Measure #6 (NQF 0067): Coronary Artery Disease (CAD): Antiplatelet Therapy – National Quality Strategy Domain: Effective Clinical Care

2016 PQRS OPTIONS FOR INDIVIDUAL MEASURES:
REGISTRY ONLY

DESCRIPTION:
Percentage of patients aged 18 years and older with a diagnosis of coronary artery disease (CAD) seen within a 12 month period who were prescribed aspirin or clopidogrel

INSTRUCTIONS:
This measure is to be reported a minimum of once per reporting period for all patients with CAD seen during the reporting period. This measure may be reported by clinicians who perform the quality actions described in the measure for the primary management of patients with CAD based on the services provided and the measure-specific denominator coding.

Measure Reporting via Registry:
ICD-10-CM diagnosis codes, 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:
All patients aged 18 years and older with a diagnosis of coronary artery disease seen within a 12 month period

Denominator Criteria (Eligible Cases):
Patients aged ≥ 18 years on date of encounter
AND
AND
Patient encounter during the reporting period (CPT): 99201, 99202, 99203, 99204, 99205, 99212, 99213, 99214, 99215, 99304, 99305, 99306, 99307, 99308, 99309, 99310, 99324, 99325, 99326, 99327, 99328, 99334, 99335, 99336, 99337, 99341, 99342, 99343, 99344, 99345, 99347, 99348, 99349, 99350

NUMERATOR:
Patients who were prescribed aspirin or clopidogrel

Definition:
Prescribed - May include prescription given to the patient for aspirin or clopidogrel at one or more visits in the measurement period OR patient already taking aspirin or clopidogrel as documented in current medication list.

Numerator Options:
Performance Met: Aspirin or clopidogrel prescribed (4086F)

OR
Medical Performance Exclusion: Documentation of medical reason(s) for not prescribing aspirin or clopidogrel (eg, allergy, intolerance, receiving other thienopyridine therapy, receiving warfarin therapy, bleeding coagulation disorders, other medical reasons) (4086F with 1P)

OR

Patient Performance Exclusion: Documentation of patient reason(s) for not prescribing aspirin or clopidogrel (eg, patient declined, other patient reasons) (4086F with 2P)

OR

System Performance Exclusion: Documentation of system reason(s) for not prescribing aspirin or clopidogrel (eg, lack of drug availability, other reasons attributable to the health care system) (4086F with 3P)

OR

Performance Not Met: Aspirin or clopidogrel was not prescribed, reason not otherwise specified (4086F with 8P)

RATIONALE:
Use of antiplatelet therapy has shown to reduce the occurrence of vascular events in patients with coronary artery disease, including myocardial infarction and death.

CLINICAL RECOMMENDATION STATEMENTS:
The following evidence statements are quoted verbatim from the referenced clinical guidelines.

2012 ACCF/AHA/ACP/AATS/PCNA/SCAI/STS Guideline for the Diagnosis and Management of Patients With Stable Ischemic Heart Disease (SIHD)

ANTIPLATELET THERAPY

Treatment with aspirin 75 to 162 mg daily should be continued indefinitely in the absence of contraindications in patients with SIHD. (Class I Recommendation, Level of Evidence: A)

Treatment with clopidogrel is reasonable when aspirin is contraindicated in patients with SIHD. (Class I Recommendation, Level of Evidence: B)

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2016 Registry Individual Measure Flow
PQRS #6 NQF #0067: Coronary Artery Disease (CAD): Antiplatelet Therapy

Denominator

Start

Patient Age at Date of Service ≥ 18 Years

No

Aspirin or Clopidogrel Prescribed

Yes

No

Documentation of Medical Reason(s) for Not Prescribing Aspirin or Clopidogrel

Yes

Reporting Met + Performance Exclusion 4038F-1P or equivalent (1 patient) b₁

No

Documentation of Patient Reason(s) for Not Prescribing Aspirin or Clopidogrel

Yes

Reporting Met + Performance Exclusion 4038F-2P or equivalent (0 patients) b²

No

Documentation of System Reason(s) for Not Prescribing Aspirin or Clopidogrel

Yes

Reporting Met + Performance Exclusion 4038F-3P or equivalent (0 patients) b³

No

Aspirin or Clopidogrel Not Prescribed, Reason Not Specified

Yes

Reporting Met + Performance Not Met 4038F-8P or equivalent (2 patients) c

No

Include in Eligible Population/Denominator (8 patients) d

Not Included in Eligible Population/Denominator

Numerator

Reporting Met + Performance Met 4038F or equivalent (4 patients) a

SAMPLE CALCULATIONS:

