Measure #423 (NQF 0465): Perioperative Anti-platelet Therapy for Patients Undergoing Carotid Endarterectomy - National Quality Strategy Domain: Effective Clinical Care

2016 PQRS OPTIONS FOR INDIVIDUAL MEASURES:
CLAIMS, REGISTRY

DESCRIPTION:
Percentage of patients undergoing carotid endarterectomy (CEA) who are taking an anti-platelet agent (aspirin or clopidogrel or equivalent such as aggrenox/tiglacor etc.) within 48 hours prior to surgery and are prescribed this medication at hospital discharge following surgery

INSTRUCTIONS:
This measure is to be reported each time carotid endarterectomy is performed during the reporting period. This measure may be reported by clinicians who perform the quality actions described in the measure based on the services provided and the measure-specific denominator coding.

Measure Reporting via Claims:
CPT codes and patient demographics are used to identify patients who are included in the measure’s denominator. quality-data codes are used to report the numerator of the measure.

When reporting the measure via claims, submit the listed CPT codes, and the appropriate numerator quality-data code. All measure-specific coding should be reported on the claim(s) representing the eligible encounter.

Measure Reporting via Registry:
CPT codes and patient demographics are used to identify patients who are included in the measure’s denominator. The listed numerator options are used to report the numerator of the measure.

The quality-data codes listed do not need to be submitted for registry-based submissions; however, these codes may be submitted for those registries that utilize claims data.

DENOMINATOR:
Patients over age 18 undergoing carotid endarterectomy

Denominator Criteria (Eligible Cases):
Patients aged ≥ 18 years on date of encounter
AND
Patient encounter during the reporting period (CPT): 35301

NUMERATOR:
Patients undergoing carotid endarterectomy who received anti-platelet agents such as aspirin or aspirin-like agents, or P2y12 antagonists within 48 hours prior to the initiation of surgery AND are prescribed this medication at hospital discharge following surgery

Numerator Instructions: There must be documentation of an order (written order, verbal order, or standing order/protocol) for anti-platelet agents OR P2y12 antagonists OR documentation that anti-platelet agents OR P2y12 antagonists was given within 48 hours prior to surgery AND patient has prescription for this medication hospital discharge following surgery.

NUMERATOR NOTE: In the event surgery is delayed, as long as the patient is redosed (if clinically indicated) the numerator coding G9609 (Performance Met) is appropriate.
Numerator Quality-Data Coding Options for Reporting Satisfactorily:
Documentation of Order for anti-platelet agents OR P2y12 antagonists (written order, verbal order, or standing order/protocol)

Performance Met: G9609:

Documented order for anti-platelet agents OR P2y12 antagonists

Or

Order for anti-platelet agents OR P2y12 antagonists not ordered for Medical Reasons

Medical Performance Exclusion: G9610:

Documentation of medical reason(s) for not ordering anti-platelet agents OR P2y12 antagonists (e.g. Patients with known intolerance to anti-platelet agents such as aspirin or aspirin-like agents, or P2y12 antagonists, or those on or other intravenous anti-coagulants; patients with active bleeding or undergoing urgent or emergent operations or endarterectomy combined with cardiac surgery, other medical reason(s))

Or

Order for anti-platelet agents OR P2y12 antagonists not ordered, Reasons Not Given

Performance Not Met: G9611:

Order for anti-platelet agents OR P2y12 antagonists was not documented, reason not given

Rationale:
Carotid Endarterectomy is performed for patients at risk for stroke or recurrent stroke. Antiplatelets have been shown to reduce stroke risk and recurrent stroke risk as well as reduce recurrent disease.

Clinical Recommendation Statements:
Perioperative Management with Antiplatelet and Statin Medication is Associated with Reduced Mortality Following Vascular Surgery J Vasc Surg 2014; 59: 1615 - 21

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2016 Claims/Registry Individual Measure Flow
PQRS #423 NQF#0465: Perioperative Anti-platelet Therapy for Patients Undergoing Carotid Endarterectomy

![Flowchart diagram](image-url)

**SAMPLE CALCULATIONS:**

**Reporting Rate**

\[
\text{Reporting Rate} = \frac{\text{Performance Met} (a=4 \text{ procedures}) \times \text{Performance Exclusion} (b=1 \text{ procedures}) \times \text{Performance Not Met} (c=2 \text{ procedures})}{\text{Eligible Population / Denominator} (d=8 \text{ procedures})} = \frac{7 \text{ procedures}}{8 \text{ procedures}} = 87.56\%
\]

**Performance Rate**

\[
\text{Performance Rate} = \frac{\text{Performance Met} (a=4 \text{ procedures})}{\text{Reporting Numerator} (7 \text{ procedures}) - \text{Performance Exclusion} (b=1 \text{ procedures})} = \frac{4 \text{ procedures}}{6 \text{ procedures}} = 66.67\%
\]

*See the posted Measure Specification for specific coding and instructions to report this measure.

