

Diabetes Monitoring for People with Diabetes and Schizophrenia (SMD)

Patient Profile

The percentage of members 18-64 years of age with schizophrenia or schizoaffective disorder and diabetes who had both an LDL-C test and HbA1c test during the measurement year.

Measure Details

Applies to Medicaid members only. **To meet this measure the member must have a diagnosis of schizophrenia or schizoaffective disorder and diabetes during the measurement year.** Exclusion criteria: members in hospice or members with gestational diabetes, steroid induced diabetes, or no history of diabetes.

How to Implement Best Practices and Improve Performance

- Consider working with your EMR vendor to see how your records can be flagged or if your EMR can produce reports on your patient population that needs routine monitoring done, for example, HbA1c or LDL-C.
- When patients are set up for their first visit of the year, have them do lab testing prior to their appointment. Explain to patient the benefit of having results to discuss at the appointment. By starting this early in the year, you should be able to get your patient population tested before end of the measurement year.
- If the patient tells you they had previous lab work, tell them you need a copy for your records. Have them sign a release of information prior to leaving the office. This way you can facilitate getting the results from the other provider and keep your records up-to-date with other provider information as well as the completed labs.
- Patients with diabetes may be doing daily finger stick monitoring and not understand why they need additional testing. Provide education that this test is more sensitive, giving the doctor an overall picture of what the average blood sugar levels have been over a period of time. Explain that the higher the HbA1c, the greater the risk of developing diabetes-related complications. For the LDL-C test, patients may need to understand that this blood test checks a type of cholesterol level of a patient giving the doctor an idea of a patient's potential risk of developing heart disease if the level is elevated.

Information related to all 2019 HEDIS measures has been extracted from the NCQA 2019 HEDIS Technical Specifications Volume 2.

Diabetes Medication Table

Alpha-glucosidase Inhibitors	Acarbose	Miglitol	
Amylin Analogs	Pramlintide		
Antidiabetic Combinations	Alogliptin-metformin Empagliflozin-linagliptin Glipizide-metformin Metformin-pioglitazone Metformin-saxagliptin	Alogliptin-pioglitazone Empagliflozin-metformin Glyburide-metformin Metformin-repaglinide Metformin-sitagliptin	Canagliflozin-metformin Glimepiride-pioglitazone Linagliptin-metformin Metformin-rosiglitazone Sitagliptin-simvastatin

Diabetes Medication Table continued.

Insulin	Insulin aspart insulin degludec insulin glargine Insulin isophane human Insulin lispro Insulin regular human	Insulin aspart-insulin aspart protamine insulin detemir Insuline glulisine insuline isophane-insulin regular Insulin isophane-insulin lispro protamine Insulin human inhaled	
Meglitinides	Nateglinide	Repaglinide	
Glucagon-like Peptide-1 (GLP1) Agonists	Albiglutide Liraglutide	Dulaglutide	Exenatide
Sodium Glucose Cotransporter 2 (SGLT2) Inhibitor	Canagliflozin	Dapagliflozin	Empagliflozin
Sulfonylureas	Chlorpropamide Glyburide	Glimepiride Tolazamide	Glipizide Tolbutamide
Thiazolidinediones	Pioglitazone	Rosiglitazone	
Dipeptidyl Peptidase-4 (DDP-4) Inhibitors	Alogliptin Sitagliptin	Linagliptin	Saxagliptin

Billing Codes

CPT Codes

There are two steps to identify the eligible population.

