
PSYCKES

Quality Assurance Reporting
Requirements (QARR)
Improvement Measures

February 2020

Technical Specifications



**Office of
Mental Health**

PSYCKES

No Diabetes Monitoring for People with Diabetes and Schizophrenia

Description:

The percentage of Medicaid enrollees/members 18-64 without an LDL-C test and an HbA1c test during the past 13 months among enrollees/members with diagnosis of schizophrenia and diabetes as of the PSYCKES report date.

Eligible Population:

- Age: 18 to 64
- Inclusion Criteria: Medicaid enrollees/members with a diagnosis of schizophrenia in the past year and a diagnosis of diabetes in the past 2 years.
- Enrollees/members with continuous 11 month Medicaid eligibility, one year prior to the PSYCKES report date (allowing for 1 month gap).
- Exclusions: Dual Eligible (Medicare).

Specification:

- Numerator: Enrollees/members (from the eligible population) who did not have an HbA1c test (table 1) and an LDL-C test (table 2) in the past 13 months.
- Denominator: Enrollees from the eligible population who have received one or more services from an inpatient/ER or outpatient behavioral health provider in past 9 months or enrolled in a Health Home or Care Management agency prior to the PSYCKES report date.

Definition of Diabetes: One or more occurrence(s) of a drug in the group “Antidiabetic Medications” (Table 7 in Appendix) during the measurement year and the year prior to it. These drugs belong to the antidiabetic drug group created by Medispan.

OR

Any two or more diagnoses of diabetes (primary or secondary) in an outpatient setting, or any 1 diagnosis in an inpatient setting, during the measurement year and the year prior to it. For qualifying diagnosis of diabetes see Table 6 in Appendix.

Note: The specifications for this measure are based on “HEDIS Tech Specs for Physician Measurement 2016”.

Table 1: Procedure Codes for HbA1c

| Procedure Code | Procedure Code Description |
|----------------|--|
| 83037 | HEMOGLOBIN; GLYCOSYLATED (A1C) BY DEVICE CLEARED BY FDA FOR HOME USE |
| 3045F | MOST RECENT HEMOGLOBIN A1C (HBA1C) LEVEL 7.0-9.0% (DM) |
| 3046F | MOST RECENT HEMOGLOBIN A1C LEVEL > 9.0% (DM) |
| 83036 | HEMOGLOBIN; GLYCOSYLATED (A1C) |
| 3044F | MOST RECENT HEMOGLOBIN A1C (HBA1C) LEVEL LESS THAN 7.0% (DM) |

Table 2: Procedure Codes for LDL-C

| Procedure Code | Procedure Code Description |
|----------------|---|
| 80061 | BLOOD TEST, LIPIDS (CHOLESTEROL AND TRIGLYCERIDES) |
| 83700 | LIPOPROTEIN, BLOOD; ELECTROPHORETIC SEPARATION AND QUANTITATION |
| 83701 | LIPOPROTEIN, BLOOD; HIGH RESOLUTION FRACTIONATION AND QUANTITATION OF LIPOPROTEINS INCLUDING LIPOPROTEIN SUBCLASSES WHEN PERFORMED (EG, ELECTROPHORESIS, ULTRACENTRIFUGATION) |
| 83721 | LIPOPROTEIN, DIRECT MEASUREMENT; DIRECT MEASUREMENT, LDL CHOLESTEROL |
| 83704 | LIPOPROTEIN, BLOOD; QUANTITATION OF LIPOPROTEIN PARTICLE NUMBERS AND LIPOPROTEIN PARTICLE SUBCLASSES (EG, BY NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY) |
| 3048F | MOST RECENT LDL-C 100 MG/DL (DM) |
| 3049F | MOST RECENT LDL-C 100-129 MG/DL (DM) |
| 3050F | MOST RECENT LDL-C GREATER THAN OR EQUAL TO 130 MG/DL (CAD) (DM) |

No Diabetes Screening for People with Schizophrenia or Bipolar Disorder who are on an Antipsychotic

Description:

The percentage of Medicaid enrollees/members 18-64 without a glucose or HbA1c test during the past 13 months among enrollees/members with a diagnosis of schizophrenia or bipolar (Tables 8 and 9 in Appendix), as of the PSYCKES report date.

Eligible Population:

- Age:** 18 to 64
- Inclusion Criteria:** Medicaid enrollees/members with a diagnosis of schizophrenia or bipolar and on an antipsychotic medication or antipsychotic long acting injectable (table 4), during the past year.
- Enrollees/members with continuous 11 month Medicaid eligibility, one year prior to the PSYCKES report date (allowing for 1 month gap).
- Exclusions:** Dual Eligible (Medicare).
Enrollees/members with a diagnosis of diabetes (Appendix Table 6)

Specification:

- Numerator:** Enrollees/members (from the eligible population) who did not have an HbA1c test (table 1) or a glucose test (table 3) during the past 13 months.
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- Denominator:** Enrollees from the eligible population who have received one or more services from an inpatient/ER or outpatient behavioral health provider in past 9 months or enrolled in a Health Home or Care Management agency prior to the PSYCKES report date.

Note: For diagnosis of schizophrenia see Table 8 in Appendix and for diagnosis of bipolar see Table 9 in Appendix.

The specifications for this measure are based on “HEDIS Tech Specs for Physician Measurement 2016”.

Table 3: Procedure Codes for Glucose Tests

| Procedure Code | Procedure Code Description |
|----------------|---|
| 82951 | GLUCOSE; TOLERANCE TEST (GTT), THREE SPECIMENS (INCLUDES GLUCOSE) |
| 82950 | GLUCOSE; POST GLUCOSE DOSE (INCLUDES GLUCOSE) |
| 80047 | BASIC METABOLIC PANEL (CALCIUM, IONIZED) |
| 80050 | GENERAL HEALTH PANEL |
| 82947 | GLUCOSE; QUANTITATIVE, BLOOD (EXCEPT REAGENT STRIP) |
| 80048 | BASIC METABOLIC PANEL (CALCIUM, TOTAL) |
| 80069 | RENAL FUNCTION PANEL |
| 80053 | COMPREHENSIVE METABOLIC PANEL |

Table 4: Procedure Codes for Long acting AP injectable

| Procedure Code | Procedure Code Description |
|----------------|--|
| J0401 | Injection, aripiprazole, extended release, 1mg |
| J1631 | Injection, haloperidol decanoate, per 50 mg |
| J2358 | Injection, olanzapine, long-acting, 1mg |
| J2426 | Injection, paliperidone palmitate extended release, 1 mg |
| J2680 | Injection, fluphenazine decanoate, up to 25 mg |
| J2794 | Injection, risperidone, long acting, 0.5mg |

No Metabolic Monitoring for Children and Adolescents on Antipsychotics

Description:

The percentage of Medicaid enrollees/members 17 years of age or under with at least 2 antipsychotic pickups or 1 antipsychotic injectable (table 4) without metabolic testing during the past 13 months, as of the PSYCKES report date.

Eligible Population:

Age: 1 to 17

Inclusion Criteria: Medicaid enrollees/members with at least 2 antipsychotic medication pickups, during the past year.

Enrollees/members with continuous 11 month Medicaid eligibility, one year prior to the PSYCKES report date (allowing for 1 month gap).

Exclusions: Dual Eligible (Medicare).

Specification:

Numerator: Enrollees/members (from the eligible population) who did not have a blood glucose test (table 3) or HbA1c (table 1) AND at least one test for LDL-C (table 2) or cholesterol (table 5) during the past 13 months.

Denominator: Enrollees from the eligible population who have received one or more services from an inpatient/ER or outpatient behavioral health provider in past 9 months or enrolled in a Health Home or Care Management agency prior to the PSYCKES report date.

Note: The specifications for this measure are based on “HEDIS Tech Specs for Physician Measurement 2016”.

Table 5: Procedure Codes for Cholesterol Tests

| Procedure Code | Procedure Code Description |
|----------------|---|
| 84478 | TRIGLYCERIDES |
| 82465 | CHOLESTEROL, SERUM OR WHOLE BLOOD, TOTAL |
| 83718 | LIPOPROTEIN, DIRECT MEASUREMENT; HIGH DENSITY CHOLESTEROL (HDL CHOLESTEROL) |

Adherence to Antipsychotic Medications for Individuals with Schizophrenia (< 80%)

Description:

The percentage of Medicaid enrollees/members ages 18 to 64 with a diagnosis of schizophrenia or schizoaffective disorder (see Table 8 in Appendix for list of diagnoses) who remained on an antipsychotic for less than 80 percent of the treatment period.

Eligible Population:

Age: 18 – 64 years as of PSYCKES report date.

Inclusion Criteria: Medicaid enrollees with diagnosis of schizophrenia or schizoaffective disorder in the year prior to the PSYCKES report date and had picked up at least one antipsychotic during the intake period (first 9 months of the 12 months prior to the PSYCKES report date).
Enrollees with continuous Medicaid eligibility the year prior to the PSYCKES report date (No more than one gap of 45 days).
Enrollees had at least two antipsychotic medication dispensing events in the year prior to the PSYCKES report date.

Exclusion Criteria: Dual Eligible (Medicare).
Enrollees with a primary diagnosis of dementia in the year prior to the PSYCKES report date.

Definitions:

IPSD: Index prescription start date (IPSD) is the earliest prescription dispensing date for any antipsychotic medication during the first 9 months of the 12 months prior to the PSYCKES report date.

Treatment Period: The period of time beginning on the IPSD through the PSYCKES report date.

