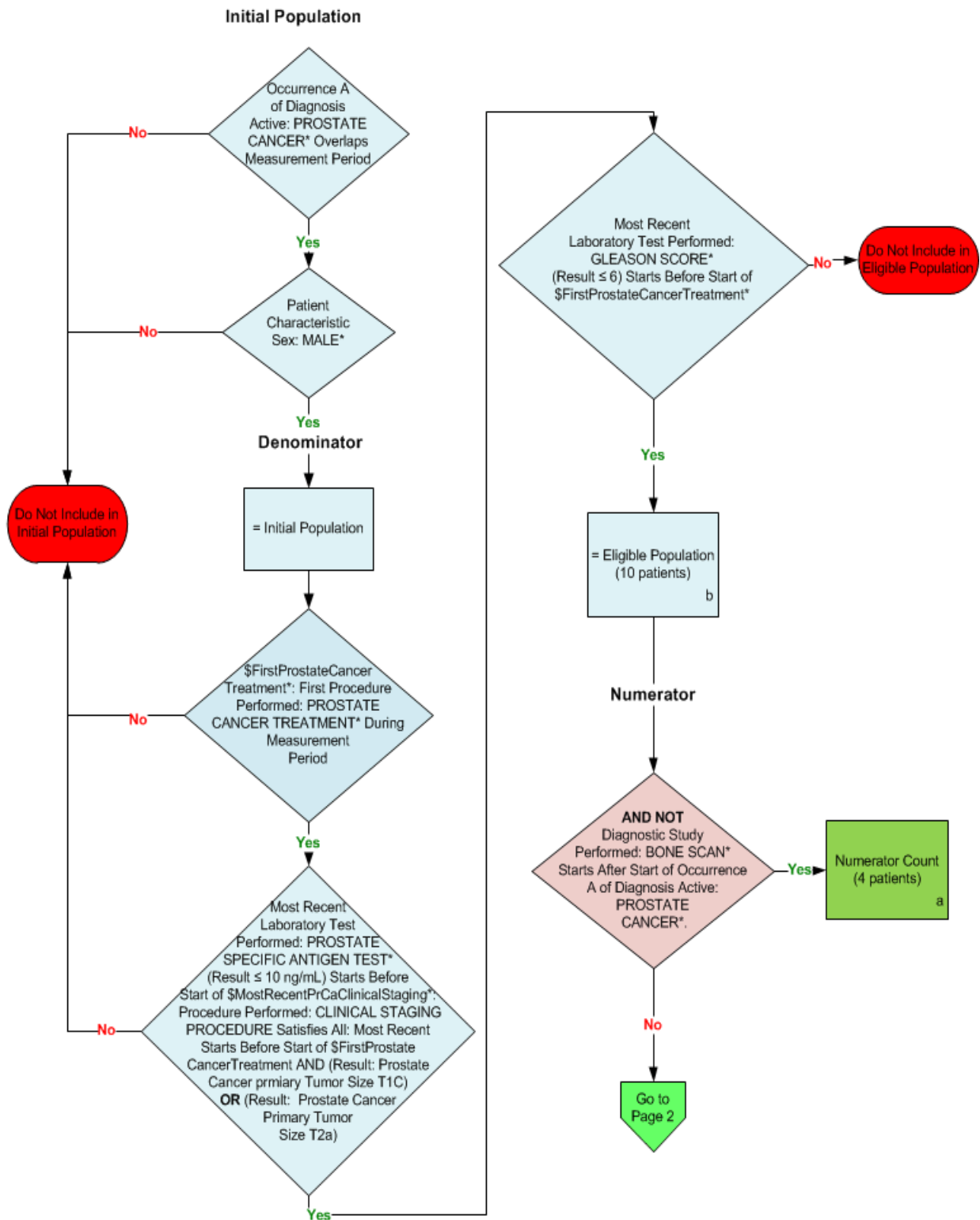


2014 eCQM Flow
Measure Identifier: CMS129v5

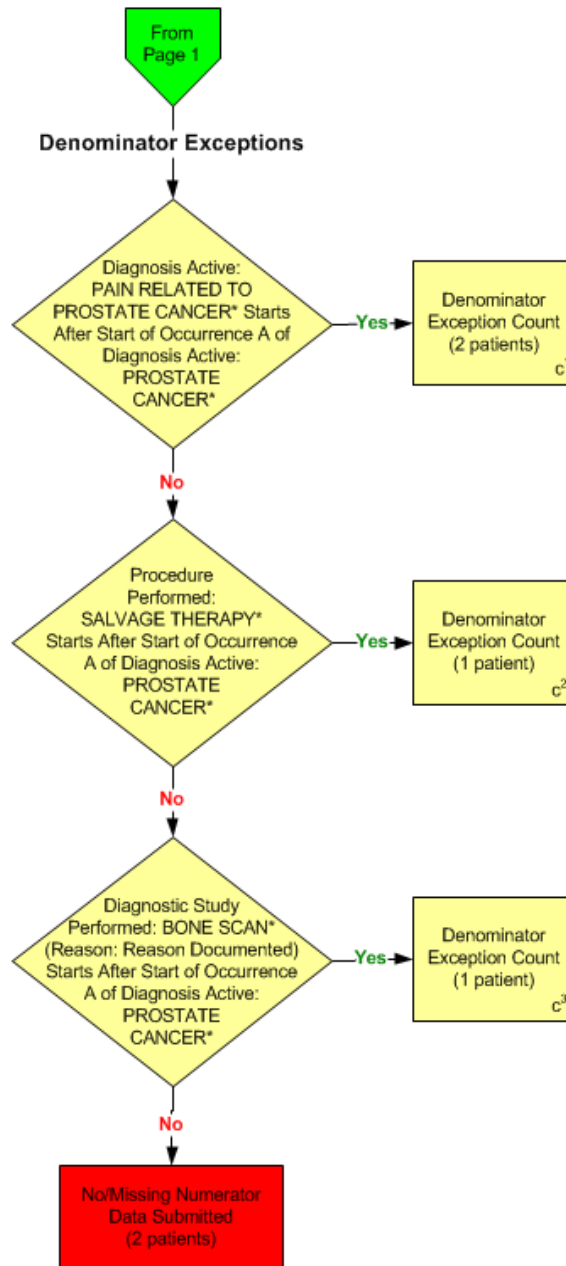
NQF 0389: Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients



*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.

2014 eCQM Flow
Measure Identifier: CMS129v5

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.

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: CMS129v5
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 Population Criteria and associated value sets for use in reporting this eCQM.

1. Start Initial Population
2. Check Diagnosis Active:
 - a. If Occurrence A of Diagnosis Active QDM data element PROSTATE CANCER overlaps measurement period equals Yes, include in the Initial Population and proceed to check Patient Characteristic Sex.
 - b. If Occurrence A of Diagnosis Active QDM data element PROSTATE CANCER overlaps measurement period equals No, do not include in the Initial Population and stop processing.
3. Check Patient Characteristic Sex:
 - a. If Patient Characteristic Sex, MALE equals No, do not include in Initial Population. Stop Processing.
 - b. If Patient Characteristic Sex, MALE equals Yes, continue processing and proceed to Denominator.
4. Start Denominator
 - a. Denominator equals the Initial Population. Proceed to Procedure Performed.
5. Check \$FirstProstateCancerTreatment:
 - a. If the \$FirstProstateCancerTreatment: First Procedure Performed QDM data element PROSTATE CANCER TREATMENT during the measurement period equals Yes, proceed to check Most Recent Laboratory Test Performed.
 - b. If the \$FirstProstateCancerTreatment: First Procedure Performed QDM data element PROSTATE CANCER TREATMENT during the measurement period equals No, do not include in Eligible Population and stop processing.
6. Check Most Recent Laboratory Test Performed:
 - a. If the Most Recent Laboratory Test Performed QDM data element PROSTATE SPECIFIC ANTIGEN TEST (result less than or equal to 10 mg/mL) starts before start of \$MostRecentPrCaClinicalStaging (Procedure Performed QDM data element CLINICAL STAGING PROCEDURE satisfies all most recent starts before start of \$FirstProstateCancerTreatment (First Procedure Performed QDM data element PROSTATE CANCER TREATMENT during the measurement period) AND (result Prostate Cancer Primary Tumor Size T1c) OR (result: Prostate Cancer Primary Tumor Size T2a) equals Yes, proceed to check next Laboratory Test Performed.

- b. If the Most Recent Laboratory Test Performed QDM data element PROSTATE SPECIFIC ANTIGEN TEST (result less than or equal to 10 ng/mL) starts before start of \$MostRecentPrCaClinicalStaging (Procedure Performed QDM data element CLINICAL STAGING PROCEDURE satisfies all most recent starts before start of \$FirstProstateCancerTreatment (First Procedure Performed QDM data element PROSTATE CANCER TREATMENT during the measurement period) AND (result Prostate Cancer Primary Tumor Size T1c) OR (result: Prostate Cancer Primary Tumor Size T2a) equals No, do not include in Eligible Population and stop processing.
7. Check Laboratory Test Performed:
 - a. If the Most Recent Laboratory Test Performed QDM data element GLEASON SCORE (result less than or equal to 6) starts before start of \$FirstProstateCancerTreatment (First Procedure Performed, QDM data element PROSTATE CANCER TREATMENT during the measurement period) AND (result Prostate Cancer Primary Tumor Size T1c) equals Yes, include in Eligible Population.
 - b. If the Most Recent Laboratory Test Performed QDM data element GLEASON SCORE (result less than or equal to 6) starts before start of \$FirstProstateCancerTreatment (First Procedure Performed, QDM data element PROSTATE CANCER TREATMENT during the measurement period) AND (result Prostate Cancer Primary Tumor Size T1c) equals No, do not include in Eligible Population. Stop Processing.
8. Start Eligible Population
 - a. Eligible Population equals the Initial 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.
9. Start Numerator
10. Check Diagnostic Study Performed:
 - a. If AND NOT Diagnostic Study Performed 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 AND NOT Diagnostic Study Performed 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.
11. Start Denominator Exceptions
12. Check Diagnosis Active:
 - a. If the Diagnosis Active 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 the Diagnosis Active 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.

13. Check Procedure Performed:

- a. If the Procedure Performed 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 the Procedure Performed 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.

14. Check Diagnostic Study Performed:

- a. If the 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 the Diagnostic Study Performed 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. Stop Processing.

SAMPLE CALCULATION:

Performance Rate =

$$\frac{\text{Numerator (a=4 patients)}}{\text{Denominator (b=10 patients) - Denominator Exclusions (N/A) - Denominator Exceptions (c}^1\text{ + c}^2\text{ + c}^3\text{ =4 patients)}} = 66.67\%$$