enalapril maleate/hydrochlorothiazide	enalapril-hydrochlorothiazide
quinapril HCl	quinapril
lisinopril	lisinopril
norethindrone acetate-ethinyl estradiol	Jinteli
benazepril HCl	benazepril
moexipril HCl/hydrochlorothiazide	moexipril-hydrochlorothiazide
progesterone, micronized	progesterone micronized
estradiol/norethindrone acetate	Mimvey Lo
estradiol/norethindrone acetate	Mimvey
prednisolone	prednisolone
fosinopril sodium	fosinopril
trandolapril	trandolapril
amlodipine besylate/benazepril HCl	amlodipine-benazepril
captopril	captopril
dexamethasone	DexPak 10 day
dexamethasone	DexPak 13 Day
dexamethasone	DexPak 6 Day
levonorgestrel	Option-2
hydrocortisone	hydrocortisone
fludrocortisone acetate	fludrocortisone
prednisolone sodium phosphate	prednisolone sodium phosphate
triamcinolone acetonide	Cenocort A-40
dexamethasone acetate	Dexacen LA-8
triamcinolone diacetate	Cenocort Forte Suspension
progesterone	progesterone
methylprednisolone sodium succinate	methylprednisolone sodium succinate
benazepril HCl/hydrochlorothiazide	benazepril-hydrochlorothiazide
prednisolone acetate	prednisolone acetate
methylprednisolone	methylprednisolone
danazol	danazol
methimazole	methimazole
fosinopril sodium/hydrochlorothiazide	fosinopril-hydrochlorothiazide
enalapril maleate/felodipine	Lexxel
enalapril maleate	Vasotec
enalapril maleate/hydrochlorothiazide	Vaseretic
prednisolone acetate	Predicort-50
lisinopril	Zestril
ramipril	Altace
lisinopril/hydrochlorothiazide	Zestoretic
captopril	Capoten
dexamethasone sodium phosphate	Decaject
triamcinolone diacetate	Tristoject
triamcinolone acetonide	Kenaject
prednisone	Sterapred DS

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

Generic Name	Brand Name
prednisone	Sterapred
prednisolone acetate	Key-Pred
triamcinolone diacetate	Triam Forte
dexamethasone sodium phosphate	Solurex
dexamethasone acetate	Solurex LA
triamcinolone acetonide	Triam-A
quinapril HCl/hydrochlorothiazide	quinapril-hydrochlorothiazide
norelgestromin/ethinyl estradiol	Xulane
norethindrone	norethindrone (contraceptive)
estradiol/norethindrone acetate	estradiol-norethindrone acet
hydrocortisone	hydrocortisone (bulk)
progesterone, micronized	progesterone micronized (bulk)
methimazole	methimazole (bulk)
progesterone	progesterone (bulk)
budesonide, micronized	budesonide, micronized (bulk)
dexamethasone sodium phosphate	dexamethasone sod phos (bulk)
prednisone micronized	prednisone micronized (bulk)
triamcinolone diacetate	triamcinolone diacetate
dexamethasone acetate	dexamethasone acetate
triamcinolone acetonide	triamcinolone acetonide
methylprednisolone acetate	methylprednisolone acetate
prednisolone sodium phosphate	Pediapred
hydrocortisone acetate	hydrocortisone acetate
norethindrone acetate-ethinyl estradiol	Femhrt Low Dose
prednisolone	Prelone
prednisolone acetate	Cotolone
dexamethasone sodium phosphate	Adrenocot
triamcinolone diacetate	Triamcot
triamcinolone acetonide	Acetocot
dexamethasone acetate	Adrenocot LA
triamcinolone diacetate	Aristocort Forte
triamcinolone diacetate	Aristocort Intralesional
triamcinolone hexacetonide	Aristospan Intralesional
triamcinolone hexacetonide	Aristospan Intra-Articular
triamcinolone	Aristocort
betamethasone acetate/betamethasone sodium phosphate	betamethasone acet,sod phos
hydroxyprogesterone caproate/PF	hydroxyprogest(PF)(preg presv)
levonorgestrel	levonorgestrel
norethindrone	Errin
norethindrone	Camila
prednisolone sodium phosphate	Bubbli-Pred
dexamethasone acetate	dexamethasone acetate (bulk)
hydrocortisone acetate	hydrocortisone acetate (bulk)
triamcinolone acetonide	triamcinolone acetonide (bulk)
dexamethasone acetate	Dexone LA
triamcinolone diacetate	Amcort

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

Generic Name	Brand Name
triamcinolone acetonide	Tri-Kort
hydrocortisone sod succinate	hydrocortisone sod succinate
drospirenone	Slynd
dexamethasone phosphate	Primethasone
prednisolone acetate	Pri-Cortin 50
prednisolone acetate	UAD Pred
dexamethasone acetate	De-Sone LA
triamcinolone diacetate	U-Tri-Lone
methylprednisolone	Meprolone Unipak
methimazole	Northyx
dexamethasone	HiDex
fluconazole	fluconazole (bulk)
prednisolone	Millipred
prednisolone	Millipred DP
norethindrone	Deblitane
norethindrone	Sharobel
levonorgestrel	New Day
fluocinolone acetonide	fluocinolone acetonide (bulk)
levonorgestrel	Next Choice
levonorgestrel	Plan B One-Step
Prednisolone Sodium Phosphate/Peak Flow Meter	Asmalpred Plus
Prednisolone Sodium Phosphate/Peak Flow Meter	Asmalpred
prednisolone sodium phosphate	Veripred 20
betamethasone acetate, micronized	betamethasone acet,micro(bulk)
betamethasone sodium phosphate	betamethasone sod phos (bulk)
clobetasol propionate	clobetasol propionate (bulk)
betamethasone valerate	betamethasone valerate (bulk)
triamcinolone	triamcinolone (bulk)
betamethasone dipropionate	betamethasone dipropion (bulk)
fluocinonide, micronized	fluocinonide, micronized(bulk)
fludrocortisone acetate	fludrocortisone (bulk)
methylprednisolone, micronized	methylprednisolone, mic (bulk)
prednisolone, micronized	prednisolone, micro (bulk)
prednisolone acetate, micronized	prednisolone ac, micro (bulk)
triamcinolone diacetate	triamcinolone diacetate (bulk)
danazol	danazol (bulk)
beclomethasone dipropionate	beclomethasone diprop (bulk)
dexamethasone, micronized	dexamethasone,micronized(bulk)
captopril	captopril (bulk)
enalapril maleate	enalapril maleate (bulk)
norethindrone acetate	norethindrone acetate (bulk)
dexamethasone acetate, micronized	dexamethasone ac, micro (bulk)
hydroxyprogesterone caproate	hydroxyprogesterone capr(bulk)
mometasone furoate	mometasone furoate (bulk)
progesterone	Progesterone in Oil
dexamethasone	TaperDex