PDC: Proportion of days covered (PDC) is the total days covered by at least one antipsychotic medication prescription (or inpatient days), divided by total days in treatment period.

Calculation: Days covered for any antipsychotic prescriptions:

1. When antipsychotic medications are dispensed on the same day, use the prescription with longest days of supply.
2. If multiple prescriptions for different medications are dispensed on different days, only count each day once.
3. If multiple prescriptions for the same medications are dispensed on different days, for oral medication, sum the total days supply for this medication; for injection, only count once for each day.
4. If an enrollee is covered with an antipsychotic medication within 50 days of the report date, it is assumed the enrollee has antipsychotic medication coverage until the report date.

*Inpatient Days: Inpatient stays occurring during the treatment period are treated as days with antipsychotic medication.

Specification:

Numerator: Number of enrollees/members (from the eligible population) whose PDC (total days covered with an antipsychotic divided by total days in treatment period) is less than 80 percent.

Denominator: Enrollees from the eligible population who have received one or more services from an inpatient/ER or outpatient behavioral health provider in past 9 months or enrolled in a Health Home or Care Management agency prior to the PSYCKES report date.

*This indicator is based on the “Adherence to Antipsychotic Medications for Individuals with Schizophrenia”, HEDIS 2013, Volume 2. Differences include: inverting the indicator by reporting the percent of enrollees with a PDC of less than 80% and treating inpatient days as days covered with antipsychotic medication.

Antidepressant Trial of less than 12 weeks for Individuals with Depression (Antidepressant < 12 weeks (Depression))

Description:

The percentage of Medicaid enrollees/members ages 18 to 64 with a primary or secondary diagnosis of depression (see Table 10 in Appendix for list of diagnoses) who were newly started on an antidepressant medication but did not remain on any antidepressant for a minimum of 12 weeks (84 days) in the year prior to PSYCKES report date.

Eligible Population:

Age: 18 – 64 years as of the PSYCKES report date.

Inclusion Criteria: Medicaid enrollees/members with a primary or secondary diagnosis of major depression in the year prior to the PSYCKES report date and have no evidence of antidepressant medication in the 90 days prior to the first antidepressant pick up in the measurement period. Enrollees/members are continuously enrolled during the year prior to PSYCKES report date (no more than one gap of 45 days).

Exclusion Criteria: Dual Eligible (Medicare). Enrollees with antidepressant treatment 90 days prior to the IPSD.

Definitions:

IESD: Index Episode Start Date (IESD) is the earliest encounter during the year prior to the PSYCKES report date with any diagnosis of major depression and a 90-day Negative Medication History. For inpatient, the IESD is the date of discharge.

IPSD: Index prescription start date (IPSD) is the earliest prescription dispensing date for an antidepressant medication during the period of 30 days prior to the IESD (inclusive) through 14 days after the IESD (inclusive).

Negative Medication History: A period of 90 days prior to the IPSD when the member had no pharmacy claims for either new or refill prescriptions for an antidepressant medication.

Specification:

Numerator*: Number of enrollees/members (from the eligible population) who had less than 12 weeks (84 days) of continuous treatment with antidepressant medication during the 114 day period following the IPSD ⁽²⁾. If an enrollee is covered with an antidepressant medication within 50 days of the report date, it is assumed the enrollee has antidepressant medication coverage until the report date.

Denominator: Enrollees from the eligible population who have received one or more services from an inpatient or BH provider in the 9 months prior to the PSYCKES report date.

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*If an enrollee's/member's IPSD is within 114 days of the report date, we consider the enrollee/member to have continuous treatment with antidepressant medication.

Note: This indicator is based on Antidepressant Medication Management (AMM) from HEDIS 2013, volume 2. We inverted the indicator to report the percent of enrollees who had less than 12 weeks of antidepressant medication.

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Use of multiple concurrent antipsychotics in children and adolescents.

Similar to current measure: Polypharmacy Indicators - Antipsychotic polypharmacy of two or more agents (2AP)

Description: The percentage of enrollees of ages 1 to 17 who were prescribed two or more antipsychotic medications among enrollees prescribed any antipsychotic medication.

Eligible Population:

Age: 1 – 17 years as of PSYCKES report date.

Inclusion Criteria: Medicaid enrollee who is prescribed an antipsychotic medication for greater than 90 days.

Exclusion Criteria: Current Medicare enrollee (dual eligibility).

Event/Diagnosis: An enrollee is included in the eligible population if the enrollee has been prescribed an antipsychotic medication for longer than 90 days* as of the report date.

Specification:

Numerator: Enrollees (from the eligible population) prescribed two or more concurrent antipsychotic medications during the previous 90 days or longer as of the report date.

Denominator: Eligible Population

*Note: The algorithm measures time exposed to multiple agents and not the specific regimens. Individual agent trials are created, allowing for a possible 32 day gap between the last day with medication and the next pick-up date of the same agent (assuming less than perfect adherence and possible short inpatient stays). Polypharmacy trials are created by counting the number of agents available each day (constructed via the agent trials) and assigning corresponding start and end dates. A built-in allowance for polypharmacy trial gap of 15 days is permitted to allow for short periods of fewer medications, if enrollee returns to the same or higher status.

APPENDIX

Table 6: Diagnosis codes for Diabetes and Diabetes Exclusions

| Diagnosis code | Diagnosis label | Diagnosis group | ICD version | KEYN UM |
|----------------|--|-----------------|-------------|---------|
| 250 | Diabetes mellitus | Diabetes | 9 | 0 |
| 2500 | Diabetes mellitus without mention of complication | Diabetes | 9 | 0 |
| 25000 | Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled | Diabetes | 9 | 1 |
| 25001 | Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled | Diabetes | 9 | 1 |
| 25002 | Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled | Diabetes | 9 | 1 |
| 25003 | Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled | Diabetes | 9 | 1 |
| 2501 | Diabetes with ketoacidosis | Diabetes | 9 | 0 |
| 25010 | Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled | Diabetes | 9 | 1 |
| 25011 | Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled | Diabetes | 9 | 1 |
| 25012 | Diabetes with ketoacidosis, type II or unspecified type, uncontrolled | Diabetes | 9 | 1 |
| 25013 | Diabetes with ketoacidosis, type I [juvenile type], uncontrolled | Diabetes | 9 | 1 |
| 2502 | Diabetes mellitus with hyperosmolarity | Diabetes | 9 | 0 |
| 25020 | Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled | Diabetes | 9 | 1 |
| 25021 | Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled | Diabetes | 9 | 1 |
| 25022 | Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled | Diabetes | 9 | 1 |
| 25023 | Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled | Diabetes | 9 | 1 |
| 2503 | Diabetes with other coma | Diabetes | 9 | 0 |
| 25030 | Diabetes with other coma, type II or unspecified type, not stated as uncontrolled | Diabetes | 9 | 1 |
| 25031 | Diabetes with other coma, type I [juvenile type], not stated as uncontrolled | Diabetes | 9 | 1 |
| 25032 | Diabetes with other coma, type II or unspecified type, uncontrolled | Diabetes | 9 | 1 |
| 25033 | Diabetes with other coma, type I [juvenile type], uncontrolled | Diabetes | 9 | 1 |
| 2504 | Diabetes with renal manifestations | Diabetes | 9 | 0 |
| 25040 | Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled | Diabetes | 9 | 1 |
| 25041 | Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled | Diabetes | 9 | 1 |
| 25042 | Diabetes with renal manifestations, type II or unspecified type, uncontrolled | Diabetes | 9 | 1 |
| 25043 | Diabetes with renal manifestations, type I [juvenile type], uncontrolled | Diabetes | 9 | 1 |
| 2505 | Diabetes with ophthalmic manifestations | Diabetes | 9 | 0 |
| 25050 | Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled | Diabetes | 9 | 1 |
| 25051 | Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled | Diabetes | 9 | 1 |

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|-------|---|----------|---|---|
| 25052 | Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled | Diabetes | 9 | 1 |
| 25053 | Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled | Diabetes | 9 | 1 |
| 2506 | Diabetes with neurological manifestations | Diabetes | 9 | 0 |
| 25060 | Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled | Diabetes | 9 | 1 |
| 25061 | Diabetes with neurological manifestations, type I [juvenile type], not stated as uncontrolled | Diabetes | 9 | 1 |
| 25062 | Diabetes with neurological manifestations, type II or unspecified type, uncontrolled | Diabetes | 9 | 1 |
| 25063 | Diabetes with neurological manifestations, type I [juvenile type], uncontrolled | Diabetes | 9 | 1 |
| 2507 | Diabetes with peripheral circulatory disorders | Diabetes | 9 | 0 |
| 25070 | Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled | Diabetes | 9 | 1 |
| 25071 | Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled | Diabetes | 9 | 1 |
| 25072 | Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled | Diabetes | 9 | 1 |
| 25073 | Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled | Diabetes | 9 | 1 |
| 2508 | Diabetes with other specified manifestations | Diabetes | 9 | 0 |
| 25080 | Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled | Diabetes | 9 | 1 |
| 25081 | Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled | Diabetes | 9 | 1 |
| 25082 | Diabetes with other specified manifestations, type II or unspecified type, uncontrolled | Diabetes | 9 | 1 |
| 25083 | Diabetes with other specified manifestations, type I [juvenile type], uncontrolled | Diabetes | 9 | 1 |
| 2509 | Diabetes with unspecified complication | Diabetes | 9 | 0 |
| 25090 | Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled | Diabetes | 9 | 1 |
| 25091 | Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled | Diabetes | 9 | 1 |
| 25092 | Diabetes with unspecified complication, type II or unspecified type, uncontrolled | Diabetes | 9 | 1 |
| 25093 | Diabetes with unspecified complication, type I [juvenile type], uncontrolled | Diabetes | 9 | 1 |
| 3572 | Polyneuropathy in diabetes | Diabetes | 9 | 1 |
| 3620 | Diabetic retinopathy | Diabetes | 9 | 0 |
| 36201 | Background diabetic retinopathy | Diabetes | 9 | 1 |
| 36202 | Proliferative diabetic retinopathy | Diabetes | 9 | 1 |
| 36203 | Nonproliferative diabetic retinopathy NOS | Diabetes | 9 | 1 |
| 36204 | Mild nonproliferative diabetic retinopathy | Diabetes | 9 | 1 |
| 36205 | Moderate nonproliferative diabetic retinopathy | Diabetes | 9 | 1 |
| 36206 | Severe nonproliferative diabetic retinopathy | Diabetes | 9 | 1 |
| 36207 | Diabetic macular edema | Diabetes | 9 | 1 |
| 36641 | Diabetic cataract | Diabetes | 9 | 1 |
| 6480 | Diabetes mellitus complicating pregnancy, childbirth, or the puerperium | Diabetes | 9 | 0 |
| 64800 | Diabetes mellitus of mother, complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care or not applicable | Diabetes | 9 | 1 |

