

Coding Reference Guide Measurement Year 2023

Metabolic Monitoring for Children and Adolescents on Antipsychotics (APM)



Measure Description

Children and adolescents one-17 years of age who had two or more antipsychotic medications (same or different medication) dispensed on different dates of service during 2023 and had metabolic testing during 2023.

Three rates are reported:

1. The percentage of children and adolescents on antipsychotics who received at least one test for blood glucose during 2023:
 - Glucose Test
 - HgbA1c Test
2. The percentage of children and adolescents on antipsychotics who received at least one test for cholesterol during 2023:
 - LDL-C
 - Cholesterol Test
3. The percentage of children and adolescents on antipsychotics who received both blood glucose and cholesterol testing during 2023 on the same or different dates of service:
 - Blood Glucose Testing (Glucose and/or HgbA1C)
 - Cholesterol (LDL-C and/or Cholesterol)

Antipsychotic Medications

| | |
|------------------------------------|---|
| Miscellaneous antipsychotic agents | Aripiprazole, Asenapine, Brexpiprazole, Cariprazine, Clozapine, Haloperidol, Iloperidone, Loxapine, Lurasidone, Molindone, Olanzapine, Paliperidone, Pimozide, Quetiapine, Risperidone, Ziprasidone |
| Phenothiazine antipsychotics | Chlorpromazine, Fluphenazine, Perphenazine, Thioridazine, Trifluoperazine |
| Thioxanthenes | Thiothixene |
| Long-acting injections | Aripiprazole, Aripiprazole lauroxil, Fluphenazine decanoate, Haloperidol decanoate, Olanzapine, Paliperidone palmitate, Risperidone |
| Psychotherapeutic combinations | Fluoxetine-olanzapine, Perphenazine-amitriptyline |
| Phenothiazine antipsychotics | Prochlorperazin |

| Blood Glucose Testing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---------------|----------------|-----------|---------------------------|-----------|------------------------|-----------|---------------------------|-----------|----------------------------|-----------|------------------------------|-----------|------------------------------|-----------|----------------------------|-----------|----------------------------|-----------|------------------------------|-----------|----------------------|-----------|------------------------|-----------|--------------------------|-----------|-------------------------------|-----------|
| | <p>Glucose Lab Test</p> <p>CPT: 80047, 80048, 80050, 80053, 80069, 82947, 82950, 82951</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>LOINC: 10450-5, 1492-8, 1494-4, 1496-9, 1499-3, 1501-6, 1504-0, 1507-3, 1514-9, 1518-0, 1530-5, 1533-9, 1554-5, 1557-8, 1558-6, 17865-7, 20436-2, 20437-0, 20438-8, 20440-4, 26554-6, 41024-1, 49134-0, 6749-6, 9375-7</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>SNOMED: 22569008, 33747003, 52302001, 72191006, 73128004, 88856000, 104686004, 167086002, 167087006, 167088001, 167095005, 167096006, 167097002, 250417005, 271061004, 271062006, 271063001, 271064007, 271065008, 275810004, 302788006, 302789003, 308113006, 313474007, 313545000, 313546004, 313624000, 313626003, 313627007, 313628002, 313630000, 313631001, 313697000, 313698005, 313810002, 412928005, 440576000, 443780009, 444008003, 444127006</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>Add one of the following Finding Codes:</p> <table border="0"> <thead> <tr> <th>SNOMED</th> <th>Finding</th> </tr> </thead> <tbody> <tr> <td>166890005</td> <td>Random blood sugar normal</td> </tr> <tr> <td>166891009</td> <td>Random blood sugar low</td> </tr> <tr> <td>166892002</td> <td>Random blood sugar raised</td> </tr> <tr> <td>166914001</td> <td>Blood glucose 0-1.4 mmol/L</td> </tr> <tr> <td>166915000</td> <td>Blood glucose 1.5-2.4 mmol/L</td> </tr> <tr> <td>166916004</td> <td>Blood glucose 2.5-4.9 mmol/L</td> </tr> <tr> <td>166917008</td> <td>Blood glucose 5-6.9 mmol/L</td> </tr> <tr> <td>166918003</td> <td>Blood glucose 7-9.9 mmol/L</td> </tr> <tr> <td>166919006</td> <td>Blood glucose 10-13.9 mmol/L</td> </tr> <tr> <td>166921001</td> <td>Blood glucose normal</td> </tr> <tr> <td>166922008</td> <td>Blood glucose abnormal</td> </tr> <tr> <td>166923003</td> <td>Blood glucose 14+ mmol/L</td> </tr> <tr> <td>442545002</td> <td>Random blood glucose abnormal</td> </tr> <tr> <td>444780001</td> <td>Glucose in blood specimen above reference range</td> </tr> </tbody> </table> | SNOMED | Finding | 166890005 | Random blood sugar normal | 166891009 | Random blood sugar low | 166892002 | Random blood sugar raised | 166914001 | Blood glucose 0-1.4 mmol/L | 166915000 | Blood glucose 1.5-2.4 mmol/L | 166916004 | Blood glucose 2.5-4.9 mmol/L | 166917008 | Blood glucose 5-6.9 mmol/L | 166918003 | Blood glucose 7-9.9 mmol/L | 166919006 | Blood glucose 10-13.9 mmol/L | 166921001 | Blood glucose normal | 166922008 | Blood glucose abnormal | 166923003 | Blood glucose 14+ mmol/L | 442545002 | Random blood glucose abnormal | 444780001 |
| SNOMED | Finding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166890005 | Random blood sugar normal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166891009 | Random blood sugar low | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166892002 | Random blood sugar raised | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166914001 | Blood glucose 0-1.4 mmol/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166915000 | Blood glucose 1.5-2.4 mmol/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166916004 | Blood glucose 2.5-4.9 mmol/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166917008 | Blood glucose 5-6.9 mmol/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166918003 | Blood glucose 7-9.9 mmol/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166919006 | Blood glucose 10-13.9 mmol/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166921001 | Blood glucose normal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166922008 | Blood glucose abnormal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166923003 | Blood glucose 14+ mmol/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 442545002 | Random blood glucose abnormal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 444780001 | Glucose in blood specimen above reference range | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Glucose Test with Result/Finding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| HgbA1C Lab Test with Result/Finding | HgbA1C Lab Test |
| | CPT: 83036, 83037 |
| | LOINC: 17856-6, 4548-4, 4549-2, 96595-4 |
| | SNOMED: 43396009, 313835008 |
| | Add any of the following Result or Finding Codes: |
| | CPT-CAT-II Result |
| | 3044F < 7.0% |
| | 3046F > 9.0% |
| | 3051F ≥7.0% and <8.0% |
| | 3052F ≥8.0% and ≤9.0% |
| | SNOMED Finding |
| | 165679005 < 7.0% Good Diabetic Control |
| | 451061000124104 > 9.0% Poor Diabetic Control |
| Cholesterol Testing | |
| LDL-C Lab Test with Result/Finding | LDL-C Lab Test |
| | CPT: 80061, 83700, 83701, 83704, 83721 |
| | LOINC: 12773-8, 13457-7, 18261-8, 18262-6, 2089-1, 49132-4, 55440-2, 96259-7 |
| | SNOMED: 113079009, 166833005, 166840006, 166841005, 167074000, 167075004, 314036004 |
| | Add one of the following Result Codes: |
| | CPT-CAT-II Result |
| | 3048F LDL-C <100mg/dL |
| | 3049F LDL-C 100-129mg/dL |
| | 3050F LDL-C ≥130mg/dL |

