**Measure #397: Melanoma Reporting – National Quality Strategy Domain: Communication and Care Coordination**

**2016 PQRS OPTIONS FOR INDIVIDUAL MEASURES:**
CLAIMS, REGISTRY

**DESCRIPTION:**
Pathology reports for primary malignant cutaneous melanoma that include the pT category and a statement on thickness and ulceration and for pT1, mitotic rate

**INSTRUCTIONS:**
This measure is to be reported each time a patient’s pathology report addresses specimens with a diagnosis of malignant cutaneous melanoma; however, only one QDC per date of service for a patient is required. This measure may be reported by eligible professionals who perform the quality actions described in the measure based on the services provided and the measure-specific denominator coding.

**Measure Reporting via Claims:**
ICD-10-CM diagnosis codes, 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 ICD-10-CM diagnosis codes, and CPT codes, and the appropriate quality-data code.

**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 numerator options as described in the quality-data codes 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 melanoma pathology reports for primary malignant cutaneous melanoma

**Denominator Criteria (Eligible Cases):**
Patients ≥ 18 years of age on date of encounter

AND

Diagnosis for malignant cutaneous melanoma (ICD-10-CM): C43.0, C43.20, C43.21, C43.22, C43.30, C43.31, C43.39, C43.4, C43.51, C43.52, C43.59, C43.60, C43.61, C43.62, C43.70, C43.71, C43.72, C43.8, C43.9

AND

Patient encounter during reporting period (CPT): 88305

**NUMERATOR:**
Pathology reports for primary malignant cutaneous melanoma that include the pT category and a statement on thickness and ulceration and for pT1, mitotic rate

**Numerator Quality-Data Coding Options for Reporting Satisfactorily:**
Pathology Reports that Include the pT Category and a Statement on Thickness and Ulceration and for pT1, mitotic rate
Performance Met: (G9428):
Pathology report includes the pT Category and a statement on thickness and ulceration and for pT1, mitotic rate

OR
Pathology Reports that does not Include the pT Category and a Statement on Thickness and Ulceration and for pT1, mitotic rate, not Documented for Medical Reasons

Medical Exclusion: (G9429):
Documentation of medical reason(s) for not including pT Category and a statement on thickness and ulceration and for pT1, mitotic rate (e.g., negative skin biopsies in a patient with a history of melanoma or other documented medical reasons)

OR
If patient is not eligible for this measure because the specimen is not of cutaneous origin

Other Performance Exclusion: (G9430):
Specimen site other than anatomic cutaneous location

OR
Pathology Reports that does not Include the pT Category and a Statement on Thickness and Ulceration and for pT1, mitotic rate, Reason not given

Performance Not Met: (G9431):
Pathology report does not include the pT Category and a statement on thickness and ulceration and for pT1, mitotic rate

RATIONALE:
In the evidence-based derivation of the 2010 AJCC staging system, mitotic rate greater than or equal to 1 per mm² was independently associated with worse disease-specific survival, especially in patients with melanoma less than or equal to 1.0 mm thick. As such, mitotic rate has replaced Clark level as a criterion for upstaging patients with melanomas less than or equal to 1.0 mm in thicknesses from IA to IB.

Until now, routine histopathologic reporting of primary melanomas has infrequently included an assessment of mitotic rate. Even in a geographic area with a high melanoma incidence, such as Queensland, Australia, fewer than 50% of pathology reports on primary melanomas documented mitotic rate in a recent study assessing the completeness of histopathologic reporting of melanoma. Similarly, in another recently published study undertaken at the H. Lee Moffitt Cancer Center in Florida, 47% of outside pathology reports for patients with thin (<=1 mm) or in situ melanoma did not mention mitotic rate. Moreover, clinicians involved in the care of patients with primary melanomas have not generally considered mitotic rate as an important factor to be considered when discussing prognosis with patients and planning their treatment.