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

Generic Name	Brand Name
dexamethasone	ZoDex
deflazacort	Emflaza
levonorgestrel	My Way
dexamethasone	Zema-Pak
dexamethasone sodium phosphate/PF	Active Injection Kit D (PF)
aldosterone	aldosterone (bulk)
desoximetasone, micronized	desoximetasone, micro (bulk)
triamcinolone hexacetonide	triamcinolone hexaceton (bulk)
triamcinolone/norflurane and pentafluoropropane (HFC 245fa)	P-Care K40G
triamcinolone acetonide	P-Care K40
triamcinolone acetonide	P-Care K80
triamcinolone/norflurane and pentafluoropropane (HFC 245fa)	P-Care K80G
methylprednisolone acetate	P-Care D40
methylprednisolone acetate/norflurane/HFC 245fa	P-Care D40G
methylprednisolone acetate	P-Care D80
methylprednisolone acetate/norflurane/HFC 245fa	P-Care D80G
betamethasone acetate/betamethasone sodium phosphate	Pod-Care 100C
betamethasone acetate and sodium phosph/norflurane/HFC 245fa	Pod-Care 100CG
triamcinolone acetonide	Pod-Care 100K
triamcinolone/norflurane and pentafluoropropane (HFC 245fa)	Pod-Care 100KG
captopril/hydrochlorothiazide	Capozide
megestrol acetate	Megace ES
norethindrone	Lyza
levonorgestrel	EContra EZ
norethindrone	Tulana
levonorgestrel	Econtra One-Step
estradiol/progesterone	Bijuva
segesterone acetate/ethinyl estradiol	Annovera
drospirenone/estradiol	Angeliq
estradiol/levonorgestrel	Climara Pro
triamcinolone acetonide	Tac-3
trandolapril/verapamil HCl	trandolapril-verapamil
levonorgestrel	Plan B
estradiol/norgestimate	Prefest
levonorgestrel	Take Action
levonorgestrel	Aftera
norethindrone	Norlyroc
prednisolone acetate	Flo-Pred
propylthiouracil	propylthiouracil (bulk)
hydrocortisone hemisuccinate	hydrocortisone hemisucc (bulk)
megestrol acetate,micronized	megestrol acetate,micro (bulk)

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

Generic Name	Brand Name
desoxycorticosterone acetate	desoxycorticosterone ac (bulk)
lisinopril	lisinopril (bulk)
methylprednisolone sodium succinate	methylprednisol sod suc(bulk)
norethindrone	norethindrone (bulk)
benazepril HCl	benazepril HCl (bulk)
dexamethasone isonicotinate	dexamethasone isonic (bulk)
quinapril HCl/hydrochlorothiazide	Quinaretic
levonorgestrel	Next Choice One Dose
norethindrone	Nor-Q-D
norethindrone acetate-ethinyl estradiol	Jevantique Lo
norethindrone acetate-ethinyl estradiol	Jevantique
norethindrone	Nora-BE
norethindrone	Jolivette
betamethasone sodium phosphate	betamethasone sodium phosphate
methimazole	Tapazole
enalapril maleate	Epaned
triamcinolone acetonide	ReadySharp Triamcinolone
methylprednisolone acetate	ReadySharp Methylprednisolone
dexamethasone sodium phosphate	ReadySharp dexamethasone
betamethasone acetate/betamethasone sodium phosphate	ReadySharp Betamethasone
dexamethasone acetate	Dalalone D.P.
prednisolone sodium phosphate	Orapred
prednisolone sodium phosphate	Orapred ODT
prednisone	Liquid Pred
progesterone, micronized	Prochieve
hydroxyprogesterone caproate	hydroxyprogesterone cap(ppres)
prednisone	Deltasone Dose Pack
dexamethasone sodium phosphate	Cpc-Cort-D
triamcinolone acetonide/lidocaine/prilocaine	DermacinRx Cinlone-I CPI
triamcinolone	triamcinolone
triamcinolone acetonide	Arze-Ject-A
dexamethasone sodium phosphate in 0.9 % sodium chloride	dexamethasone in 0.9 % sod chl
perindopril arginine/amlodipine besylate	Prestalia
hydroxyprogesterone caproate	hydroxyprogesterone caproate
levonorgestrel	Opcicon One-Step
levonorgestrel	My Choice
triamcinolone hexacetonide, micronized	triamcin hexacet, micro (bulk)
dexamethasone sodium phosphate/PF	dexamethasone sodium phos (PF)
levonorgestrel-ethinyl estradiol/pregnancy test kit	Preven Emergency Contraceptive
hydroxyprogesterone caproate	Makena
hydroxyprogesterone caproate/PF	Makena (PF)
levonorgestrel	React
dexamethasone	Baycadron
PROGESTERONE,MICRONIZED	FIRST-Progesterone MC 5
PROGESTERONE,MICRONIZED	FIRST-Progesterone MC 10
norethindrone	Incassia

