

2014 eCQM Flow
Measure Identifier: CMS129v4

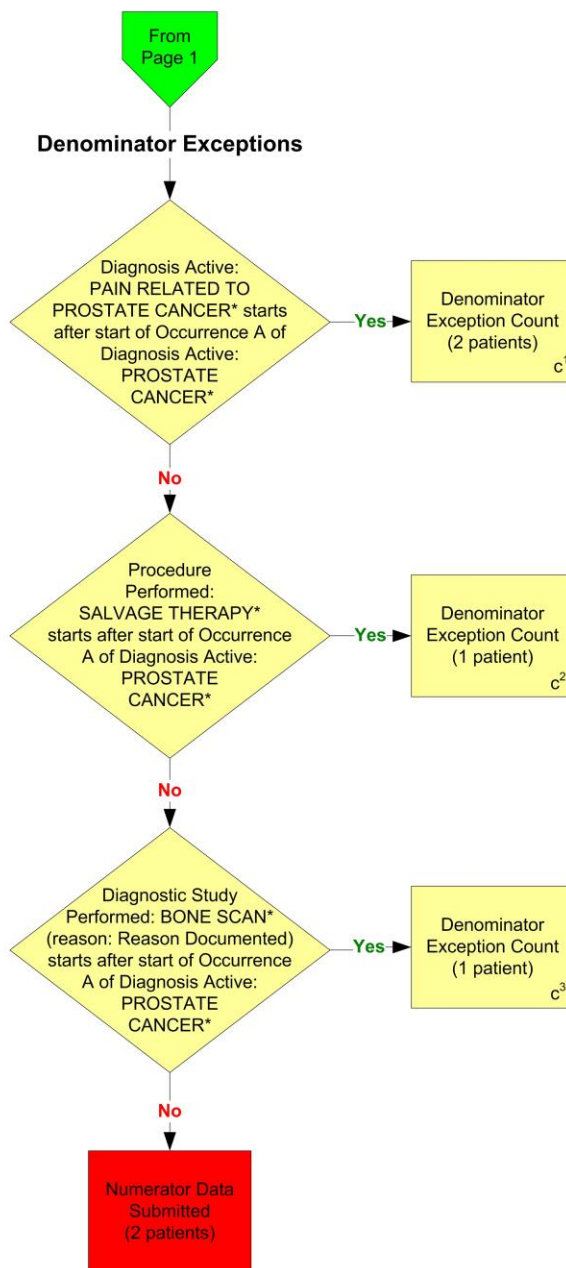
NQF 0389: Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients



*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

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NQF 0389: Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients



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SAMPLE CALCULATION:

Performance Rate =

$$\frac{\text{Numerator (a=4 patients)}}{\text{Denominator (b=10 patients) - Denominator Exclusions (N/A) - Denominator Exceptions (c¹ + c² + c³ = 4 patients)}} = 66.67\%$$

2014 eCQM Flows
Measure Identifier: CMS129v4
NQF 0389: Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk
Prostate Cancer Patients

Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

1. Start Initial Patient Population
2. Check Patient Characteristic Sex:
 - a. If the QDM data element MALE equals No, do not include in Initial Patient Population. Stop Processing.
 - b. If the QDM data element MALE equals Yes continue processing and proceed to check Diagnosis Active.
3. Check Diagnosis Active:
 - a. If Occurrence A of QDM data element PROSTATE CANCER starts before or during but does not end before start of the measurement period equals Yes, include in the Initial Patient Population and proceed to Denominator.
 - b. If Occurrence A of QDM data element PROSTATE CANCER starts before or during but does not end before start of the measurement period equals No, do not include in the Initial Patient Population and stop processing.
4. Start Denominator
 - a. Denominator equals the Initial Patient Population. Proceed to Procedure Performed.
5. Check Procedure Performed:
 - a. If First Occurrence A of QDM data element PROSTATE CANCER TREATMENT during the measurement period equals Yes, proceed to check Laboratory Test Result.
 - b. If First Occurrence A of QDM data element PROSTATE CANCER TREATMENT during the measurement period equals No, do not include in Eligible Population and stop processing.
6. Check Laboratory Test Result:
 - a. If Most Recent Occurrence A of QDM data element PROSTATE SPECIFIC ANTIGEN TEST (result less than or equal to 10 ng/mL) starts before start of Occurrence A of Procedure Result QDM data element CLINICAL STAGING PROCEDURE equals Yes, proceed to check next Laboratory Test Result.
 - b. If Most Recent Occurrence A of QDM data element PROSTATE SPECIFIC ANTIGEN TEST (result less than or equal to 10 ng/mL) starts before start of Occurrence A of Procedure Result QDM data element CLINICAL STAGING

PROCEDURE equals No, do not include in Eligible Population and stop processing.