Step 1:

Identify members with schizophrenia or schizoaffective disorder as those who met at least one of the following criteria during the measurement year:

- At least one acute inpatient encounter with any diagnosis of schizophrenia or schizoaffective disorder. Either of the following code combinations meets criteria: BH Stand Alone Acute Inpatient value set (see UB Rev Codes) with Schizophrenia value set (see ICD-10 codes) or Visit Setting Unspecified value set codes (90791, 90792, 90832–90834, 90840, 90845, 90847, 90849, 90853, 90875, 90876, 99221–99223, 99231–99233, 99238, 99239, 99251–99255) with Acute Inpatient POS value set (21, 51) with Schizophrenia value set (see ICD-10 codes). Or met at least two visits in an outpatient, intensive outpatient, partial hospitalization, ED or Nonacute inpatient setting, on different dates of service, with any diagnosis of schizophrenia or schizoaffective disorder.
- Two of any of the following, with or without a telehealth modifier (95, GT) meets criteria:
 - An outpatient visit with any diagnosis of schizophrenia or schizoaffective disorder (see visit setting unspecified value set code above) with outpatient POS value set codes (03, 05, 07, 09, 11-20, 22, 33, 49, 50, 71, 72) with schizophrenia value set codes (see ICD-10 codes).

- An outpatient visit with any diagnosis of schizophrenia or schizoaffective disorder using the BH outpatient value set CPT codes (98960–98962, 99078, 99201–99205, 99211–99215, 99241–99245, 99341–99345, 99347–99350, 99381–99387, 99391–99397, 99401–99404, 99411–99412, 99483, 99510) (see HCPCS and UB Rev codes) with Schizophrenia value set ICD-10 codes.
- An intensive outpatient encounter or partial hospitalization with any diagnosis of schizophrenia or schizoaffective disorder (use the visit setting unspecified value set codes as noted above) with the Partial Hospitalization POS Value Set codes (52) with the Schizophrenia value set ICD-10 codes.
- An intensive outpatient encounter or partial hospitalization with any diagnosis of schizophrenia or schizoaffective disorder using Partial Hospitalization/Intensive Outpatient value set codes (see HCPCS and UB Rev Codes) with Schizophrenia value set ICD-10 codes.

For a Community Mental Health Center visit with any diagnosis of schizophrenia or schizoaffective disorder, use the visit setting unspecified CPT codes (see above) with the Community Mental Health Center POS value set code (53) with the Schizophrenia ICD-10 value set codes.

For Electroconvulsive Therapy, use the Electroconvulsive Therapy value set code (90870) with the appropriate ICD-10 and UB Rev codes.

For an Observation visit, use the Observation value set codes (99217-99220) with any diagnosis of schizophrenia or schizoaffective disorder (see the ICD-10 codes for schizophrenia).

For an ED visit use the ED value set codes (99281-99285) with any diagnosis of schizophrenia or schizoaffective disorder codes (see the ICD-10 codes for schizophrenia).

For an ED visit with any diagnosis of schizophrenia or schizoaffective disorder, use the Visit Setting Unspecified value set codes (see codes above) with the ED POS value set code (23) with the ICD-10 Schizophrenia codes.

For a Nonacute Inpatient Encounter, use the BH Stand Alone Nonacute Inpatient value set codes (99304-99310, 99315-99316, 99318, 99324-99328, 99334-99337) with the appropriate HCPCS and UB Rev codes with any diagnosis of schizophrenia or schizoaffective disorder using the schizophrenia ICD-10 codes.

A Nonacute Inpatient Encounter with any diagnosis of schizophrenia or schizoaffective disorder using the Visit Setting Unspecified Value Set codes (see above) with Nonacute Inpatient POS value set codes (31, 32, 56) with the ICD-10 Schizophrenia value set codes.

A telehealth visit with any diagnosis of schizophrenia or schizoaffective disorder using the Visit Setting Unspecified value set codes (see above) with the Telehealth POS value set code (02) with the ICD-10 Schizophrenia value set codes.

Step 2:

After identifying members from Step 1 who also have diabetes (see ICD-10 codes for diabetes codes), there are two ways to identify members with diabetes either by claim/encounter data and by pharmacy data. To be eligible, the organization must use both methods of identification.