In addition to the specific gap noted above, recent research and the publication of new guidelines in 2012 indicate newer tumor characteristics for more precise staging with implications for treatment outcomes. For these reasons, we believe there is a gap in reporting of these new characteristics in melanoma pathology reports. (CAP Performance Measures Working Group)


CLINICAL RECOMMENDATION STATEMENTS:
In patients with localized melanoma (Stage I or II), Breslow tumor thickness, ulceration and mitotic rate are the three most important characteristics of the primary tumor predicting outcome.
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2016 Claims Individual Measure Flow  
PQRS #397: Melanoma Reporting

Sample Calculations:

Reporting Rate:
Performance Met (a=4 procedures) - Performance Exclusion (b²+b² = 1 procedure) - Performance Not Met (c² = 2 procedures) = 7 procedures = 87.50%

Eligible Population / Denominator (d=8 procedures) = 8 procedures

Performance Rate:
Performance Met (a=4 procedures) = 4 procedures = 66.67%

Reporting Numerator (7 procedures) - Performance Exclusion (b²+b² = 1 procedure) = 6 procedures

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

NOTE: Reporting Frequency – Procedure

v2
2016 Registry Individual Measure Flow
PQRS #397: Melanoma Reporting

Start

Denominator

Patient Age at Date of Service ≥ 18 years

Yes

Diagnosis For Malignant Cutaneous Melanoma as Listed in Denominator

Yes

Not Included in Eligible Population/Denominator

No

No

Not Included in Eligible Population/Denominator

(1/12/2016 thru 12/31/2016)

Yes

Specimen Site Other than Anatomic Cutaneous Location or G9430

Yes

Include in Eligible Population/Denominator (8 procedures)

No

Numerator

Pathology Report Includes the pT Category and a Statement on Thickness and Ulceration for pT1, Mitotic Rate

Yes

Reporting Met + Performance Met G9428 or equivalent (4 procedures) a

No

Pathology Report Does Not Include the pT Category and a Statement on Thickness and Ulceration and for pT1, Mitotic Rate

Yes

Reporting Met + Performance Not Met G9431 or equivalent (2 procedures) c

No

No

Reporting Met + Medical Exclusions G9429 or equivalent (1 procedure) b

Documenttion of Medical Reason(s) for Not Including pT Category and a Statement on Thickness and Ulceration and for pT1, Mitotic Rate

Yes

No

Reporting Not Met Quality-Data Code or equivalent not reported (1 procedure) d

SAMPLE CALCULATIONS:

Reporting Rate=
Performance Met (a=4 procedures) + Performance Exclusion (b=1 procedure) + Performance Not Met (c=2 procedures) = 7 procedures = 87.50%
Eligible Population / Denominator (d=8 procedures) = 8 procedures

Performance Rate=
Performance Met (a=4 procedures) = 4 procedures = 66.67%
Reporting Numerator (7 procedures) – Performance Exclusion (b=1 procedure) = 6 procedures

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

NOTE: Reporting Frequency – Procedure
2016 Claims Individual Measure Flow  
PQRS #397: Melanoma Reporting

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 at 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 at Date of Service and equals Yes during the measurement period, proceed to check Patient Diagnosis.

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

4. Check Encounter Performed:
   a. If Encounter as Listed in Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
   b. If Encounter as Listed in 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 procedures in the sample calculation.

6. Start Numerator

7. Check Pathology Report Includes the pT Category and a Statement on Thickness and Ulceration for pT1 Mitotic Rate:
   a. If Pathology Report Includes the pT Category and a Statement on Thickness and Ulceration for pT1 Mitotic Rate 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 Pathology Report Includes the pT Category and a Statement on Thickness and Ulceration for pT1 Mitotic Rate equals No, proceed to Documentation of Medical Reasons for Not including pT Category and a Statement on Thickness and Ulceration and for pT1 Mitotic Rate.

8. Check Documentation of Medical Reasons for Not including pT Category and a Statement on Thickness and Ulceration and for pT1 Mitotic Rate:
a. If Documentation of Medical Reasons for Not including pT Category and a Statement on Thickness and Ulceration and for pT1 Mitotic Rate equals Yes, include in the 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 procedure in the Sample Calculation.

c. If Documentation of Medical Reasons for Not including pT Category and a Statement on Thickness and Ulceration and for pT1 Mitotic Rate equals No, proceed to Specimen Site Other than Anatomic Cutaneous Location.