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

Generic Name	Brand Name
methylprednisolone	Methylpred
norethindrone acetate-ethinyl estradiol	Fyavolv
estradiol/norethindrone acetate	Amabelz
levonorgestrel	Fallback Solo
norethindrone	Jencycla
lisinopril/dietary supplement,comb.10	Lytensopril
lisinopril/dietary supplement,comb.10	Lytensopril-90
norethindrone	Heather
norethindrone acetate-ethinyl estradiol	norethindrone ac-eth estradiol
estradiol/norethindrone acetate	Lopreeza
norethindrone	Norlyda
triamcinolone acetonide	Pro-C-Dure 5
triamcinolone acetonide	Pro-C-Dure 6
betamethasone acetate/betamethasone sodium phosphate	Beta-1
dexamethasone sodium phosphate/PF	MAS Care-Pak (PF)
dexamethasone	Dxevo
triamcinolone acetonide	Zilretta
dexamethasone	ZonaCort
betamethasone sodium phosph in sterile water for injection	betamethasone sod phosph-water
methylprednisolone acetate in sterile water for injection	methylprednisolone acet-water
betamethasone acetate and sodium phos in sterile water/PF	betameth ac,sod phos(PF)-water
betamethasone acetate/betamethasone sodium phosphate/water	betamethasone ace,sod phos-wtr
dexamethasone acetate and sodium phosphate in sterile water	dexamethasone ac, sod ph-water
methylprednisolone acetate/bupivacaine HCl in sterile water	methylprednisol ac-bupivac-wat
methylprednisolone acetate in sodium chloride,iso-osmotic/PF	methylpred ac(PF)-NaCl,iso-osm
triamcinolone diacetate in 0.9 % sodium chloride	triamcinolone diacet-0.9% NaCl
triamcinolone diacetate in 0.9 % sodium chloride/PF	triamcinolone dia(PF)-0.9%NaCl
dexamethasone acetate in sodium chloride, iso-osmotic	dexamethasone ace-NaCl,iso-osm
triamcinolone acetonide/bupivacaine/in 0.9% sodium chloride	triamcinol ace-bupiv-0.9% NaCl
triamcinolone acetonide in 0.9 % sodium chloride	triamcinolone aceton-0.9% NaCl
triamcinolone acetonide/0.9% sodium chloride/PF	triamcinol ac (PF) in 0.9%NaCl
dexamethasone	LoCort
triamcinolone acetonide/lidocaine HCl	Lidocilone I
dexamethasone sodium phosphate/lidocaine HCl	Lidocidex-I
dexamethasone sodium phosphate	Dexonto
bupivacaine HCl/dexamethasone sodium phos in sterile water	bupivacaine-dexameth in water
methylprednisolone	Methylpred DP
fluconazole/ibuprofen/itraconazole/terbinafine HCl	flucona-ibuprof-itracon-terbin

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

Generic Name	Brand Name
prednisone	Rayos
triamcinolone/norflurane and pentafluoropropane (HFC 245fa)	Triloan SUIK
triamcinolone/norflurane and pentafluoropropane (HFC 245fa)	Triloan II SUIK
betamethasone acetate and sodium phosph/norflurane/HFC 245fa	Betaloan SUIK
methylprednisolone acetate/norflurane/HFC 245fa	Medroloan SUIK
methylprednisolone acetate/norflurane/HFC 245fa	Medroloan II SUIK
dexamethasone/PF/norflurane/pentafluoropropane (HFC 245fa)	DMT SUIK
methylprednisolone acetate/bupivacaine HCl	Physicians EZ Use M-Pred
triamcinolone acetonide/lidocaine HCl	EZ Use Joint-Tunnel-Trigger
dexamethasone sodium phosphate/PF	DoubleDex (PF)

Appendix I. Specifications Defining Parameters Used in This Request.

The purpose of this request is to execute the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool (QRP 9.0.1) to assess risk of cardiac malformations following armodafinil or modafinil use during the first trimester of pregnancy in the Sentinel Distributed Database (SDD).

Query Period: January 1, 2000 - December 31, 2019

Coverage Requirement: Medical and Drug Coverage

Enrollment Gap: 45 Days

Enrollment Requirement prior to Delivery Date: 391 Days (301 day delivery length + 90 day pre-pregnancy exposure assessment period)

Enrollment Requirement following Delivery Date: 90 days

Age Restriction: 10-54 years (<35, 35-54)

Sex: Female

Group	Unexposed Comparison		Unexposed Comparison - One Exposure		Unexposed Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed
Group	ModArm	Unexp	ModArmOne	UnexpOne	ModArmOne	UnexpOne
Pregnancy Episode Creation	180	180	180	180	180	180
Delivery Washout¹	7	7	7	7	7	7
Pre/Post Term Evaluation Window	273	273	273	273	273	273
Pregnancy Duration in Absence of Specific Duration	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT
Mother-Infant Linkage Requirement	3 days	3 days	3 days	3 days	3 days	3 days
Allowed Number of Days between Infant Birth Date and Delivery Date	Any	Any	Any	Any	Any	Any
Allowed Gap between Infant Delivery and Enrollment						
Drug/Exposure	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed
Prevalent Exposure/Comparator Incident with Respect to:	Methylphenidate, Amphetamines	Modafinil, Armodafinil, Methylphenidate, Amphetamines	Methylphenidate, Amphetamines	Modafinil, Armodafinil, Methylphenidate, Amphetamines	Methylphenidate, Amphetamines	Modafinil, Armodafinil, Methylphenidate, Amphetamines
Washout (Days)	(-90,90)	(-90,90)	(-90,90)	(-90,90)	(-90,90)	(-90,90)
Exposure Episode Length (ITT)	None	None	None	None	None	None
Cohort Definition	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode