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|--------|--|----------|----|---|
| 64801 | Diabetes mellitus of mother, complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition | Diabetes | 9 | 1 |
| 64802 | Diabetes mellitus of mother, complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication | Diabetes | 9 | 1 |
| 64803 | Diabetes mellitus of mother, complicating pregnancy, childbirth, or the puerperium, antepartum condition or complication | Diabetes | 9 | 1 |
| 64804 | Diabetes mellitus of mother, complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication | Diabetes | 9 | 1 |
| E10 | Type 1 diabetes mellitus | Diabetes | 10 | 0 |
| E101 | Type 1 diabetes mellitus with ketoacidosis | Diabetes | 10 | 0 |
| E1010 | Type 1 diabetes mellitus with ketoacidosis without coma | Diabetes | 10 | 1 |
| E1011 | Type 1 diabetes mellitus with ketoacidosis with coma | Diabetes | 10 | 1 |
| E102 | Type 1 diabetes mellitus with kidney complications | Diabetes | 10 | 0 |
| E1021 | Type 1 diabetes mellitus with diabetic nephropathy | Diabetes | 10 | 1 |
| E1022 | Type 1 diabetes mellitus with diabetic chronic kidney disease | Diabetes | 10 | 1 |
| E1029 | Type 1 diabetes mellitus with other diabetic kidney complication | Diabetes | 10 | 1 |
| E103 | Type 1 diabetes mellitus with ophthalmic complications | Diabetes | 10 | 0 |
| E1031 | Type 1 diabetes mellitus with unspecified diabetic retinopathy | Diabetes | 10 | 0 |
| E10311 | Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E10319 | Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1032 | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy | Diabetes | 10 | 0 |
| E10321 | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E10329 | Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1033 | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy | Diabetes | 10 | 0 |
| E10331 | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E10339 | Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1034 | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy | Diabetes | 10 | 0 |
| E10341 | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E10349 | Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1035 | Type 1 diabetes mellitus with proliferative diabetic retinopathy | Diabetes | 10 | 0 |
| E10351 | Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E10359 | Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1036 | Type 1 diabetes mellitus with diabetic cataract | Diabetes | 10 | 1 |
| E1039 | Type 1 diabetes mellitus with other diabetic ophthalmic complication | Diabetes | 10 | 1 |
| E104 | Type 1 diabetes mellitus with neurological complications | Diabetes | 10 | 0 |
| E1040 | Type 1 diabetes mellitus with diabetic neuropathy, unspecified | Diabetes | 10 | 1 |
| E1041 | Type 1 diabetes mellitus with diabetic mononeuropathy | Diabetes | 10 | 1 |
| E1042 | Type 1 diabetes mellitus with diabetic polyneuropathy | Diabetes | 10 | 1 |
| E1043 | Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy | Diabetes | 10 | 1 |
| E1044 | Type 1 diabetes mellitus with diabetic amyotrophy | Diabetes | 10 | 1 |
| E1049 | Type 1 diabetes mellitus with other diabetic neurological complication | Diabetes | 10 | 1 |
| E105 | Type 1 diabetes mellitus with circulatory complications | Diabetes | 10 | 0 |

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|--------|--|----------|----|---|
| E1051 | Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene | Diabetes | 10 | 1 |
| E1052 | Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene | Diabetes | 10 | 1 |
| E1059 | Type 1 diabetes mellitus with other circulatory complications | Diabetes | 10 | 1 |
| E106 | Type 1 diabetes mellitus with other specified complications | Diabetes | 10 | 0 |
| E1061 | Type 1 diabetes mellitus with diabetic arthropathy | Diabetes | 10 | 0 |
| E10610 | Type 1 diabetes mellitus with diabetic neuropathic arthropathy | Diabetes | 10 | 1 |
| E10618 | Type 1 diabetes mellitus with other diabetic arthropathy | Diabetes | 10 | 1 |
| E1062 | Type 1 diabetes mellitus with skin complications | Diabetes | 10 | 0 |
| E10620 | Type 1 diabetes mellitus with diabetic dermatitis | Diabetes | 10 | 1 |
| E10621 | Type 1 diabetes mellitus with foot ulcer | Diabetes | 10 | 1 |
| E10622 | Type 1 diabetes mellitus with other skin ulcer | Diabetes | 10 | 1 |
| E10628 | Type 1 diabetes mellitus with other skin complications | Diabetes | 10 | 1 |
| E1063 | Type 1 diabetes mellitus with oral complications | Diabetes | 10 | 0 |
| E10630 | Type 1 diabetes mellitus with periodontal disease | Diabetes | 10 | 1 |
| E10638 | Type 1 diabetes mellitus with other oral complications | Diabetes | 10 | 1 |
| E1064 | Type 1 diabetes mellitus with hypoglycemia | Diabetes | 10 | 0 |
| E10641 | Type 1 diabetes mellitus with hypoglycemia with coma | Diabetes | 10 | 1 |
| E10649 | Type 1 diabetes mellitus with hypoglycemia without coma | Diabetes | 10 | 1 |
| E1065 | Type 1 diabetes mellitus with hyperglycemia | Diabetes | 10 | 1 |
| E1069 | Type 1 diabetes mellitus with other specified complication | Diabetes | 10 | 1 |
| E108 | Type 1 diabetes mellitus with unspecified complications | Diabetes | 10 | 1 |
| E109 | Type 1 diabetes mellitus without complications | Diabetes | 10 | 1 |
| E11 | Type 2 diabetes mellitus | Diabetes | 10 | 0 |
| E110 | Type 2 diabetes mellitus with hyperosmolarity | Diabetes | 10 | 0 |
| E1100 | Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC) | Diabetes | 10 | 1 |
| E1101 | Type 2 diabetes mellitus with hyperosmolarity with coma | Diabetes | 10 | 1 |
| E112 | Type 2 diabetes mellitus with kidney complications | Diabetes | 10 | 0 |
| E1121 | Type 2 diabetes mellitus with diabetic nephropathy | Diabetes | 10 | 1 |
| E1122 | Type 2 diabetes mellitus with diabetic chronic kidney disease | Diabetes | 10 | 1 |
| E1129 | Type 2 diabetes mellitus with other diabetic kidney complication | Diabetes | 10 | 1 |
| E113 | Type 2 diabetes mellitus with ophthalmic complications | Diabetes | 10 | 0 |
| E1131 | Type 2 diabetes mellitus with unspecified diabetic retinopathy | Diabetes | 10 | 0 |
| E11311 | Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E11319 | Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1132 | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy | Diabetes | 10 | 0 |
| E11321 | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E11329 | Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1133 | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy | Diabetes | 10 | 0 |
| E11331 | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E11339 | Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1134 | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy | Diabetes | 10 | 0 |