9. Check Specimen Site Other than Anatomic Cutaneous Location:

a. If Specimen Site Other than Anatomic Cutaneous Location equals Yes, include in the Reporting Met and Performance Exclusion.

b. Reporting Met and Patient 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 procedures in the Sample Calculation.

c. If Specimen Site Other than Anatomic Cutaneous Location equals No, proceed to Pathology Report Does Not Include the pT Category and a Statement on Thickness and Ulceration and for pT1, Mitotic Rate, Reason Not Given.

10. Pathology Report Does Not Include the pT Category and a Statement on Thickness and Ulceration and for pT1, Mitotic Rate, Reason Not Given:

a. If Pathology Report Does Not Include the pT Category and a Statement on Thickness and Ulceration and for pT1, Mitotic Rate 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 procedures in the Sample Calculation.

c. Pathology Report Does Not Include the pT Category and a Statement on Thickness and Ulceration and for pT1, Mitotic Rate, Reason Not Given equals No, proceed to Reporting Not Met.

11. Check Reporting Not Met:

a. If Reporting Not Met, the Quality Data Code or equivalent was not reported. 1 procedure has been subtracted from the reporting numerator in sample calculation.

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### SAMPLE CALCULATIONS:

<table>
<thead>
<tr>
<th>Reporting Rate=</th>
<th>Performance Met (a=4 procedures) + Performance Exclusion (b^1+b^2 = 1 procedure) + Performance Not Met (c=2 procedures) = 7 procedures</th>
<th>Eligible Population / Denominator (d=8 procedures) = 87.50%</th>
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<tbody>
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<td>Performance Met (a=4 procedures) = 4 procedures</td>
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2016 Registry Individual Measure Flow
PQRS #397: Melanoma Reporting

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 at 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 at Date of Service and equals Yes during the measurement period, proceed to check Patient Diagnosis.

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

4. Check Encounter Performed:
   a. If Encounter as Listed in Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
   b. If Encounter as Listed in Denominator equals Yes, proceed to check Specimen Site Other than Anatomic Cutaneous Location

5. Check Specimen Site Other than Anatomic Cutaneous Location or G9430:
   a. If Specimen Site Other than Anatomic Cutaneous Location or G9430 equals Yes, do not include in Eligible Patient Population. Stop Processing.
   b. If Specimen Site Other than Anatomic Cutaneous Location or G9430 equals No, include in the Eligible population

6. 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.

7. Start Numerator

8. Check Pathology Report Includes the pT Category and a Statement on Thickness and Ulceration for pT1 Mitotic Rate:
   a. If Pathology Report Includes the pT Category and a Statement on Thickness and Ulceration for pT1 Mitotic Rate 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 Pathology Report Includes the pT Category and a Statement on Thickness and Ulceration for pT1 Mitotic Rate equals No, proceed to Documentation of Medical Reasons for Not Including pT Category and a Statement on Thickness and Ulceration and for pT1 Mitotic Rate.

9. Check Documentation of Medical Reasons for Not Including pT Category and a Statement on Thickness and Ulceration and for pT1 Mitotic Rate:

a. If Documentation of Medical Reasons for Not Including pT Category and a Statement on Thickness and Ulceration and for pT1 Mitotic Rate equals Yes, include in the 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 Reasons for Not Including pT Category and a Statement on Thickness and Ulceration and for pT1 Mitotic Rate equals No, proceed to Pathology Report Does Not Include the pT Category and a Statement on Thickness and Ulceration and for pT1, Mitotic Rate, Reason Not Given.

10. Check Pathology Report Does Not Include the pT Category and a Statement on Thickness and Ulceration and for pT1, Mitotic Rate, Reason not Given:

a. If Pathology Report Does Not Include the pT Category and a Statement on Thickness and Ulceration and for pT1, Mitotic Rate, 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 in the Sample Calculation listed at the end of this document. Letter c equals 2 procedures in the Sample Calculation.

c. Pathology Report Does Not Include the pT Category and a Statement on Thickness and Ulceration and for pT1, Mitotic Rate, Reason Not Given equals No, proceed to Reporting Not Met.

11. Check Reporting Not Met:

a. If Reporting Not Met, the Quality Data Code or equivalent was not reported. 1 procedure has been subtracted from the reporting numerator in sample calculation.

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**SAMPLE CALCULATIONS:**

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