Appendix I. Specifications Defining Parameters Used in This Request.						
	Unexposed Comparison		Unexposed Comparison - One Exposure		Unexposed Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed
Group	ModArm	Unexp	ModArmOne	UnexpOne	ModArmOne	UnexpOne
Drug/Exposure						
Exposure Unit	Trimester	Trimester	Trimester	Trimester	Trimester	Trimester
Evaluation window	(1,1)	(1,1)	(1,1)	(1,1)	(1,1)	(1,1)
Episode Gap	0	0	0	0	0	0
Episode Extension Period	0	0	0	0	0	0
Blackout Period Relative to Pregnancy Start Date	0	0	0	0	0	0
Minimum Days Supplied	1	1	1	1	1	1
Stockpiling Option	default	default	default	default	default	default
Exclude Days Supply?	No	No	No	No	No	No
Pre-Existing Condition	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality
Include/Exclude	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion
Evaluation Period	(-301, 30)	(-301, 30)	(-301, 30)	(-301, 30)	(-301, 30)	(-301, 30)
Codedays	1	1	1	1	1	1
Population to which Inclusion/Exclusion Applies	Mom and infant claims (applied to each MIL)	Mom and infant claims (applied to each MIL group)	Mom and infant claims (applied to each MIL)	Mom and infant claims (applied to each MIL)	Mom and infant claims (applied to each MIL)	Mom and infant claims (applied to each MIL)
Index Date to Define Inclusion/Exclusion Criteria	Delivery date	Delivery date	Delivery date	Delivery date	Delivery date	Delivery date
Pre-Existing Condition	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)
Include/Exclude	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion
Evaluation Period	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester
Codedays	1	1	1	1	1	1
Population to which Inclusion/Exclusion Applies	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)
Index Date to Define Inclusion/Exclusion Criteria	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)

Appendix I. Specifications Defining Parameters Used in This Request.						
	Unexposed Comparison		Unexposed Comparison - One Exposure		Unexposed Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed
Group	ModArm	Unexp	ModArmOne	UnexpOne	ModArmOne	UnexpOne
Pre-Existing Condition	Live birth delivery*	Live birth delivery*	Live birth delivery*	Live birth delivery*	Live birth delivery*	Live birth delivery*
Include/Exclude	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion
Evaluation Period	(0, 121)	(0, 121)	(0, 121)	(0, 121)	(0, 121)	(0, 121)
Codedays	1	1	1	1	1	1
Population to Which Inclusion/Exclusion Applies	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)
Index Date to Define Inclusion/Exclusion Criteria	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)
Exposures	-	-	Two+ Exposures	-	Two+ Exposures	-
Include/Exclude	-	-	Exclusion	-	Inclusion	-
Evaluation Period	-	-	(0,90)	-	(0,90)	-
Codedays	-	-	2	-	2	-
Population to Which Inclusion/Exclusion Applies	-	-	Mom claims (applied to each MIL group)	-	Mom claims (applied to each MIL group)	-
Index Date to Define Inclusion/Exclusion Criteria	-	-	Pregnancy start date	-	Pregnancy start date	-
Event/Outcome	Cardiac Malformations Pregnancy Delivery Date		Cardiac Malformations Pregnancy Delivery Date		Cardiac Malformations Pregnancy Delivery Date	
Event/Outcome	Cardiac Malformations		Cardiac Malformations		Cardiac Malformations	
Index Date to Anchor for Outcome Assessment	Pregnancy Delivery Date		Pregnancy Delivery Date		Pregnancy Delivery Date	
Evaluation Window	(-90,90)		(-90,90)		(-90,90)	
Care Setting/PDX	Any		Any		Any	
Claims to Evaluate Outcome	Mother and infant claims		Mother and infant claims		Mother and infant claims	
Date to Define Follow-up Window	Delivery date		Delivery date		Delivery date	
Model 1: Minimally Specified Propensity Score Matching	See Baseline Characteristics, Model= "Both"		See Baseline Characteristics, Model= "Both"		See Baseline Characteristics, Model= "Both"	
Covariates	See Baseline Characteristics		See Baseline Characteristics		See Baseline Characteristics	
Covariate Evaluation Window	See Baseline Characteristics		See Baseline Characteristics		See Baseline Characteristics	
Index date for Covariates and PS Risk Set	Pregnancy start date		Pregnancy start date		Pregnancy start date	
Matching Ratio	1:1		1:1		1:1	
Matching Caliper Settings	0.05		0.05		0.05	
Analysis Type	Unconditional and Conditional		Unconditional and Conditional		Unconditional and Conditional	
Effect Estimation	Risk-set Level		Risk-set Level		Risk-set Level	
Subgroup Analysis	Maternal Age		Maternal Age		Maternal Age	
Stratifying Variable	Maternal Age		Maternal Age		Maternal Age	

Appendix I. Specifications Defining Parameters Used in This Request.			
Re-matching	N/A (for age subgroups)	N/A (for age subgroups)	N/A (for age subgroups)