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|--------|---|----------|----|---|
| E11341 | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E11349 | Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1135 | Type 2 diabetes mellitus with proliferative diabetic retinopathy | Diabetes | 10 | 0 |
| E11351 | Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E11359 | Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1136 | Type 2 diabetes mellitus with diabetic cataract | Diabetes | 10 | 1 |
| E1139 | Type 2 diabetes mellitus with other diabetic ophthalmic complication | Diabetes | 10 | 1 |
| E114 | Type 2 diabetes mellitus with neurological complications | Diabetes | 10 | 0 |
| E1140 | Type 2 diabetes mellitus with diabetic neuropathy, unspecified | Diabetes | 10 | 1 |
| E1141 | Type 2 diabetes mellitus with diabetic mononeuropathy | Diabetes | 10 | 1 |
| E1142 | Type 2 diabetes mellitus with diabetic polyneuropathy | Diabetes | 10 | 1 |
| E1143 | Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy | Diabetes | 10 | 1 |
| E1144 | Type 2 diabetes mellitus with diabetic amyotrophy | Diabetes | 10 | 1 |
| E1149 | Type 2 diabetes mellitus with other diabetic neurological complication | Diabetes | 10 | 1 |
| E115 | Type 2 diabetes mellitus with circulatory complications | Diabetes | 10 | 0 |
| E1151 | Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene | Diabetes | 10 | 1 |
| E1152 | Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene | Diabetes | 10 | 1 |
| E1159 | Type 2 diabetes mellitus with other circulatory complications | Diabetes | 10 | 1 |
| E116 | Type 2 diabetes mellitus with other specified complications | Diabetes | 10 | 0 |
| E1161 | Type 2 diabetes mellitus with diabetic arthropathy | Diabetes | 10 | 0 |
| E11610 | Type 2 diabetes mellitus with diabetic neuropathic arthropathy | Diabetes | 10 | 1 |
| E11618 | Type 2 diabetes mellitus with other diabetic arthropathy | Diabetes | 10 | 1 |
| E1162 | Type 2 diabetes mellitus with skin complications | Diabetes | 10 | 0 |
| E11620 | Type 2 diabetes mellitus with diabetic dermatitis | Diabetes | 10 | 1 |
| E11621 | Type 2 diabetes mellitus with foot ulcer | Diabetes | 10 | 1 |
| E11622 | Type 2 diabetes mellitus with other skin ulcer | Diabetes | 10 | 1 |
| E11628 | Type 2 diabetes mellitus with other skin complications | Diabetes | 10 | 1 |
| E1163 | Type 2 diabetes mellitus with oral complications | Diabetes | 10 | 0 |
| E11630 | Type 2 diabetes mellitus with periodontal disease | Diabetes | 10 | 1 |
| E11638 | Type 2 diabetes mellitus with other oral complications | Diabetes | 10 | 1 |
| E1164 | Type 2 diabetes mellitus with hypoglycemia | Diabetes | 10 | 0 |
| E11641 | Type 2 diabetes mellitus with hypoglycemia with coma | Diabetes | 10 | 1 |
| E11649 | Type 2 diabetes mellitus with hypoglycemia without coma | Diabetes | 10 | 1 |
| E1165 | Type 2 diabetes mellitus with hyperglycemia | Diabetes | 10 | 1 |
| E1169 | Type 2 diabetes mellitus with other specified complication | Diabetes | 10 | 1 |
| E118 | Type 2 diabetes mellitus with unspecified complications | Diabetes | 10 | 1 |
| E119 | Type 2 diabetes mellitus without complications | Diabetes | 10 | 1 |
| E13 | Other specified diabetes mellitus | Diabetes | 10 | 0 |
| E130 | Other specified diabetes mellitus with hyperosmolarity | Diabetes | 10 | 0 |
| E1300 | Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC) | Diabetes | 10 | 1 |
| E1301 | Other specified diabetes mellitus with hyperosmolarity with coma | Diabetes | 10 | 1 |
| E131 | Other specified diabetes mellitus with ketoacidosis | Diabetes | 10 | 0 |
| E1310 | Other specified diabetes mellitus with ketoacidosis without coma | Diabetes | 10 | 1 |

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|--------|---|----------|----|---|
| E1311 | Other specified diabetes mellitus with ketoacidosis with coma | Diabetes | 10 | 1 |
| E132 | Other specified diabetes mellitus with kidney complications | Diabetes | 10 | 0 |
| E1321 | Other specified diabetes mellitus with diabetic nephropathy | Diabetes | 10 | 1 |
| E1322 | Other specified diabetes mellitus with diabetic chronic kidney disease | Diabetes | 10 | 1 |
| E1329 | Other specified diabetes mellitus with other diabetic kidney complication | Diabetes | 10 | 1 |
| E133 | Other specified diabetes mellitus with ophthalmic complications | Diabetes | 10 | 0 |
| E1331 | Other specified diabetes mellitus with unspecified diabetic retinopathy | Diabetes | 10 | 0 |
| E13311 | Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E13319 | Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1332 | Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy | Diabetes | 10 | 0 |
| E13321 | Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E13329 | Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1333 | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy | Diabetes | 10 | 0 |
| E13331 | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E13339 | Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1334 | Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy | Diabetes | 10 | 0 |
| E13341 | Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E13349 | Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1335 | Other specified diabetes mellitus with proliferative diabetic retinopathy | Diabetes | 10 | 0 |
| E13351 | Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema | Diabetes | 10 | 1 |
| E13359 | Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema | Diabetes | 10 | 1 |
| E1336 | Other specified diabetes mellitus with diabetic cataract | Diabetes | 10 | 1 |
| E1339 | Other specified diabetes mellitus with other diabetic ophthalmic complication | Diabetes | 10 | 1 |
| E134 | Other specified diabetes mellitus with neurological complications | Diabetes | 10 | 0 |
| E1340 | Other specified diabetes mellitus with diabetic neuropathy, unspecified | Diabetes | 10 | 1 |
| E1341 | Other specified diabetes mellitus with diabetic mononeuropathy | Diabetes | 10 | 1 |
| E1342 | Other specified diabetes mellitus with diabetic polyneuropathy | Diabetes | 10 | 1 |
| E1343 | Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy | Diabetes | 10 | 1 |
| E1344 | Other specified diabetes mellitus with diabetic amyotrophy | Diabetes | 10 | 1 |
| E1349 | Other specified diabetes mellitus with other diabetic neurological complication | Diabetes | 10 | 1 |
| E135 | Other specified diabetes mellitus with circulatory complications | Diabetes | 10 | 0 |
| E1351 | Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene | Diabetes | 10 | 1 |
| E1352 | Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene | Diabetes | 10 | 1 |
| E1359 | Other specified diabetes mellitus with other circulatory complications | Diabetes | 10 | 1 |

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|--------|--|----------|----|---|
| E136 | Other specified diabetes mellitus with other specified complications | Diabetes | 10 | 0 |
| E1361 | Other specified diabetes mellitus with diabetic arthropathy | Diabetes | 10 | 0 |
| E13610 | Other specified diabetes mellitus with diabetic neuropathic arthropathy | Diabetes | 10 | 1 |
| E13618 | Other specified diabetes mellitus with other diabetic arthropathy | Diabetes | 10 | 1 |
| E1362 | Other specified diabetes mellitus with skin complications | Diabetes | 10 | 0 |
| E13620 | Other specified diabetes mellitus with diabetic dermatitis | Diabetes | 10 | 1 |
| E13621 | Other specified diabetes mellitus with foot ulcer | Diabetes | 10 | 1 |
| E13622 | Other specified diabetes mellitus with other skin ulcer | Diabetes | 10 | 1 |
| E13628 | Other specified diabetes mellitus with other skin complications | Diabetes | 10 | 1 |
| E1363 | Other specified diabetes mellitus with oral complications | Diabetes | 10 | 0 |
| E13630 | Other specified diabetes mellitus with periodontal disease | Diabetes | 10 | 1 |
| E13638 | Other specified diabetes mellitus with other oral complications | Diabetes | 10 | 1 |
| E1364 | Other specified diabetes mellitus with hypoglycemia | Diabetes | 10 | 0 |
| E13641 | Other specified diabetes mellitus with hypoglycemia with coma | Diabetes | 10 | 1 |
| E13649 | Other specified diabetes mellitus with hypoglycemia without coma | Diabetes | 10 | 1 |
| E1365 | Other specified diabetes mellitus with hyperglycemia | Diabetes | 10 | 1 |
| E1369 | Other specified diabetes mellitus with other specified complication | Diabetes | 10 | 1 |
| E138 | Other specified diabetes mellitus with unspecified complications | Diabetes | 10 | 1 |
| E139 | Other specified diabetes mellitus without complications | Diabetes | 10 | 1 |
| O240 | Pre-existing diabetes mellitus, type 1, in pregnancy, childbirth and the puerperium | Diabetes | 10 | 0 |
| O2401 | Pre-existing diabetes mellitus, type 1, in pregnancy | Diabetes | 10 | 0 |
| O24011 | Pre-existing diabetes mellitus, type 1, in pregnancy, first trimester | Diabetes | 10 | 1 |
| O24012 | Pre-existing diabetes mellitus, type 1, in pregnancy, second trimester | Diabetes | 10 | 1 |
| O24013 | Pre-existing diabetes mellitus, type 1, in pregnancy, third trimester | Diabetes | 10 | 1 |
| O24019 | Pre-existing diabetes mellitus, type 1, in pregnancy, unspecified trimester | Diabetes | 10 | 1 |
| O2402 | Pre-existing diabetes mellitus, type 1, in childbirth | Diabetes | 10 | 1 |
| O2403 | Pre-existing diabetes mellitus, type 1, in the puerperium | Diabetes | 10 | 1 |
| O241 | Pre-existing diabetes mellitus, type 2, in pregnancy, childbirth and the puerperium | Diabetes | 10 | 0 |
| O2411 | Pre-existing diabetes mellitus, type 2, in pregnancy | Diabetes | 10 | 0 |
| O24111 | Pre-existing diabetes mellitus, type 2, in pregnancy, first trimester | Diabetes | 10 | 1 |
| O24112 | Pre-existing diabetes mellitus, type 2, in pregnancy, second trimester | Diabetes | 10 | 1 |
| O24113 | Pre-existing diabetes mellitus, type 2, in pregnancy, third trimester | Diabetes | 10 | 1 |
| O24119 | Pre-existing diabetes mellitus, type 2, in pregnancy, unspecified trimester | Diabetes | 10 | 1 |
| O2412 | Pre-existing diabetes mellitus, type 2, in childbirth | Diabetes | 10 | 1 |
| O2413 | Pre-existing diabetes mellitus, type 2, in the puerperium | Diabetes | 10 | 1 |
| O243 | Unspecified pre-existing diabetes mellitus in pregnancy, childbirth and the puerperium | Diabetes | 10 | 0 |
| O2431 | Unspecified pre-existing diabetes mellitus in pregnancy | Diabetes | 10 | 0 |
| O24311 | Unspecified pre-existing diabetes mellitus in pregnancy, first trimester | Diabetes | 10 | 1 |
| O24312 | Unspecified pre-existing diabetes mellitus in pregnancy, second trimester | Diabetes | 10 | 1 |
| O24313 | Unspecified pre-existing diabetes mellitus in pregnancy, third trimester | Diabetes | 10 | 1 |
| O24319 | Unspecified pre-existing diabetes mellitus in pregnancy, unspecified trimester | Diabetes | 10 | 1 |
| O2432 | Unspecified pre-existing diabetes mellitus in childbirth | Diabetes | 10 | 1 |
| O2433 | Unspecified pre-existing diabetes mellitus in the puerperium | Diabetes | 10 | 1 |
| O248 | Other pre-existing diabetes mellitus in pregnancy, childbirth, and the puerperium | Diabetes | 10 | 0 |
| O2481 | Other pre-existing diabetes mellitus in pregnancy | Diabetes | 10 | 0 |
| O24811 | Other pre-existing diabetes mellitus in pregnancy, first trimester | Diabetes | 10 | 1 |