For claim/encounter data members who met any of the following criteria during the measurement year or the year prior to the measurement year (count services that occur over both years):

- At least one Acute Inpatient Encounter using the Acute Inpatient value set codes (99221-99223, 99231-99233, 99238, 99239, 99251-99255, 99291) with the diagnosis of Diabetes (See ICD-10 codes) without Telehealth.
- At least two Outpatient visits using the Outpatient value set codes (99201-99205, 99211-99215, 99241-99245, 99341-99345, 99347-99350, 99381-99387, 99391-99397, 99401-99404, 99411-99412, 99429, 99455, 99456, 99483. (See HCPCS and UB Rev for further codes). For Observation visits, use the Observation value set Codes (99217-99220), ED visits use the ED Value Set Codes (99281-99285 with the appropriate UB Rev Codes), or Nonacute Encounters use the Nonacute Inpatient value set codes (see above under BH Stand Alone Nonacute Inpatient value set codes with the appropriate UB Rev Codes) with the ICD-10 Diabetes Codes. Note: only include nonacute inpatient encounters with the nonacute inpatient value set without telehealth.

After establishing the eligible population, the members pass the measure by having a HbA1c test and an LDL-C test.

HbA1c Test: 83036, 83037

LOINC codes for HbA1c Tests: 17856-6, 4548-4, 4549-2

CPT-CAT-II codes for HbA1c Tests: 3044F, 3045F, 3046F

LDL-C Tests: 80061, 83700, 83701, 83704, 83721

LDL-C LOINC codes: 12773-8, 13457-7, 18261-8, 18262-6, 49132-4, 55440-2

LDL-C CPT-CAT-II Codes: 3048F, 3049F, 3050F

ICD-10 Codes

Schizophrenia Codes: F20.0-F20.3, F20.5, F20.81, F20.89, F20.9, F25.0, F25.1, F25.8, F25.9

Electroconvulsive Therapy Codes: GZB0ZZZ, GZB1ZZZ, GZB2ZZZ, GZB3ZZZ, GZB4ZZZ

Diabetes Codes:

E10.10, E10.11, E10.21, E10.22, E10.29, E10.311, E10.319, E10.321, E10.3211, E10.3212, E10.3213, E10.3219, E10.329, E10.3291-E10.3293, E10.3299, E10.331, E10.3311-E10.3313, E10.3319, E10.339, E10.3391-E10.3393, E10.3399, E10.341, E10.3411-E10.3413, E10.3419, E10.349, E10.3491-E10.3493, E10.3499, E10.351, E10.3511-E10.3513, E10.3519, E10.3521-E10.3523, E10.3529, E10.3531-E10.3533, E10.3539, E10.3541-E10.3543, E10.3549, E10.3551-E10.3553, E10.3559, E10.359, E10.3591-E10.3593, E10.3599, E10.36, E10.37X1-E10.37X3, E10.37X9, E10.39, E10.40, E10.41, E10.42, E10.43, E10.44, E10.49, E10.51, E10.52, E10.59, E10.610, E10.618, E10.620, E10.621, E10.622, E10.628, E10.630, E10.638, E10.641, E10.649, E10.65, E10.69, E10.8, E10.9, E11.00, E11.01, E11.11, E11.21, E11.22, E11.29, E11.311, E11.319, E11.321, E11.3211-E11.3213, E11.3219, E11.329, E11.3291-E11.3293, E11.3299, E11.331, E11.3311-E11.3313, E11.3319, E11.339, E11.3391-E11.3393, E11.3399, E11.341, E11.3411-E11.3413, E11.3419, E11.349, E11.3491, E11.3492, E11.3493, E11.3499, E11.351, E11.3511-E11.3513, E11.3519-E11.3523, E11.3529, E11.3531-E11.3533, E11.3539, E11.3541-E11.3543, E11.3549, E11.3551-E11.3553, E11.3559, E11.359, E11.3591, E11.3592, E11.3593, E11.3599, E11.36, E11.37X1-E11.37X3, E11.37X9, E11.39, E11.40, E11.41, E11.42, E11.43, E11.44, E11.49, E11.51, E11.52, E11.59, E11.610, E11.618, E11.620, E11.621, E11.622, E11.628, E11.630, E11.638, E11.641, E11.649, E11.65, E11.69, E11.8, E11.9, E13.00, E13.01, E13.10, E13.11, E13.21, E13.22, E13.29, E13.311, E13.319, E13.321, E13.3211-E13.3213, E13.3219, E13.329, E13.3291-E13.3293, E13.3299, E13.331, E13.3311-E13.3313, E13.3319, E13.339, E13.3391-E13.3393, E13.3399, E13.341, E13.3411-E13.3413, E13.3419, E13.349, E13.3491-E13.3493, E13.3499, E13.351, E13.3511-E13.3513, E13.3519, E13.3521-E13.3523, E13.3529, E13.3531-E13.3533, E13.3539, E13.3541-E13.3543, E13.3549, E13.3551-E13.3553, E13.3559, E13.359, E13.3591, E13.3592, E13.3593, E13.3599, E13.36, E13.37X1-E13.37X3, E13.37X9, E13.39, E13.40, E13.41, E13.42, E13.43, E13.44, E13.49, E13.51, E13.52, E13.59, E13.610, E13.618, E13.620, E13.621, E13.622, E13.628, E13.630, E13.638, E13.641,