Appendix I. Specifications Defining Parameters Used in This Request.						
	Unexposed Comparison		Unexposed Comparison - One Exposure		Unexposed Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed
Group	ModArm	Unexp	ModArmOne	UnexpOne	ModArmOne	UnexpOne
Model 2: Fully Specified Model						
Propensity Score Matching						
Covariates	See Baseline Characteristics, Model= "Both and Full"		See Baseline Characteristics, Model= "Both and Full"		See Baseline Characteristics, Model= "Both and Full"	
Covariate Evaluation Window	See Baseline Characteristics		See Baseline Characteristics		See Baseline Characteristics	
Index Date for Covariates and PS Risk Set	Pregnancy start date		Pregnancy start date		Pregnancy start date	
Matching Ratio	1:1		1:1		1:1	
Matching Caliper Settings	0.05		0.05		0.05	
Analysis Type	Unconditional and Conditional		Unconditional and Conditional		Unconditional and Conditional	
Effect Estimation	Risk-set Level		Risk-set Level		Risk-set Level	
Subgroup Analysis						
Stratifying Variable	Maternal Age		Maternal Age		Maternal Age	
Re-matching	N/A (for age subgroups)		N/A (for age subgroups)		N/A (for age subgroups)	
ICD-9-CM, ICD-10-CM, HCPCS, and CPT codes are provided by Optum360. ICD-10-CM codes were mapped from ICD-9-CM codes using the Centers for Medicare and Medicaid Services General Equivalence Mappings.						
¹ Delivery Washout and Live birth delivery exclusion together exclude pregnancies with evidence of live birth delivery during the entire pregnancy period.						

Appendix I. Specifications Defining Parameters Used in This Request.

The purpose of this request is to execute the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool (QRP 9.0.1) to assess risk of cardiac malformations following armodafinil or modafinil use during the first trimester of pregnancy in the Sentinel Distributed Database (SDD).

Query Period: January 1, 2000 - December 31, 2019

Coverage Requirement: Medical and Drug Coverage

Enrollment Gap: 45 Days

Enrollment Requirement prior to Delivery Date: 391 Days (301 day delivery length + 90 day pre-pregnancy exposure assessment period)

Enrollment Requirement following Delivery Date: 90 days

Age Restriction: 10-54 years (<35, 35-54)

Sex: Female

Group	Methylphenidate Comparison		Methylphenidate Comparison - One Exposure		Methylphenidate Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Methylphenidate	Modafinil or Armodafinil	Methylphenidate	Modafinil or Armodafinil	Methylphenidate
	ModArm	Methyl	ModArmOne	MethylOne	ModArmOne	MethylTwo
Pregnancy Episode Creation	180	180	180	180	180	180
Delivery Washout¹	7	7	7	7	7	7
Pre/Post Term Evaluation Window						
Pregnancy Duration in Absence of Specific Duration	273	273	273	273	273	273
Mother-Infant Linkage Requirement	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT
Allowed Number of Days between Infant Birth Date and Delivery Date	3 days	3 days	3 days	3 days	3 days	3 days
Allowed Gap between Infant Delivery and Enrollment	Any	Any	Any	Any	Any	Any
Drug/Exposure	Modafinil or Armodafinil	Methylphenidate	Modafinil or Armodafinil	Methylphenidate	Modafinil or Armodafinil	Methylphenidate
Prevalent Exposure/ Comparator	Modafinil or Armodafinil	Methylphenidate	Modafinil or Armodafinil	Methylphenidate	Modafinil or Armodafinil	Methylphenidate
Incident with Respect to:	Methylphenidate, Amphetamines	Modafinil, Armodafinil, Amphetamines	Methylphenidate, Amphetamines	Modafinil, Armodafinil, Amphetamines	Methylphenidate, Amphetamines	Modafinil, Armodafinil, Amphetamines
Washout (Days)	(-90,90)	(-90,90)	(-90,90)	(-90,90)	(-90,90)	(-90,90)
Exposure Episode Length (ITT)	None	None	None	None	None	None
Cohort Definition	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode

Appendix I. Specifications Defining Parameters Used in This Request.

	Unexposed Comparison		Unexposed Comparison - One Exposure		Unexposed Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed
Group	ModArm	Methyl	ModArmOne	MethylOne	ModArmOne	MethylTwo
Drug/Exposure						
Exposure Unit	Trimester	Trimester	Trimester	Trimester	Trimester	Trimester
Evaluation window	(1,1)	(1,1)	(1,1)	(1,1)	(1,1)	(1,1)
Episode Gap	0	0	0	0	0	0
Episode Extension Period	0	0	0	0	0	0
Blackout Period Relative to Pregnancy Start Date	0	0	0	0	0	0
Minimum Days Supplied	1	1	1	1	1	1
Stockpiling Option	default	default	default	default	default	default
Exclude Days Supply?	No	No	No	No	No	No
Pre-Existing Condition	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality
Include/Exclude	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion
Evaluation Period	(-301, 30)	(-301, 30)	(-301, 30)	(-301, 30)	(-301, 30)	(-301, 30)
Codedays	1	1	1	1	1	1
Population to which Inclusion/Exclusion Applies	Mom and infant claims (applied to each MIL	Mom and infant claims (applied to each MIL	Mom and infant claims (applied to each MIL	Mom and infant claims (applied to each MIL	Mom and infant claims (applied to each MIL	Mom and infant claims (applied to each MIL
Index Date to Define Inclusion/Exclusion Criteria	Delivery date	Delivery date	Delivery date	Delivery date	Delivery date	Delivery date
Pre-Existing Condition	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)
Include/Exclude	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion
Evaluation Period	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester
Codedays	1	1	1	1	1	1
Population to which Inclusion/Exclusion Applies	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)
Index Date to Define Inclusion/Exclusion Criteria	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)