\[
\text{Reporting Rate} = \frac{\text{Performance Met (a=4 patients)}}{\text{Eligible Population / Denominator (8 patients)}} + \frac{\text{Performance Exclusion (b₁+ b²+b³=1 patient)}}{\text{Performance Not Met (c=2 patients)}} + \frac{7 \text{ patients}}{8 \text{ patients}} = 87.50%
\]

\[
\text{Performance Rate} = \frac{4 \text{ patients}}{7 \text{ patients} - \text{Performance Exclusion (b₁+ b²+b³=1 patient)}} = \frac{4 \text{ patients}}{6 \text{ patients}} = 66.67%
\]

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

NOTE: Reporting Frequency – Patient-process.
2016 Registry Individual Measure Flow
PQRS #6 NQF #0087: Coronary Artery Disease (CAD): Antiplatelet Therapy

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 Patient Diagnosis.

3. Check Patient Diagnosis:
   a. If Diagnosis of CAD as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
   b. If Diagnosis of CAD as Listed in the Denominator equals Yes, proceed to check Encounter Performed.

4. 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 the Eligible population.

5. 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 patients in the sample calculation.

6. Start Numerator

7. Check Aspirin or Clopidogrel Prescribed:
   a. If Aspirin or Clopidogrel Prescribed 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 patients in Sample Calculation.
   c. If Aspirin or Clopidogrel Prescribed equals No, proceed to Documentation of Medical Reason(s) for Not Prescribing Aspirin or Clopidogrel.

8. Check Documentation of Medical Reason(s) for Not Prescribing Aspirin or Clopidogrel:
   a. If Documentation of Medical Reason(s) for Not Prescribing Aspirin or Clopidogrel 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 b1 equals 1 patient in the Sample Calculation.

c. If Documentation of Medical Reason(s) for Not Prescribing Aspirin or Clopidogrel equals No, proceed to Documentation of Patient Reason(s) for Not Prescribing Aspirin or Clopidogrel.

9. Check Documentation of Patient Reason(s) for Not Prescribing Aspirin or Clopidogrel:

   a. If Documentation of Patient Reason(s) for Not Prescribing Aspirin or Clopidogrel 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 b2 equals 0 patients in the Sample Calculation.

   c. If Documentation of Patient Reason(s) for Not Prescribing Aspirin or Clopidogrel equals No, proceed to Documentation of System Reason(s) for Not Prescribing Aspirin or Clopidogrel.

10. Check Documentation of System Reason(s) for Not Prescribing Aspirin or Clopidogrel:

   a. If Documentation of System Reason(s) for Not Prescribing Aspirin or Clopidogrel 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 b3 equals 0 patients in the Sample Calculation.

   c. If Documentation of System Reason(s) for Not Prescribing Aspirin or Clopidogrel equals No, proceed to Aspirin or Clopidogrel Not Prescribed and Reason Not Specified.

11. Check Aspirin or Clopidogrel Not Prescribed and Reason Not Specified:

   a. If Aspirin or Clopidogrel was Not Prescribed and Reason Not Specified equals Yes, include in Reporting Met and Performance Not Met.

   b. Reporting Met and Performance Not Met letter is represented in the Reporting Rate in the Sample Calculation listed at the end of this document. Letter c equals 2 patients in the Sample Calculation.

   c. If Aspirin or Clopidogrel was Not Prescribed and Reason Not Specified equals No, proceed to Reporting Not Met.

12. Check Reporting Not Met:

   a. If Reporting Not Met equals No, Quality Data Code or equivalent not reported. 1 patient 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>Reporting Rate=</td>
</tr>
<tr>
<td>Eligible Population / Denominator (d=8 patients) = 8 patients</td>
</tr>
<tr>
<td>Performance Rate=</td>
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