| | | | | |
|--------|---|-----------|----|---|
| O24812 | Other pre-existing diabetes mellitus in pregnancy, second trimester | Diabetes | 10 | 1 |
| O24813 | Other pre-existing diabetes mellitus in pregnancy, third trimester | Diabetes | 10 | 1 |
| O24819 | Other pre-existing diabetes mellitus in pregnancy, unspecified trimester | Diabetes | 10 | 1 |
| O2482 | Other pre-existing diabetes mellitus in childbirth | Diabetes | 10 | 1 |
| O2483 | Other pre-existing diabetes mellitus in the puerperium | Diabetes | 10 | 1 |
| 249 | Secondary diabetes mellitus | Exclusion | 9 | 0 |
| 2490 | Secondary diabetes mellitus without mention of complication | Exclusion | 9 | 0 |
| 24900 | Secondary diabetes mellitus without mention of complication, not stated as uncontrolled, or unspecified | Exclusion | 9 | 1 |
| 24901 | Secondary diabetes mellitus without mention of complication, uncontrolled | Exclusion | 9 | 1 |
| 2491 | Secondary diabetes mellitus with ketoacidosis | Exclusion | 9 | 0 |
| 24910 | Secondary diabetes mellitus with ketoacidosis, not stated as uncontrolled, or unspecified | Exclusion | 9 | 1 |
| 24911 | Secondary diabetes mellitus with ketoacidosis, uncontrolled | Exclusion | 9 | 1 |
| 2492 | Secondary diabetes mellitus with hyperosmolarity | Exclusion | 9 | 0 |
| 24920 | Secondary diabetes mellitus with hyperosmolarity, not stated as uncontrolled, or unspecified | Exclusion | 9 | 1 |
| 24921 | Secondary diabetes mellitus with hyperosmolarity, uncontrolled | Exclusion | 9 | 1 |
| 2493 | Secondary diabetes mellitus with other coma | Exclusion | 9 | 0 |
| 24930 | Secondary diabetes mellitus with other coma, not stated as uncontrolled, or unspecified | Exclusion | 9 | 1 |
| 24931 | Secondary diabetes mellitus with other coma, uncontrolled | Exclusion | 9 | 1 |
| 2494 | Secondary diabetes mellitus with renal manifestations | Exclusion | 9 | 0 |
| 24940 | Secondary diabetes mellitus with renal manifestations, not stated as uncontrolled, or unspecified | Exclusion | 9 | 1 |
| 24941 | Secondary diabetes mellitus with renal manifestations, uncontrolled | Exclusion | 9 | 1 |
| 2495 | Secondary diabetes mellitus with ophthalmic manifestations | Exclusion | 9 | 0 |
| 24950 | Secondary diabetes mellitus with ophthalmic manifestations, not stated as uncontrolled, or unspecified | Exclusion | 9 | 1 |
| 24951 | Secondary diabetes mellitus with ophthalmic manifestations, uncontrolled | Exclusion | 9 | 1 |
| 2496 | Secondary diabetes mellitus with neurological manifestations | Exclusion | 9 | 0 |
| 24960 | Secondary diabetes mellitus with neurological manifestations, not stated as uncontrolled, or unspecified | Exclusion | 9 | 1 |
| 24961 | Secondary diabetes mellitus with neurological manifestations, uncontrolled | Exclusion | 9 | 1 |
| 2497 | Secondary diabetes mellitus with peripheral circulatory disorders | Exclusion | 9 | 0 |
| 24970 | Secondary diabetes mellitus with peripheral circulatory disorders, not stated as uncontrolled, or unspecified | Exclusion | 9 | 1 |
| 24971 | Secondary diabetes mellitus with peripheral circulatory disorders, uncontrolled | Exclusion | 9 | 1 |
| 2498 | Secondary diabetes mellitus with other specified manifestations | Exclusion | 9 | 0 |
| 24980 | Secondary diabetes mellitus with other specified manifestations, not stated as uncontrolled, or unspecified | Exclusion | 9 | 1 |
| 24981 | Secondary diabetes mellitus with other specified manifestations, uncontrolled | Exclusion | 9 | 1 |
| 2499 | Secondary diabetes mellitus with unspecified complication | Exclusion | 9 | 0 |
| 24990 | Secondary diabetes mellitus with unspecified complication, not stated as uncontrolled, or unspecified | Exclusion | 9 | 1 |
| 24991 | Secondary diabetes mellitus with unspecified complication, uncontrolled | Exclusion | 9 | 1 |

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|--------|---|-----------|----|---|
| 2518 | Other specified disorders of pancreatic internal secretion | Exclusion | 9 | 1 |
| 6488 | Abnormal glucose tolerance of mother, complicating pregnancy, childbirth, or the puerperium | Exclusion | 9 | 0 |
| 64880 | Abnormal glucose tolerance of mother, unspecified as to episode of care or not applicable | Exclusion | 9 | 1 |
| 64881 | Abnormal glucose tolerance of mother, delivered, with or without mention of antepartum condition | Exclusion | 9 | 1 |
| 64882 | Abnormal glucose tolerance of mother, delivered, with mention of postpartum complication | Exclusion | 9 | 1 |
| 64883 | Abnormal glucose tolerance of mother, antepartum condition or complication | Exclusion | 9 | 1 |
| 64884 | Abnormal glucose tolerance of mother, postpartum condition or complication | Exclusion | 9 | 1 |
| 9620 | Poisoning by adrenal cortical steroids | Exclusion | 9 | 1 |
| E08 | Diabetes mellitus due to underlying condition | Exclusion | 10 | 0 |
| E080 | Diabetes mellitus due to underlying condition with hyperosmolarity | Exclusion | 10 | 0 |
| E0800 | Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC) | Exclusion | 10 | 1 |
| E0801 | Diabetes mellitus due to underlying condition with hyperosmolarity with coma | Exclusion | 10 | 1 |
| E081 | Diabetes mellitus due to underlying condition with ketoacidosis | Exclusion | 10 | 0 |
| E0810 | Diabetes mellitus due to underlying condition with ketoacidosis without coma | Exclusion | 10 | 1 |
| E0811 | Diabetes mellitus due to underlying condition with ketoacidosis with coma | Exclusion | 10 | 1 |
| E082 | Diabetes mellitus due to underlying condition with kidney complications | Exclusion | 10 | 0 |
| E0821 | Diabetes mellitus due to underlying condition with diabetic nephropathy | Exclusion | 10 | 1 |
| E0822 | Diabetes mellitus due to underlying condition with diabetic chronic kidney disease | Exclusion | 10 | 1 |
| E0829 | Diabetes mellitus due to underlying condition with other diabetic kidney complication | Exclusion | 10 | 1 |
| E083 | Diabetes mellitus due to underlying condition with ophthalmic complications | Exclusion | 10 | 0 |
| E0831 | Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy | Exclusion | 10 | 0 |
| E08311 | Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema | Exclusion | 10 | 1 |
| E08319 | Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema | Exclusion | 10 | 1 |
| E0832 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy | Exclusion | 10 | 0 |
| E08321 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema | Exclusion | 10 | 1 |
| E08329 | Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema | Exclusion | 10 | 1 |
| E0833 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy | Exclusion | 10 | 0 |
| E08331 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema | Exclusion | 10 | 1 |
| E08339 | Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema | Exclusion | 10 | 1 |
| E0834 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy | Exclusion | 10 | 0 |