Appendix I. Specifications Defining Parameters Used in This Request.						
	Unexposed Comparison		Unexposed Comparison - One Exposure		Unexposed Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed
Group	ModArm	Methyl	ModArmOne	MethylOne	ModArmOne	MethylTwo
Pre-Existing Condition	Live birth delivery*	Live birth delivery*	Live birth delivery*	Live birth delivery*	Live birth delivery*	Live birth delivery*
Include/Exclude	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion
Evaluation Period	(0, 121)	(0, 121)	(0, 121)	(0, 121)	(0, 121)	(0, 121)
Codedays	1	1	1	1	1	1
Population to Which Inclusion/Exclusion Applies	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)
Index Date to Define Inclusion/Exclusion Criteria	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)
Exposures	-	-	Two+ Exposures	-	Two+ Exposures	-
Include/Exclude	-	-	Exclusion	-	Inclusion	-
Evaluation Period	-	-	(0,90)	-	(0,90)	-
Codedays	-	-	2	-	2	-
Population to Which Inclusion/Exclusion Applies	-	-	Mom claims (applied to each MIL group)	-	Mom claims (applied to each MIL group)	-
Index Date to Define Inclusion/Exclusion Criteria	-	-	Pregnancy start date	-	Pregnancy start date	-
Event/Outcome	Cardiac Malformations		Cardiac Malformations		Cardiac Malformations	
Event/Outcome	Pregnancy Delivery Date		Pregnancy Delivery Date		Pregnancy Delivery Date	
Index Date to Anchor for Outcome Assessment	(-90,90)		(-90,90)		(-90,90)	
Evaluation Window	Any		Any		Any	
Care Setting/PDX	Mother and infant claims		Mother and infant claims		Mother and infant claims	
Claims to Evaluate Outcome	Delivery date		Delivery date		Delivery date	
Date to Define Follow-up Window						
Model 1: Minimally Specified Model						
Propensity Score Matching	See Baseline Characteristics, Model= "Both"		See Baseline Characteristics, Model= "Both"		See Baseline Characteristics, Model= "Both"	
Covariates	See Baseline Characteristics		See Baseline Characteristics		See Baseline Characteristics	
Covariate Evaluation Window	Pregnancy start date		Pregnancy start date		Pregnancy start date	
Index date for Covariates and PS						
Risk Set	1:1		1:1		1:1	
Matching Ratio	0.05		0.05		0.05	
Matching Caliper Settings	Unconditional and Conditional		Unconditional and Conditional		Unconditional and Conditional	
Analysis Type	Risk-set Level		Risk-set Level		Risk-set Level	
Effect Estimation						
Subgroup Analysis	Maternal Age		Maternal Age		Maternal Age	
Stratifying Variable						

Appendix I. Specifications Defining Parameters Used in This Request.			
Re-matching	N/A (for age subgroups)	N/A (for age subgroups)	N/A (for age subgroups)

Appendix I. Specifications Defining Parameters Used in This Request.						
	Unexposed Comparison		Unexposed Comparison - One Exposure		Unexposed Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed
Group	ModArm	Unexp	ModArmOne	UnexpOne	ModArmOne	UnexpOne
Model 2: Fully Specified Model						
Propensity Score Matching						
Covariates	See Baseline Characteristics, Model= "Both and Full"		See Baseline Characteristics, Model= "Both and Full"		See Baseline Characteristics, Model= "Both and Full"	
Covariate Evaluation Window	See Baseline Characteristics		See Baseline Characteristics		See Baseline Characteristics	
Index Date for Covariates and PS	Pregnancy start date		Pregnancy start date		Pregnancy start date	
Risk Set						
Matching Ratio	1:1		1:1		1:1	
Matching Caliper Settings	0.05		0.05		0.05	
Analysis Type	Unconditional and Conditional		Unconditional and Conditional		Unconditional and Conditional	
Effect Estimation	Risk-set Level		Risk-set Level		Risk-set Level	
Subgroup Analysis						
Stratifying Variable	Maternal Age		Maternal Age		Maternal Age	
Re-matching	N/A (for age subgroups)		N/A (for age subgroups)		N/A (for age subgroups)	
ICD-9-CM, ICD-10-CM, HCPCS, and CPT codes are provided by Optum360. ICD-10-CM codes were mapped from ICD-9-CM codes using the Centers for Medicare and Medicaid Services General Equivalence Mappings.						
¹ Delivery Washout and Live birth delivery exclusion together exclude pregnancies with evidence of live birth delivery during the entire pregnancy period.						

Appendix I. Specifications Defining Parameters Used in This Request.

The purpose of this request is to execute the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool (QRP 9.0.1) to assess risk of cardiac malformations following armodafinil or modafinil use during the first trimester of pregnancy in the Sentinel Distributed Database (SDD).

Query Period: January 1, 2000 - December 31, 2019

Coverage Requirement: Medical and Drug Coverage

Enrollment Gap: 45 Days

Enrollment Requirement prior to Delivery Date: 391 Days (301 day delivery length + 90 day pre-pregnancy exposure assessment period)

Enrollment Requirement following Delivery Date: 90 days

Age Restriction: 10-54 years (<35, 35-54)

Sex: Female

Group	Amphetamines Comparison		Amphetamines Comparison - One Exposure		Amphetamines Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Amphetamines	Modafinil or Armodafinil	Amphetamines	Modafinil or Armodafinil	Amphetamines
	ModArm	Amph	ModArmOne	AmphOne	ModArmOne	AmphTwo
Pregnancy Episode Creation						
Delivery Washout¹	180	180	180	180	180	180
Pre/Post Term Evaluation Window	7	7	7	7	7	7
Pregnancy Duration in Absence of Specific Duration	273	273	273	273	273	273
Mother-Infant Linkage Requirement	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT	BC, RE, SI, LA, OT
Allowed Number of Days between Infant Birth Date and Delivery Date	3 days	3 days	3 days	3 days	3 days	3 days
Allowed Gap between Infant Delivery and Enrollment	Any	Any	Any	Any	Any	Any
Drug/Exposure						
Prevalent Exposure/Comparator	Modafinil or Armodafinil	Amphetamines	Modafinil or Armodafinil	Amphetamines	Modafinil or Armodafinil	Amphetamines
Incident with Respect to:	Methylphenidate, Amphetamines	Modafinil, Armodafinil, Methylphenidate	Methylphenidate, Amphetamines	Modafinil, Armodafinil, Methylphenidate	Methylphenidate, Amphetamines	Modafinil, Armodafinil, Methylphenidate
Washout (Days)	(-90,90)	(-90,90)	(-90,90)	(-90,90)	(-90,90)	(-90,90)
Exposure Episode Length (ITT)	None	None	None	None	None	None
Cohort Definition	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode	Cohort includes all valid medical product exposure episodes during a pregnancy episode

Appendix I. Specifications Defining Parameters Used in This Request.