7. Check Laboratory Test Result:

- a. If Most Recent Occurrence A of QDM data element GLEASON SCORE (result less than or equal to 6) starts before start of Occurrence A of Procedure Performed QDM data element PROSTATE CANCER TREATMENT equals Yes, proceed to check Procedure Result.
- b. If Most Recent Occurrence A of QDM data element GLEASON SCORE (result less than or equal to 6) starts before start of Occurrence A of Procedure Performed QDM data element PROSTATE CANCER TREATMENT equals No, do not include in Eligible Population and stop processing.

8. Check Procedure Result:

- a. If Most Recent Occurrence A of QDM data element CLINICAL STAGING PROCEDURE (result Prostate Cancer Primary Tumor Size T1c) starts before start of Occurrence A of Procedure Performed QDM data element PROSTATE CANCER TREATMENT OR if QDM data element CLINICAL STAGING PROCEDURE (result: Prostate Cancer Primary Tumor Size T2a) starts before or during Occurrence A of QDM data element PROSTATE CANCER TREATMENT equals Yes, include in Eligible Population and proceed to Numerator.
- b. If QDM data element CLINICAL STAGING PROCEDURE (result Prostate Cancer Primary Tumor Size T1c) starts before or during Occurrence A of QDM data element PROSTATE CANCER TREATMENT OR if QDM data element CLINICAL STAGING PROCEDURE (result: Prostate Cancer Primary Tumor Size T2a) starts before or during Occurrence A of QDM data element PROSTATE CANCER TREATMENT equals No, do not include in Eligible Population and stop processing.

9. Start Eligible Population

- a. Eligible Population equals the Initial Patient Population plus the Eligible Population. Eligible Population is represented by the letter B in the sample calculation listed at the end of this document. Letter B equals 10 patients in the sample calculation.

10. Start Numerator

11. Check Diagnostic Study Performed:

- a. If WITHOUT QDM data element BONE SCAN starts after start of Occurrence A of Diagnosis Active QDM data element PROSTATE CANCER equals Yes, include in the Numerator count. The Numerator is represented by the letter A in the sample calculation listed at the end of this document. Letter A equals 4 patients in the sample calculation.
- b. If WITHOUT QDM data element BONE SCAN starts after start of Occurrence A

of Diagnosis Active QDM data element PROSTATE CANCER equals No, proceed to Denominator Exceptions.

12. Start Denominator Exceptions

13. Check Diagnosis Active:

- a. If QDM data element PAIN RELATED TO PROSTATE CANCER starts after start of Occurrence A of Diagnosis Active QDM data element PROSTATE CANCER equals Yes, include in Denominator Exception Count. Exceptions are represented by the letter C1 in the sample calculation listed at the end of this document. Letter C1 equals 2 patients in the sample calculation.
- b. If QDM data element PAIN RELATED TO PROSTATE CANCER starts after start of Occurrence A of Diagnosis Active QDM data element PROSTATE CANCER equals No, proceed to check Procedure Performed.

14. Check Procedure Performed:

- a. If QDM data element SALVAGE THERAPY starts after start of Occurrence A of Diagnosis Active QDM data element PROSTATE CANCER equals Yes, include in Denominator Exception Count. Exceptions are represented by the letter C2 in the sample calculation listed at the end of this document. Letter C2 equals 1 patient in the sample calculation.
- b. If QDM data element SALVAGE THERAPY starts after start of Occurrence A of Diagnosis Active QDM data element PROSTATE CANCER equals No, proceed to check Diagnostic Study Performed.

15. Check Diagnostic Study Performed:

- a. If QDM data element BONE SCAN (reason: Reason Documented) starts after start of Occurrence A of Diagnosis Active QDM data element PROSTATE CANCER equals Yes, include in Denominator Exception Count. Exceptions are represented by the letter C3 in the sample calculation listed at the end of this document. Letter C3 equals 1 patient in the sample calculation.
- b. If QDM data element BONE SCAN (reason: Reason Documented) starts after start of Occurrence A of Diagnosis Active QDM data element PROSTATE CANCER equals No, include in the No/Missing Numerator Data Submitted and stop processing

SAMPLE CALCULATION:

Performance Rate =

Numerator (a=4 patients)

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Denominator (b=10 patients) – *Denominator Exclusions (N/A)* – Denominator Exceptions ($c^1 + c^2 + c^3 = 4$ patients)

= **66.67%**