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|--------|---|-----------|----|---|
| E08341 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema | Exclusion | 10 | 1 |
| E08349 | Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema | Exclusion | 10 | 1 |
| E0835 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy | Exclusion | 10 | 0 |
| E08351 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema | Exclusion | 10 | 1 |
| E08359 | Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema | Exclusion | 10 | 1 |
| E0836 | Diabetes mellitus due to underlying condition with diabetic cataract | Exclusion | 10 | 1 |
| E0839 | Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication | Exclusion | 10 | 1 |
| E084 | Diabetes mellitus due to underlying condition with neurological complications | Exclusion | 10 | 0 |
| E0840 | Diabetes mellitus due to underlying condition with diabetic neuropathy, unspecified | Exclusion | 10 | 1 |
| E0841 | Diabetes mellitus due to underlying condition with diabetic mononeuropathy | Exclusion | 10 | 1 |
| E0842 | Diabetes mellitus due to underlying condition with diabetic polyneuropathy | Exclusion | 10 | 1 |
| E0843 | Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy | Exclusion | 10 | 1 |
| E0844 | Diabetes mellitus due to underlying condition with diabetic amyotrophy | Exclusion | 10 | 1 |
| E0849 | Diabetes mellitus due to underlying condition with other diabetic neurological complication | Exclusion | 10 | 1 |
| E085 | Diabetes mellitus due to underlying condition with circulatory complications | Exclusion | 10 | 0 |
| E0851 | Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene | Exclusion | 10 | 1 |
| E0852 | Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene | Exclusion | 10 | 1 |
| E0859 | Diabetes mellitus due to underlying condition with other circulatory complications | Exclusion | 10 | 1 |
| E086 | Diabetes mellitus due to underlying condition with other specified complications | Exclusion | 10 | 0 |
| E0861 | Diabetes mellitus due to underlying condition with diabetic arthropathy | Exclusion | 10 | 0 |
| E08610 | Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy | Exclusion | 10 | 1 |
| E08618 | Diabetes mellitus due to underlying condition with other diabetic arthropathy | Exclusion | 10 | 1 |
| E0862 | Diabetes mellitus due to underlying condition with skin complications | Exclusion | 10 | 0 |
| E08620 | Diabetes mellitus due to underlying condition with diabetic dermatitis | Exclusion | 10 | 1 |
| E08621 | Diabetes mellitus due to underlying condition with foot ulcer | Exclusion | 10 | 1 |
| E08622 | Diabetes mellitus due to underlying condition with other skin ulcer | Exclusion | 10 | 1 |
| E08628 | Diabetes mellitus due to underlying condition with other skin complications | Exclusion | 10 | 1 |
| E0863 | Diabetes mellitus due to underlying condition with oral complications | Exclusion | 10 | 0 |
| E08630 | Diabetes mellitus due to underlying condition with periodontal disease | Exclusion | 10 | 1 |
| E08638 | Diabetes mellitus due to underlying condition with other oral complications | Exclusion | 10 | 1 |

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| | | | | |
|--------|--|-----------|----|---|
| E0864 | Diabetes mellitus due to underlying condition with hypoglycemia | Exclusion | 10 | 0 |
| E08641 | Diabetes mellitus due to underlying condition with hypoglycemia with coma | Exclusion | 10 | 1 |
| E08649 | Diabetes mellitus due to underlying condition with hypoglycemia without coma | Exclusion | 10 | 1 |
| E0865 | Diabetes mellitus due to underlying condition with hyperglycemia | Exclusion | 10 | 1 |
| E0869 | Diabetes mellitus due to underlying condition with other specified complication | Exclusion | 10 | 1 |
| E088 | Diabetes mellitus due to underlying condition with unspecified complications | Exclusion | 10 | 1 |
| E089 | Diabetes mellitus due to underlying condition without complications | Exclusion | 10 | 1 |
| E09 | Drug or chemical induced diabetes mellitus | Exclusion | 10 | 0 |
| E090 | Drug or chemical induced diabetes mellitus with hyperosmolarity | Exclusion | 10 | 0 |
| E0900 | Drug or chemical induced diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC) | Exclusion | 10 | 1 |
| E0901 | Drug or chemical induced diabetes mellitus with hyperosmolarity with coma | Exclusion | 10 | 1 |
| E091 | Drug or chemical induced diabetes mellitus with ketoacidosis | Exclusion | 10 | 0 |
| E0910 | Drug or chemical induced diabetes mellitus with ketoacidosis without coma | Exclusion | 10 | 1 |
| E0911 | Drug or chemical induced diabetes mellitus with ketoacidosis with coma | Exclusion | 10 | 1 |
| E092 | Drug or chemical induced diabetes mellitus with kidney complications | Exclusion | 10 | 0 |
| E0921 | Drug or chemical induced diabetes mellitus with diabetic nephropathy | Exclusion | 10 | 1 |
| E0922 | Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease | Exclusion | 10 | 1 |
| E0929 | Drug or chemical induced diabetes mellitus with other diabetic kidney complication | Exclusion | 10 | 1 |
| E093 | Drug or chemical induced diabetes mellitus with ophthalmic complications | Exclusion | 10 | 0 |
| E0931 | Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy | Exclusion | 10 | 0 |
| E09311 | Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema | Exclusion | 10 | 1 |
| E09319 | Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema | Exclusion | 10 | 1 |
| E0932 | Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy | Exclusion | 10 | 0 |
| E09321 | Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema | Exclusion | 10 | 1 |
| E09329 | Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema | Exclusion | 10 | 1 |
| E0933 | Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy | Exclusion | 10 | 0 |
| E09331 | Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema | Exclusion | 10 | 1 |
| E09339 | Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema | Exclusion | 10 | 1 |
| E0934 | Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy | Exclusion | 10 | 0 |
| E09341 | Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema | Exclusion | 10 | 1 |
| E09349 | Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema | Exclusion | 10 | 1 |

| | | | | |
|--------|--|-----------|----|---|
| E0935 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy | Exclusion | 10 | 0 |
| E09351 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema | Exclusion | 10 | 1 |
| E09359 | Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema | Exclusion | 10 | 1 |
| E0936 | Drug or chemical induced diabetes mellitus with diabetic cataract | Exclusion | 10 | 1 |
| E0939 | Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication | Exclusion | 10 | 1 |
| E094 | Drug or chemical induced diabetes mellitus with neurological complications | Exclusion | 10 | 0 |
| E0940 | Drug or chemical induced diabetes mellitus with neurological complications with diabetic neuropathy, unspecified | Exclusion | 10 | 1 |
| E0941 | Drug or chemical induced diabetes mellitus with neurological complications with diabetic mononeuropathy | Exclusion | 10 | 1 |
| E0942 | Drug or chemical induced diabetes mellitus with neurological complications with diabetic polyneuropathy | Exclusion | 10 | 1 |
| E0943 | Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy | Exclusion | 10 | 1 |
| E0944 | Drug or chemical induced diabetes mellitus with neurological complications with diabetic amyotrophy | Exclusion | 10 | 1 |
| E0949 | Drug or chemical induced diabetes mellitus with neurological complications with other diabetic neurological complication | Exclusion | 10 | 1 |
| E095 | Drug or chemical induced diabetes mellitus with circulatory complications | Exclusion | 10 | 0 |
| E0951 | Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene | Exclusion | 10 | 1 |
| E0952 | Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene | Exclusion | 10 | 1 |
| E0959 | Drug or chemical induced diabetes mellitus with other circulatory complications | Exclusion | 10 | 1 |
| E096 | Drug or chemical induced diabetes mellitus with other specified complications | Exclusion | 10 | 0 |
| E0961 | Drug or chemical induced diabetes mellitus with diabetic arthropathy | Exclusion | 10 | 0 |
| E09610 | Drug or chemical induced diabetes mellitus with diabetic neuropathic arthropathy | Exclusion | 10 | 1 |
| E09618 | Drug or chemical induced diabetes mellitus with other diabetic arthropathy | Exclusion | 10 | 1 |
| E0962 | Drug or chemical induced diabetes mellitus with skin complications | Exclusion | 10 | 0 |
| E09620 | Drug or chemical induced diabetes mellitus with diabetic dermatitis | Exclusion | 10 | 1 |
| E09621 | Drug or chemical induced diabetes mellitus with foot ulcer | Exclusion | 10 | 1 |
| E09622 | Drug or chemical induced diabetes mellitus with other skin ulcer | Exclusion | 10 | 1 |
| E09628 | Drug or chemical induced diabetes mellitus with other skin complications | Exclusion | 10 | 1 |
| E0963 | Drug or chemical induced diabetes mellitus with oral complications | Exclusion | 10 | 0 |
| E09630 | Drug or chemical induced diabetes mellitus with periodontal disease | Exclusion | 10 | 1 |
| E09638 | Drug or chemical induced diabetes mellitus with other oral complications | Exclusion | 10 | 1 |
| E0964 | Drug or chemical induced diabetes mellitus with hypoglycemia | Exclusion | 10 | 0 |
| E09641 | Drug or chemical induced diabetes mellitus with hypoglycemia with coma | Exclusion | 10 | 1 |
| E09649 | Drug or chemical induced diabetes mellitus with hypoglycemia without coma | Exclusion | 10 | 1 |
| E0965 | Drug or chemical induced diabetes mellitus with hyperglycemia | Exclusion | 10 | 1 |

| | | | | |
|--------|--|-----------|----|---|
| E0969 | Drug or chemical induced diabetes mellitus with other specified complication | Exclusion | 10 | 1 |
| E098 | Drug or chemical induced diabetes mellitus with unspecified complications | Exclusion | 10 | 1 |
| E099 | Drug or chemical induced diabetes mellitus without complications | Exclusion | 10 | 1 |
| O244 | Gestational diabetes mellitus | Exclusion | 10 | 0 |
| O2441 | Gestational diabetes mellitus in pregnancy | Exclusion | 10 | 0 |
| O24410 | Gestational diabetes mellitus in pregnancy, diet controlled | Exclusion | 10 | 1 |
| O24414 | Gestational diabetes mellitus in pregnancy, insulin controlled | Exclusion | 10 | 1 |
| O24419 | Gestational diabetes mellitus in pregnancy, unspecified control | Exclusion | 10 | 1 |
| O2442 | Gestational diabetes mellitus in childbirth | Exclusion | 10 | 0 |
| O24420 | Gestational diabetes mellitus in childbirth, diet controlled | Exclusion | 10 | 1 |
| O24424 | Gestational diabetes mellitus in childbirth, insulin controlled | Exclusion | 10 | 1 |
| O24429 | Gestational diabetes mellitus in childbirth, unspecified control | Exclusion | 10 | 1 |
| O2443 | Gestational diabetes mellitus in the puerperium | Exclusion | 10 | 0 |
| O24430 | Gestational diabetes mellitus in the puerperium, diet controlled | Exclusion | 10 | 1 |
| O24434 | Gestational diabetes mellitus in the puerperium, insulin controlled | Exclusion | 10 | 1 |
| O24439 | Gestational diabetes mellitus in the puerperium, unspecified control | Exclusion | 10 | 1 |
| O249 | Unspecified diabetes mellitus in pregnancy, childbirth and the puerperium | Exclusion | 10 | 0 |
| O2491 | Unspecified diabetes mellitus in pregnancy | Exclusion | 10 | 0 |
| O24911 | Unspecified diabetes mellitus in pregnancy, first trimester | Exclusion | 10 | 1 |
| O24912 | Unspecified diabetes mellitus in pregnancy, second trimester | Exclusion | 10 | 1 |
| O24913 | Unspecified diabetes mellitus in pregnancy, third trimester | Exclusion | 10 | 1 |
| O24919 | Unspecified diabetes mellitus in pregnancy, unspecified trimester | Exclusion | 10 | 1 |
| O2492 | Unspecified diabetes mellitus in childbirth | Exclusion | 10 | 1 |
| O2493 | Unspecified diabetes mellitus in the puerperium | Exclusion | 10 | 1 |