	Unexposed Comparison		Unexposed Comparison - One Exposure		Unexposed Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed
Group	ModArm	Amph	ModArmOne	AmphOne	ModArmOne	AmphTwo
Exposure Unit	Trimester	Trimester	Trimester	Trimester	Trimester	Trimester
Evaluation window	(1,1)	(1,1)	(1,1)	(1,1)	(1,1)	(1,1)
Episode Gap	0	0	0	0	0	0
Episode Extension Period	0	0	0	0	0	0
Blackout Period Relative to Pregnancy Start Date	0	0	0	0	0	0
Minimum Days Supplied	1	1	1	1	1	1
Stockpiling Option	default	default	default	default	default	default
Exclude Days Supply?	No	No	No	No	No	No
Pre-Existing Condition	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality	Chromosomal abnormality
Include/Exclude	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion
Evaluation Period	(-301, 30)	(-301, 30)	(-301, 30)	(-301, 30)	(-301, 30)	(-301, 30)
Codedays	1	1	1	1	1	1
Population to which Inclusion/Exclusion Applies	Mom and infant claims (applied to each MIL group)	Mom and infant claims (applied to each MIL group)	Mom and infant claims (applied to each MIL group)	Mom and infant claims (applied to each MIL group)	Mom and infant claims (applied to each MIL group)	Mom and infant claims (applied to each MIL group)
Index Date to Define Inclusion/Exclusion Criteria	Delivery date	Delivery date	Delivery date	Delivery date	Delivery date	Delivery date
Pre-Existing Condition	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)	Teratogens (lithium, antineoplastic agents, isotretinoin, misoprostol, thalidomide, warfarin)
Include/Exclude	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion
Evaluation Period	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester	(0, 90) or 1st trimester
Codedays	1	1	1	1	1	1
Population to which Inclusion/Exclusion Applies	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)
Index Date to Define Inclusion/Exclusion Criteria	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)

Appendix I. Specifications Defining Parameters Used in This Request.						
	Unexposed Comparison		Unexposed Comparison - One Exposure		Unexposed Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed
Group	ModArm	Amph	ModArmOne	AmphOne	ModArmOne	AmphTwo
Pre-Existing Condition	Live birth delivery*	Live birth delivery*	Live birth delivery*	Live birth delivery*	Live birth delivery*	Live birth delivery*
Include/Exclude	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion	Exclusion
Evaluation Period	(0, 121)	(0, 121)	(0, 121)	(0, 121)	(0, 121)	(0, 121)
Codedays	1	1	1	1	1	1
Population to Which Inclusion/Exclusion Applies	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)	Mom claims (default - applied to all pregnancies)
Index Date to Define Inclusion/Exclusion Criteria	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)	Pregnancy start date (default)
Exposures	-	-	Two+ Exposures	-	Two+ Exposures	-
Include/Exclude	-	-	Exclusion	-	Inclusion	-
Evaluation Period	-	-	(0,90)	-	(0,90)	-
Codedays	-	-	2	-	2	-
Population to Which Inclusion/Exclusion Applies	-	-	Mom claims (applied to each MIL group)	-	Mom claims (applied to each MIL group)	-
Index Date to Define Inclusion/Exclusion Criteria	-	-	Pregnancy start date	-	Pregnancy start date	-
Event/Outcome	Cardiac Malformations		Cardiac Malformations		Cardiac Malformations	
Event/Outcome	Pregnancy Delivery Date		Pregnancy Delivery Date		Pregnancy Delivery Date	
Index Date to Anchor for Outcome Assessment	(-90,90)		(-90,90)		(-90,90)	
Evaluation Window	Any		Any		Any	
Care Setting/PDX	Mother and infant claims		Mother and infant claims		Mother and infant claims	
Claims to Evaluate Outcome	Delivery date		Delivery date		Delivery date	
Date to Define Follow-up Window						
Model 1: Minimally Specified Model						
Propensity Score Matching						
Covariates	See Baseline Characteristics, Model= "Both"		See Baseline Characteristics, Model= "Both"		See Baseline Characteristics, Model= "Both"	
Covariate Evaluation Window	See Baseline Characteristics		See Baseline Characteristics		See Baseline Characteristics	
Index date for Covariates and PS	Pregnancy start date		Pregnancy start date		Pregnancy start date	
Risk Set	1:1		1:1		1:1	
Matching Ratio	0.05		0.05		0.05	
Matching Caliper Settings						
Analysis Type	Unconditional and Conditional		Unconditional and Conditional		Unconditional and Conditional	
Effect Estimation	Risk-set Level		Risk-set Level		Risk-set Level	
Subgroup Analysis						
Stratifying Variable	Maternal Age		Maternal Age		Maternal Age	

Appendix I. Specifications Defining Parameters Used in This Request.