Note: Report Frequency: Procedure

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The measure diagrams were developed by CMS as a supplemental resource to be used in conjunction with the measure specifications. They should not be used alone or as a substitution for the measure specification.
2016 Claims/Registry Individual Measure Flow
PQRS #423 NQF#0465: Perioperative Anti-platelet Therapy for Patients Undergoing Carotid Endarterectomy

Please refer to the specific section of the Measure Specification to identify the denominator and numerator information for use in reporting this Individual Measure.

1. Start with Denominator

2. Check Patient Age:
   a. If the Age is greater than or equal to 18 years of age on Date of Service and equals No during the measurement period, do not include in Eligible Patient Population. Stop Processing.
   b. If the Age is greater than or equal to 18 years of age on Date of Service and equals Yes during the measurement period, proceed to check Current Encounter Performed.

3. Check Encounter Performed:
   a. If Encounter as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
   b. If Encounter as Listed in the Denominator equals Yes, include in Eligible population.

4. Denominator Population:
   a. Denominator population is all Eligible Patients in the denominator. Denominator is represented as Denominator in the Sample Calculation listed at the end of this document. Letter d equals 8 procedures in the sample calculation.

5. Start Numerator

6. Check Documentation of an Order for Anti-Platelet Agents OR P2y12 Antagonists:
   a. If Documentation of an Order for Anti-Platelet Agents OR P2y12 Antagonists equals Yes, include in Reporting Met and Performance Met.
   b. Reporting Met and Performance Met letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter a equals 4 procedures in Sample Calculation.
   c. If Documentation of an Order for Anti-Platelet Agents OR P2y12 Antagonists equals No, proceed to Documentation of Medical Reason(s) for Not Ordering Anti-Platelet Agents OR P2y12 Antagonists.

7. Check Documentation of Medical Reason(s) for Not Ordering Anti-Platelet Agents OR P2y12 Antagonists:
   a. If Documentation of Medical Reason(s) for Not Ordering Anti-Platelet Agents OR P2y12 Antagonists equals Yes, include in Reporting Met and Performance Exclusion.
   b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter b equals 1 procedure in the Sample Calculation.
c. If Documentation of Medical Reason(s) for Not Ordering Anti-Platelet Agents OR P2y12 Antagonists equals No, proceed to Order for Anti-Platelet Agents OR P2y12 Antagonists was Not Documented, Reason Not Given.

8. Check Order for Anti-Platelet Agents OR P2y12 Antagonists was Not Documented, Reason Not Given:
   a. If Order for Anti-Platelet Agents OR P2y12 Antagonists was Not Documented, Reason Not Given equals Yes, include in Reporting Met and Performance Not Met.
   b. Reporting Met and Performance Not Met letter is represented in the Reporting Rate and Performance Rate in the Sample Calculation listed at the end of this document. Letter c equals 2 procedures in the Sample Calculation.
   c. If Order for Anti-Platelet Agents OR P2y12 Antagonists was Not Documented, Reason Not Given equals No, proceed to Reporting Not Met.

9. Check Reporting Not Met:
   a. If Reporting Not Met equals No, Quality Data Code or equivalent not reported. 1 procedure has been subtracted from the reporting numerator in the sample calculation.

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<thead>
<tr>
<th>SAMPLE CALCULATIONS:</th>
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<tbody>
<tr>
<td><strong>Reporting Rate</strong></td>
</tr>
<tr>
<td>Performance Met (a=4 procedures) + Performance Exclusion (b=1 procedures) + Performance Not Met (c=2 procedures) = 7 procedures</td>
</tr>
<tr>
<td>Eligible Population / Denominator (d=8 procedures) = 8 procedures</td>
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<tr>
<td><strong>Performance Rate</strong></td>
</tr>
<tr>
<td>Performance Met (a=4 procedures)</td>
</tr>
<tr>
<td>Reporting Numerator (7 procedures) – Performance Exclusion (b=1 procedures)</td>
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