E13.649, E13.65, E13.69, E13.8, E13.9, O24.011, O24.012, O24.013, O24.019, O24.02, O24.03, O24.111, O24.112, O24.113, O24.119, O24.12, O24.13, O24.311, O24.312, O24.313, O24.319, O24.32, O24.33, O24.811, O24.812, O24.813, O24.819, O24.82, O24.83

HCPCS Codes

When coding Outpatient Visit with BH Outpatient value set codes, use G0155, G0176, G0177, G0409, G0463, H0002, H0004, H0031, H0034, H0036, H0037, H0039, H0040, H2000, H2010, H2011, H2013-H2020, M0064, T1015

For Intensive Outpatient Encounters or Partial Hospitalizations, use Partial Hospitalization/Intensives Outpatient value set codes: G0410, G0411, H0035, H2001, H2012, HS0201, S9480, S9484, S9485

For a Nonacute Inpatient Encounter, use the BH Stand Alone Nonacute Inpatient HCPCS codes: H0017-H0018, T2048

For Acute Inpatient Encounters, use the following: G0402, G0438, G0439, G0463, T1015

UB Revenue Codes

BH Stand Alone Acute Inpatient Value Set with the Schizophrenia ICD-10 value set codes (Note: use these UB Rev codes with the Acute Inpatient value set codes and Diabetes codes in Step 2): 0100, 0101, 0110-0114, 0119-0124, 0129-0134, 0139-0144, 0149-0154, 0159-0160, 0164, 0167, 0169, 0200-0204, 0206-0214, 0219, 0720-0724, 0729, 0987

For Outpatient Visit, use the BH Outpatient value set UB Rev codes: 0510, 0513, 0515-0517, 0519-0523, 0526-0529, 0900, 0902-0904, 0911, 0914-0917, 0919, 0982, 0983

For Intensive Outpatient Encounter or Partial Hospitalizations, use the Partial Hospitalization/Intensive Outpatient value set codes: 0905, 0907, 0912, 0913

For Electroconvulsive Therapy, use the following UB Rev code: 0901

For an ED Visit, use the following UB Rev codes: 0450-0452, 0456, 0459, 0981


For a Nonacute Inpatient Encounter, use the BH Stand Alone Nonacute Inpatient UB Rev codes: 0118, 0128, 0138, 0148, 0158, 0190-0194, 0199, 0524, 0525, 0550-0552, 0559, 0660-0663, 0669, 1000, 1001, 1003-1005


For Outpatient Encounter, use the following UB Rev codes: 0510-0517, 0519-0523, 0527-0529, 0982, 0983

Provider Contact Information


for MVP Health Care and Beacon Health Options, MVP's partner in managing mental health and substance use services for our members.

MVP Provider Customer Care

 **1-866-942-7966** (TTY: **1-800-662-1220**)
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 mvphealthcare.com

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