Table 7: Antidiabetic Medications (as of Jan., 2016)

| Antidiabetic Drugs | |
|-----------------------------|--------------------------------|
| Acarbose | Insulin Glulisine |
| Albiglutide | Insulin Lispro (Human) |
| Alogliptin Benzoate | Insulin Lispro Prot & Lispro |
| Alogliptin-Metformin HCl | Insulin NPH Human (Isophane) |
| Alogliptin-Pioglitazone | Insulin NPH Isophane & Regular |
| Bromocriptine Mesylate | Insulin Regular Human |
| Canagliflozin | Linagliptin |
| Canagliflozin-Metformin HCl | Linagliptin-Metformin HCl |
| ChlorproPAMIDE | Liraglutide |
| Dapagliflozin Propanediol | Mifepristone |
| Dapagliflozin-Metformin HCl | Miglitol |
| Dulaglutide | Nateglinide |
| Empagliflozin | Pioglitazone HCl |

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|------------------------------|--------------------------------|
| Empagliflozin-Linagliptin | Pioglitazone HCl-Glimepiride |
| Exenatide | Pioglitazone HCl-Metformin HCl |
| Glimepiride | Pramlintide Acetate |
| GlipiZIDE | Repaglinide |
| GlipiZIDE-MetFORMIN HCl | Rosiglitazone Maleate |
| GlyBURIDE | Rosiglitazone-Metformin |
| GlyBURIDE Micronized | Saxagliptin HCl |
| GlyBURIDE-MetFORMIN | Saxagliptin-Metformin |
| Insulin Aspart | SitaGLIPtin Phosphate |
| Insulin Aspart Prot & Aspart | SitaGLIPtin-MetFORMIN HCl |
| Insulin Detemir | Sitagliptin-Simvastatin |
| Insulin Glargine | |

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Table 8: Diagnosis codes for Schizophrenia

| Diagnosis code | Diagnosis label | ICD version | Diagnosis code | Diagnosis label | ICD version |
|----------------|---|-------------|----------------|--|-------------|
| 295 | Schizophrenic disorders | 9 | 2956 | Residual type schizophrenic disorders | 9 |
| 2950 | Simple type schizophrenia | 9 | 29560 | Schizophrenic disorders, residual type, unspecified | 9 |
| 29500 | Simple type schizophrenia, unspecified | 9 | 29561 | Schizophrenic disorders, residual type, subchronic | 9 |
| 29501 | Simple type schizophrenia, subchronic | 9 | 29562 | Schizophrenic disorders, residual type, chronic | 9 |
| 29502 | Simple type schizophrenia, chronic | 9 | 29563 | Schizophrenic disorders, residual type, subchronic with acute exacerbation | 9 |
| 29503 | Simple type schizophrenia, subchronic with acute exacerbation | 9 | 29564 | Schizophrenic disorders, residual type, chronic with acute exacerbation | 9 |
| 29504 | Simple type schizophrenia, chronic with acute exacerbation | 9 | 29565 | Schizophrenic disorders, residual type, in remission | 9 |
| 29505 | Simple type schizophrenia, in remission | 9 | 2957 | Schizoaffective disorder | 9 |
| 2951 | Disorganized type schizophrenia | 9 | 29570 | Schizoaffective disorder, unspecified | 9 |
| 29510 | Disorganized type schizophrenia, unspecified | 9 | 29571 | Schizoaffective disorder, subchronic | 9 |
| 29511 | Disorganized type schizophrenia, subchronic | 9 | 29572 | Schizoaffective disorder, chronic | 9 |
| 29512 | Disorganized type schizophrenia, chronic | 9 | 29573 | Schizoaffective disorder, subchronic with acute exacerbation | 9 |
| 29513 | Disorganized type schizophrenia, subchronic with acute exacerbation | 9 | 29574 | Schizoaffective disorder, chronic with acute exacerbation | 9 |
| 29514 | Disorganized type schizophrenia, chronic with acute exacerbation | 9 | 29575 | Schizoaffective disorder, in remission | 9 |
| 29515 | Disorganized type schizophrenia, in remission | 9 | 2958 | Other specified types of schizophrenia | 9 |
| 2952 | Catatonic type schizophrenia | 9 | 29580 | Other specified types of schizophrenia, unspecified | 9 |
| 29520 | Catatonic type schizophrenia, unspecified | 9 | 29581 | Other specified types of schizophrenia, subchronic | 9 |
| 29521 | Catatonic type schizophrenia, subchronic | 9 | 29582 | Other specified types of schizophrenia, chronic | 9 |
| 29522 | Catatonic type schizophrenia, chronic | 9 | 29583 | Other specified types of schizophrenia, subchronic with acute exacerbation | 9 |
| 29523 | Catatonic type schizophrenia, subchronic with acute exacerbation | 9 | 29584 | Other specified types of schizophrenia, chronic with acute exacerbation | 9 |

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|-------|---|---|-------|---|----|
| 29524 | Catatonic type schizophrenia, chronic with acute exacerbation | 9 | 29585 | Other specified types of schizophrenia, in remission | 9 |
| 29525 | Catatonic type schizophrenia, in remission | 9 | 2959 | Unspecified schizophrenia | 9 |
| 2953 | Paranoid type schizophrenia | 9 | 29590 | Unspecified schizophrenia, unspecified | 9 |
| 29530 | Paranoid type schizophrenia, unspecified | 9 | 29591 | Unspecified schizophrenia, subchronic | 9 |
| 29531 | Paranoid type schizophrenia, subchronic | 9 | 29592 | Unspecified schizophrenia, chronic | 9 |
| 29532 | Paranoid type schizophrenia, chronic | 9 | 29593 | Unspecified schizophrenia, subchronic with acute exacerbation | 9 |
| 29533 | Paranoid type schizophrenia, subchronic with acute exacerbation | 9 | 29594 | Unspecified schizophrenia, chronic with acute exacerbation | 9 |
| 29534 | Paranoid type schizophrenia, chronic with acute exacerbation | 9 | 29595 | Unspecified schizophrenia, in remission | 9 |
| 29535 | Paranoid type schizophrenia, in remission | 9 | F20 | Schizophrenia | 10 |
| 2954 | Schizophreniform disorder | 9 | F200 | Paranoid schizophrenia | 10 |
| 29540 | Schizophreniform disorder, unspecified | 9 | F201 | Disorganized schizophrenia | 10 |
| 29541 | Schizophreniform disorder, subchronic | 9 | F202 | Catatonic schizophrenia | 10 |
| 29542 | Schizophreniform disorder, chronic | 9 | F203 | Undifferentiated schizophrenia | 10 |
| 29543 | Schizophreniform disorder, subchronic with acute exacerbation | 9 | F205 | Residual schizophrenia | 10 |
| 29544 | Schizophreniform disorder, chronic with acute exacerbation | 9 | F208 | Other schizophrenia | 10 |
| 29545 | Schizophreniform disorder, in remission | 9 | F2081 | Schizophreniform disorder | 10 |
| 2955 | Latent schizophrenia | 9 | F2089 | Other schizophrenia | 10 |
| 29550 | Latent schizophrenia, unspecified | 9 | F209 | Schizophrenia, unspecified | 10 |
| 29551 | Latent schizophrenia, subchronic | 9 | F250 | Schizoaffective disorder, bipolar type | 10 |
| 29552 | Latent schizophrenia, chronic | 9 | F251 | Schizoaffective disorder, depressive type | 10 |
| 29553 | Latent schizophrenia, subchronic with acute exacerbation | 9 | F258 | Other schizoaffective disorders | 10 |
| 29554 | Latent schizophrenia, chronic with acute exacerbation | 9 | F259 | Schizoaffective disorder, unspecified | 10 |
| 29555 | Latent schizophrenia, in remission | 9 | | | |

