

## 2022 MCAS MEASURE: METABOLIC MONITORING FOR CHILDREN AND ADOLESCENTS ON ANTIPSYCHOTICS (APM)

Measure Steward: National Committee for Quality Assurance (NCQA)

Gold Coast Health Plan's (GCHP) goal is to help its providers gain compliance with their annual Managed Care Accountability Set (MCAS) scores by providing guidance and resources. This tip sheet will provide the key components to the MCAS measure, "Metabolic Monitoring for Children and Adolescents on Antipsychotics (APM)."

**Measure Description: Measures the percentage of children and adolescents 1 to 17 years of age who had two or more antipsychotic prescriptions and had metabolic testing during the measurement year.**

Testing must include the following during the measurement year:

- ▶ At least one test for blood glucose or HbA1c.
- ▶ At least one test for LDL-C or cholesterol.

**Data Collection Method:** Administrative<sup>1</sup>

**At least two antipsychotic medication dispensing events of the same or different medications, on different dates of service during the measurement year, must occur for the record to be compliant.**

### Antipsychotic Medications

Description	Prescription		
Miscellaneous Antipsychotic Agents	<ul style="list-style-type: none"> <li>• Aripiprazole</li> <li>• Asenapine</li> <li>• Brexpiprazole</li> <li>• Cariprazine</li> <li>• Clozapine</li> <li>• Haloperidol</li> </ul>	<ul style="list-style-type: none"> <li>• Iloperidone</li> <li>• Loxapine</li> <li>• Lurasidone</li> <li>• Molindone</li> <li>• Olanzapine</li> <li>• Paliperidone</li> </ul>	<ul style="list-style-type: none"> <li>• Pimozide</li> <li>• Quetiapine</li> <li>• Quetiapine fumarate</li> <li>• Risperidone</li> <li>• Ziprasidone</li> </ul>
Phenothiazine Antipsychotics	<ul style="list-style-type: none"> <li>• Chlorpromazine</li> <li>• Fluphenazine</li> <li>• Perphenazine</li> </ul>	<ul style="list-style-type: none"> <li>• Thioridazine</li> <li>• Trifluoperazine</li> </ul>	
Thioxanthenes	<ul style="list-style-type: none"> <li>• Thiothixene</li> </ul>		
Long-Acting Injections	<ul style="list-style-type: none"> <li>• Aripiprazole</li> <li>• Fluphenazine decanoate</li> <li>• Haloperidol decanoate</li> </ul>	<ul style="list-style-type: none"> <li>• Olanzapine</li> <li>• Paliperidone palmitate</li> <li>• Risperidone</li> </ul>	

### Antipsychotic Combination Medications

Description	Prescription	
Psychotherapeutic Combinations	<ul style="list-style-type: none"> <li>• Fluoxetine-olanzapine</li> </ul>	<ul style="list-style-type: none"> <li>• Perphenazine-amitriptyline</li> </ul>

### Prochlorperazine Medications

Description	Prescription
Phenothiazine Antipsychotics	<ul style="list-style-type: none"> <li>• Prochlorperazine</li> </ul>

**APM Clinical Code Sets**

- For billing, reimbursement, and reporting of services completed, submit claims timely with the appropriate medical codes for all clinical conditions evaluated and services completed.
- Use CPT-II codes to report HbA1c and LDL-C test results in claims submissions.

**Codes used to identify blood glucose, HbA1c, LDL-C and cholesterol tests and results.**

Lab Test	CPT	CPT II	LOINC	SNOMED CT
Cholesterol Test	82465, 83718, 83722, 84478		2085-9, 2093-3, 2571-8, 3043-7, 9830-1	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
Cholesterol Result				166830008, 166831007, 166848004, 259557002, 365793008, 365794002, 365795001, 365796000, 439953004, 442193004, 442234001, 442350007, 442480001, 707122004, 707123009, 67991000119104
LDL-C Test	80061, 83700, 83701, 83704, 83721		12773-8, 13457-7, 18261-8, 18262-6, 2089-1, 49132-4, 55440-2, 96259-7	113079009, 166833005, 166840006, 166841005, 167074000, 167075004, 314036004
LDL-C Result		3048F, 3049F, 3050F		
Glucose Test	80047, 80048, 80050, 80053, 80069, 82947, 82950, 82951		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	7918005, 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
Glucose Result				26298008, 111556005, 166891009, 166892002, 166914001, 166915000, 166916004, 166917008, 166918003, 166919006, 166922008, 166923003, 190406000, 237621004, 310505005, 365812005, 395204000, 398140007, 420270002, 420422005, 421075007, 421750000, 421847006, 441656006, 442545002, 444780001, 735537007, 822995009, 367991000119101, 368051000119109
HbA1c Test	83036, 83037		17856-6, 4548-4, 4549-2	43396009, 313835008
HbA1c Result		3044F, 3046F, 3051F, 3052F		165679005, 451051000124101, 451061000124104

**Exclusion Criteria - Members with the following condition are excluded from the APM measure:**

- Members receiving hospice care during the measurement year.

**Best Practices:**

The American Academy of Child and Adolescent Psychiatry (AACAP) recommends monitoring glucose and cholesterol levels for children and adolescents on antipsychotic medications. Antipsychotics are associated with potentially adverse metabolic impacts that include weight gain, diabetes, and cardiovascular concerns. Given the potential negative effects of these issues on a child's developmental path, it is critical to continuously (at least annually) monitor metabolic indices to ensure appropriate management of side-effects.

- ▶ Use the Inovalon® INDICES® Provider Insights Dashboards to identify members with gaps in care.
- ▶ Establish a baseline and continuously monitor (at least annually) blood glucose and cholesterol levels of children and adolescents on antipsychotic medication therapy.
- ▶ Monitor patients via telehealth visits, as appropriate.
- ▶ Arrange for lab tests to be done during a patient's in-office visit or schedule lab testing before the patient's telehealth visit.
- ▶ Assess whether the office Electronic Medical Record (EMR) can be set up to flag for lab tests based on diagnosis or when antipsychotic medications are added to the treatment plan.
- ▶ Educate the parent / guardian about the appropriate health screening for certain medication therapies.
- ▶ For coordination of care, ensure that the medical record contains the contact information for all of the patient's current providers.
- ▶ Explore partnering with key community and school-based organizations focused on child / adolescent health to provide additional education on healthy diet, nutrition, and exercise.
- ▶ Behavioral health referrals can be made through Beacon Health Options: [Click Here](#)
- ▶ GCHP's team of nurses, social workers and care management coordinators work together to empower members to exercise their options and access the services appropriate to meet their individual health needs to promote quality outcomes. GCHP Care Management includes complex and non-complex care management that includes transition to adult services, disease specific education, identification of social determinants of health and linkage to appropriate resources in the community.
  - To learn more please call GCHP's Care Management Team at:
    - » Providers, call: 1-805-437-5777
    - » Members, call: 1-805-437-5656
    - » GCHP website, Care Management: [Click Here](#)
- ▶ GCHP offers free health education services, materials, classes, and online resources to help members achieve a healthy lifestyle. Providers can contact the Health Education Department or refer patients / guardians / caregivers to the following information:
  - Providers, call: 1-805-437-5718
  - Members, call: 1-888-301-1228 / TTY 1-888-310-7347
  - GCHP website, Health Education Resources (provided in English and Spanish): [Click Here](#)

<sup>1</sup> Measures reported using the *administrative* data collection method report on the entire eligible population and use only administrative data sources (e.g. claims, encounter, lab, immunization registries) to evaluate if services were performed.