Re-matching	N/A (for age subgroups)	N/A (for age subgroups)	N/A (for age subgroups)
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Appendix I. Specifications Defining Parameters Used in This Request.						
	Unexposed Comparison		Unexposed Comparison - One Exposure		Unexposed Comparison - Two+ Exposures	
	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed	Modafinil or Armodafinil	Unexposed
Group	ModArm	Unexp	ModArmOne	UnexpOne	ModArmOne	UnexpOne
Model 2: Fully Specified Model						
Propensity Score Matching						
Covariates	See Baseline Characteristics, Model= "Both and Full"		See Baseline Characteristics, Model= "Both and Full"		See Baseline Characteristics, Model= "Both and Full"	
Covariate Evaluation Window	See Baseline Characteristics		See Baseline Characteristics		See Baseline Characteristics	
Index Date for Covariates and PS	Pregnancy start date		Pregnancy start date		Pregnancy start date	
Risk Set						
Matching Ratio	1:1		1:1		1:1	
Matching Caliper Settings	0.05		0.05		0.05	
Analysis Type	Unconditional and Conditional		Unconditional and Conditional		Unconditional and Conditional	
Effect Estimation	Risk-set Level		Risk-set Level		Risk-set Level	
Subgroup Analysis						
Stratifying Variable	Maternal Age		Maternal Age		Maternal Age	
Re-matching	N/A (for age subgroups)		N/A (for age subgroups)		N/A (for age subgroups)	
ICD-9-CM, ICD-10-CM, HCPCS, and CPT codes are provided by Optum360. ICD-10-CM codes were mapped from ICD-9-CM codes using the Centers for Medicare and Medicaid Services General Equivalence Mappings.						
¹ Delivery Washout and Live birth delivery exclusion together exclude pregnancies with evidence of live birth delivery during the entire pregnancy period.						

Appendix J. Specifications for Baseline Characteristics in this Request									
Characteristic	Used as Covariate?	Model (Both, Full Only)	Care setting	Principal diagnosis position	Evaluation Date	Evaluation period start	Evaluation period end	Exclude evidence of days supply if	Number of instances the covariate should be found in evaluation period
								inclusion/exclusion evaluation period includes dispensings	
Age	Yes	Both	N/A	N/A	Delivery Date	N/A	N/A	N/A	N/A
Obstetric Comorbidity Index	Yes	Both	N/A	N/A		-90	301	N/A	N/A
Anxiety Disorders	Yes	Both	Any	Any	Pregnancy Start	-90	90	N/A	1
Depressive Disorders	Yes	Both	Any	Any	Pregnancy Start	-90	90	N/A	1
All other psychiatric and neurological conditions	Yes	Both	Any	Any	Pregnancy Start	-90	90	N/A	1
Psychotropic medications	Yes	Both	Any	Any	Pregnancy Start	0	90	Evaluation period should search for evidence of days supply	N/A
Obesity	Yes	Full Only	Any	Any	Pregnancy Start	-90	90	N/A	1
Renal disease	Yes	Full Only	Any	Any	Pregnancy Start	-90	90	N/A	1
Antihypertensive medications	Yes	Full Only	N/A	N/A	Pregnancy Start	0	90	Evaluation period should search for evidence of days supply	N/A
Opioids	Yes	Unexp	N/A	N/A	Pregnancy Start	0	90	Evaluation period should search for evidence of days supply	N/A
Suspected teratogens	Yes	Full Only	N/A	N/A	Pregnancy Start	0	90	Evaluation period should search for evidence of days supply	N/A
Utilization Metrics									
Number of generic prescriptions	No	N/A	N/A	N/A	Pregnancy Start	-90	-1	N/A	N/A
Number of Inpatient Visits	No	N/A	IP	N/A	Pregnancy Start	-90	-1	N/A	N/A
Number of ED Visits	No	N/A	ED	N/A	Pregnancy Start	-90	-1	N/A	N/A
Other Baseline Characteristics									
Year	No	N/A	N/A	N/A	Delivery Date	N/A	N/A	N/A	N/A
Race	No	N/A	N/A	N/A	Delivery Date	N/A	N/A	N/A	N/A
Ethnicity	No	N/A	N/A	N/A	Delivery Date	N/A	N/A	N/A	N/A
Alcohol abuse or dependence	No	N/A	Any	Any	Pregnancy Start	-90	90	N/A	1
Alcohol use	No	N/A	Any	Any	Pregnancy Start	-90	90	N/A	1
Diabetes	No	N/A	Any	Any	Pregnancy Start	-90	90	N/A	1
Drug abuse or dependence	No	N/A	Any	Any	Pregnancy Start	-90	90	N/A	1
Gestational Diabetes	No	N/A	Any	Any	Pregnancy Start	-90	90	N/A	1
Gestational Hypertension	No	N/A	Any	Any	Pregnancy Start	-90	90	N/A	1
Gestational Renal disease	No	N/A	Any	Any	Pregnancy Start	-90	90	N/A	1
Hypertension	No	N/A	Any	Any	Pregnancy Start	-90	90	N/A	1

Appendix J. Specifications for Baseline Characteristics in this Request									
Characteristic	Used as Covariate?	Model (Both, Full Only)	Care setting	Principal diagnosis position	Evaluation Date	Evaluation period start	Evaluation period end	Exclude evidence of days supply if inclusion/exclusion evaluation period includes dispensings	Number of instances the covariate should be found in evaluation period
Smoking	No	N/A	Any	Any	Pregnancy Start	-90	90	N/A	1
Antidiabetic medications	No	N/A	N/A	N/A	Pregnancy Start	0	90	Evaluation period should search for evidence of days supply	N/A
Buprenorphine	No	N/A	N/A	N/A	Pregnancy Start	0	90	Evaluation period should search for evidence of days supply	N/A
Insulin	No	N/A	N/A	N/A	Pregnancy Start	0	90	Evaluation period should search for evidence of days supply	N/A
Methadone	No	N/A	N/A	N/A	Pregnancy Start	0	90	Evaluation period should search for evidence of days supply	N/A
Naloxone	No	N/A	N/A	N/A	Pregnancy Start	0	90	Evaluation period should search for evidence of days supply	N/A
Naltrexone	No	N/A	N/A	N/A	Pregnancy Start	0	90	Evaluation period should search for evidence of days supply	N/A