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|---|---|
| Cholesterol Test with Result/Finding | Cholesterol Lab Test |
| | CPT: 82465, 83718, 83722, 84478 |
| | LOINC: 2085-9, 2093-3, 2571-8, 3043-7, 9830-1 |
| | SNOMED: 14740000, 28036006, 77068002, 104583003, 104584009, 104586006, 104784006, 104990004, 104991000, 121868005, 166832000, 166838001, 166839009, 166849007, 166850007, 167072001, 167073006, 167082000, 167083005, 167084004, 271245006, 275972003, 314035000, 315017003, 390956002, 412808005, 412827004, 443915001 |
| Add one of the following Cholesterol Finding Codes | |
| SNOMED: 166830008, 166831007, 166848004, 259557002, 365793008, 365794002, 365795001, 365796000, 439953004, 442193004, 442234001, 442350007, 442480001, 707122004, 707123009, 67991000119104 | |
| The following will exclude Members from this measure: | |
| Hospice Encounter During 2023 | HCPCS: G9473, G9474, G9475, G9476, G9477, G9478, G9479, Q5003, Q5004, Q5005, Q5006, Q5007, Q5008, Q5010, S9126, T2042, T2043, T2044, T2045, T2046 |
| | SNOMED: 183919006, 183920000, 183921001, 305336008, 305911006, 385765002 |
| | UBREV: 0115, 0125, 0135, 0145, 0155, 0235, 0650, 0651, 0652, 0655, 0656, 0657, 0658, 0659 |
| Hospice Intervention During 2023 | CPT: 99377, 99378 |
| | HCPCS: G0182 |
| | SNOMED: 170935008, 170936009, 385763009 |
| Patients who died any time during 2023 | |

Tips and Best Practices to Help Improve Performance

- Ensure that patients who take antipsychotic medications receive yearly testing for blood glucose and cholesterol
- Encourage billing staff to use CPT-CAT-II codes. CPT-CAT-II codes are intended to facilitate the collection of information about the quality of care delivered by coding specific services or test results that support performance measures. Using CPT-CAT-II codes will reduce the need for record abstraction and chart review and minimize the administrative burden
- Utilize the monthly Gaps in Care Report (GIC) for a list of MVP members and services still needed
- Educate patients about appropriate screening with certain medication therapies
- Submit results to your local Regional Health Information Organization (RHIO)
- Consider using alerts or flags within the electronic health record (EHR) for preventive tests
- Document medical and surgical history and preventive care in the medical record and include the date and result
- Use correct diagnosis and procedure codes and submit claims and encounter data in a timely manner
- Stock patient areas and exam rooms with screening educational materials such as those found here:
 - [Promoting Health for Children and Adolescents | CDC](#)
 - [Behavioral Health - MVP Health Care](#)