Table 9: Diagnosis codes for Bipolar

| Diagnosis code | Diagnosis label | ICD version | Diagnosis code | Diagnosis label | ICD version |
|----------------|--|-------------|----------------|---|-------------|
| 296 | Episodic mood disorders | 9 | F301 | Manic episode without psychotic symptoms | 10 |
| 2960 | Bipolar i disorder, single manic episode | 9 | F3010 | Manic episode without psychotic symptoms, unspecified | 10 |
| 29600 | Bipolar I disorder, single manic episode, unspecified | 9 | F3011 | Manic episode without psychotic symptoms, mild | 10 |
| 29601 | Bipolar I disorder, single manic episode, mild | 9 | F3012 | Manic episode without psychotic symptoms, moderate | 10 |
| 29602 | Bipolar I disorder, single manic episode, moderate | 9 | F3013 | Manic episode, severe, without psychotic symptoms | 10 |
| 29603 | Bipolar I disorder, single manic episode, severe, without mention of psychotic behavior | 9 | F302 | Manic episode, severe with psychotic symptoms | 10 |
| 29604 | Bipolar I disorder, single manic episode, severe, specified as with psychotic behavior | 9 | F303 | Manic episode in partial remission | 10 |
| 29605 | Bipolar I disorder, single manic episode, in partial or unspecified remission | 9 | F304 | Manic episode in full remission | 10 |
| 29606 | Bipolar I disorder, single manic episode, in full remission | 9 | F308 | Other manic episodes | 10 |
| 2961 | Manic disorder, recurrent episode | 9 | F309 | Manic episode, unspecified | 10 |
| 29610 | Manic affective disorder, recurrent episode, unspecified | 9 | F31 | Bipolar disorder | 10 |
| 29611 | Manic affective disorder, recurrent episode, mild | 9 | F310 | Bipolar disorder, current episode hypomanic | 10 |
| 29612 | Manic affective disorder, recurrent episode, moderate | 9 | F311 | Bipolar disorder, current episode manic without psychotic features | 10 |
| 29613 | Manic affective disorder, recurrent episode, severe, without mention of psychotic behavior | 9 | F3110 | Bipolar disorder, current episode manic without psychotic features, unspecified | 10 |
| 29614 | Manic affective disorder, recurrent episode, severe, specified as with psychotic behavior | 9 | F3111 | Bipolar disorder, current episode manic without psychotic features, mild | 10 |
| 29615 | Manic affective disorder, recurrent episode, in partial or unspecified remission | 9 | F3112 | Bipolar disorder, current episode manic without psychotic features, moderate | 10 |
| 29616 | Manic affective disorder, recurrent episode, in full remission | 9 | F3113 | Bipolar disorder, current episode manic without psychotic features, severe | 10 |
| 2964 | Bipolar i disorder, most recent episode (or current) manic | 9 | F312 | Bipolar disorder, current episode manic severe with psychotic features | 10 |

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|-------|---|---|-------|---|----|
| 29640 | Bipolar I disorder, most recent episode (or current) manic, unspecified | 9 | F313 | Bipolar disorder, current episode depressed, mild or moderate severity | 10 |
| 29641 | Bipolar I disorder, most recent episode (or current) manic, mild | 9 | F3130 | Bipolar disorder, current episode depressed, mild or moderate severity, unspecified | 10 |
| 29642 | Bipolar I disorder, most recent episode (or current) manic, moderate | 9 | F3131 | Bipolar disorder, current episode depressed, mild | 10 |
| 29643 | Bipolar I disorder, most recent episode (or current) manic, severe, without mention of psychotic behavior | 9 | F3132 | Bipolar disorder, current episode depressed, moderate | 10 |
| 29644 | Bipolar I disorder, most recent episode (or current) manic, severe, specified as with psychotic behavior | 9 | F314 | Bipolar disorder, current episode depressed, severe, without psychotic features | 10 |
| 29645 | Bipolar I disorder, most recent episode (or current) manic, in partial or unspecified remission | 9 | F315 | Bipolar disorder, current episode depressed, severe, with psychotic features | 10 |
| 29646 | Bipolar I disorder, most recent episode (or current) manic, in full remission | 9 | F3160 | Bipolar disorder, current episode mixed, unspecified | 10 |
| 2965 | Bipolar I disorder, most recent episode (or current) depressed | 9 | F3161 | Bipolar disorder, current episode mixed, mild | 10 |
| 29650 | Bipolar I disorder, most recent episode (or current) depressed, unspecified | 9 | F3162 | Bipolar disorder, current episode mixed, moderate | 10 |
| 29651 | Bipolar I disorder, most recent episode (or current) depressed, mild | 9 | F3163 | Bipolar disorder, current episode mixed, severe, without psychotic features | 10 |
| 29652 | Bipolar I disorder, most recent episode (or current) depressed, moderate | 9 | F3164 | Bipolar disorder, current episode mixed, severe, with psychotic features | 10 |
| 29653 | Bipolar I disorder, most recent episode (or current) depressed, severe, without mention of psychotic behavior | 9 | F317 | Bipolar disorder, currently in remission | 10 |
| 29654 | Bipolar I disorder, most recent episode (or current) depressed, severe, specified as with psychotic behavior | 9 | F3170 | Bipolar disorder, currently in remission, most recent episode unspecified | 10 |
| 29655 | Bipolar I disorder, most recent episode (or current) depressed, in partial or unspecified remission | 9 | F3171 | Bipolar disorder, in partial remission, most recent episode hypomanic | 10 |
| 29656 | Bipolar I disorder, most recent episode (or current) depressed, in full remission | 9 | F3172 | Bipolar disorder, in full remission, most recent episode hypomanic | 10 |
| 2966 | Bipolar I disorder, most recent episode (or current) mixed | 9 | F3173 | Bipolar disorder, in partial remission, most recent episode manic | 10 |

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|-------|---|----|-------|---|----|
| 29660 | Bipolar I disorder, most recent episode (or current) mixed, unspecified | 9 | F3174 | Bipolar disorder, in full remission, most recent episode manic | 10 |
| 29661 | Bipolar I disorder, most recent episode (or current) mixed, mild | 9 | F3175 | Bipolar disorder, in partial remission, most recent episode depressed | 10 |
| 29662 | Bipolar I disorder, most recent episode (or current) mixed, moderate | 9 | F3176 | Bipolar disorder, in full remission, most recent episode depressed | 10 |
| 29663 | Bipolar I disorder, most recent episode (or current) mixed, severe, without mention of psychotic behavior | 9 | F3177 | Bipolar disorder, in partial remission, most recent episode mixed | 10 |
| 29664 | Bipolar I disorder, most recent episode (or current) mixed, severe, specified as with psychotic behavior | 9 | F3178 | Bipolar disorder, in full remission, most recent episode mixed | 10 |
| 29665 | Bipolar I disorder, most recent episode (or current) mixed, in partial or unspecified remission | 9 | F318 | Other bipolar disorders | 10 |
| 29666 | Bipolar I disorder, most recent episode (or current) mixed, in full remission | 9 | F3181 | Bipolar II disorder | 10 |
| 2967 | Bipolar I disorder, most recent episode (or current) unspecified | 9 | F3189 | Other bipolar disorder | 10 |
| F30 | Manic episode | 10 | F319 | Bipolar disorder, unspecified | 10 |

Table 10: Diagnosis codes for Depression

| Diagnosis code | Diagnosis label | ICD version |
|----------------|---|-------------|
| 29620 | Major depressive affective disorder, single episode, unspecified | 9 |
| 29621 | Major depressive affective disorder, single episode, mild | 9 |
| 29622 | Major depressive affective disorder, single episode, moderate | 9 |
| 29623 | Major depressive affective disorder, single episode, severe, without mention of psychotic behavior | 9 |
| 29624 | Major depressive affective disorder, single episode, severe, specified as with psychotic behavior | 9 |
| 29630 | Major depressive affective disorder, recurrent episode, unspecified | 9 |
| 29631 | Major depressive affective disorder, recurrent episode, mild | 9 |
| 29632 | Major depressive affective disorder, recurrent episode, moderate | 9 |
| 29633 | Major depressive affective disorder, recurrent episode, severe, without mention of psychotic behavior | 9 |
| 29634 | Major depressive affective disorder, recurrent episode, severe, specified as with psychotic behavior | 9 |
| 29635 | Major depressive affective disorder, recurrent episode, in partial or unspecified remission | 9 |

QARR Indicators Technical Specifications

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| 29625 | Major depressive affective disorder, single episode, in partial or unspecified remission | 9 |
| 2980 | Depressive type psychosis | 9 |
| 311 | Depressive disorder, not elsewhere classified | 9 |
| F32 | Major depressive disorder, single episode | 10 |
| F320 | Major depressive disorder, single episode, mild | 10 |
| F321 | Major depressive disorder, single episode, moderate | 10 |
| F322 | Major depressive disorder, single episode, severe without psychotic features | 10 |
| F323 | Major depressive disorder, single episode, severe with psychotic features | 10 |
| F324 | Major depressive disorder, single episode, in partial remission | 10 |
| F325 | Major depressive disorder, single episode, in full remission | 10 |
| F328 | Other depressive episodes | 10 |
| F329 | Major depressive disorder, single episode, unspecified | 10 |
| F33 | Major depressive disorder, recurrent | 10 |
| F330 | Major depressive disorder, recurrent, mild | 10 |
| F331 | Major depressive disorder, recurrent, moderate | 10 |
| F332 | Major depressive disorder, recurrent severe without psychotic features | 10 |
| F333 | Major depressive disorder, recurrent, severe with psychotic symptoms | 10 |
| F334 | Major depressive disorder, recurrent, in remission | 10 |
| F3340 | Major depressive disorder, recurrent, in remission, unspecified | 10 |
| F3341 | Major depressive disorder, recurrent, in partial remission | 10 |
| F3342 | Major depressive disorder, recurrent, in full remission | 10 |
| F338 | Other recurrent depressive disorders | 10 |
| F339 | Major depressive disorder, recurrent, unspecified | 10 |