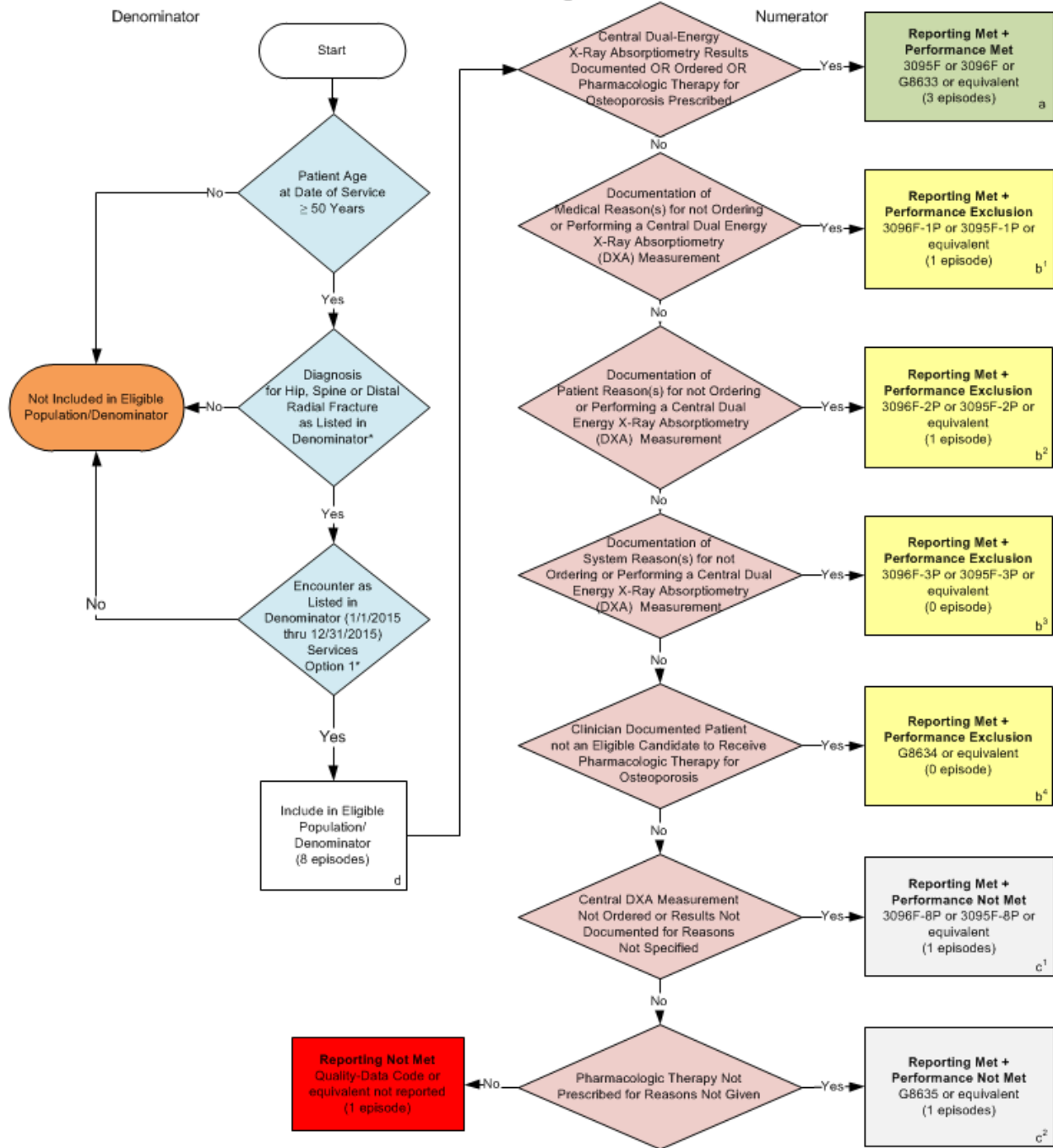


**2015 Claims/Registry Individual Measure Flow**  
**PQRS #40 NQF #0048: Osteoporosis: Management Following Fracture of Hip, Spine or Distal Radius for Men and Women Aged 50 Years and Older**



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

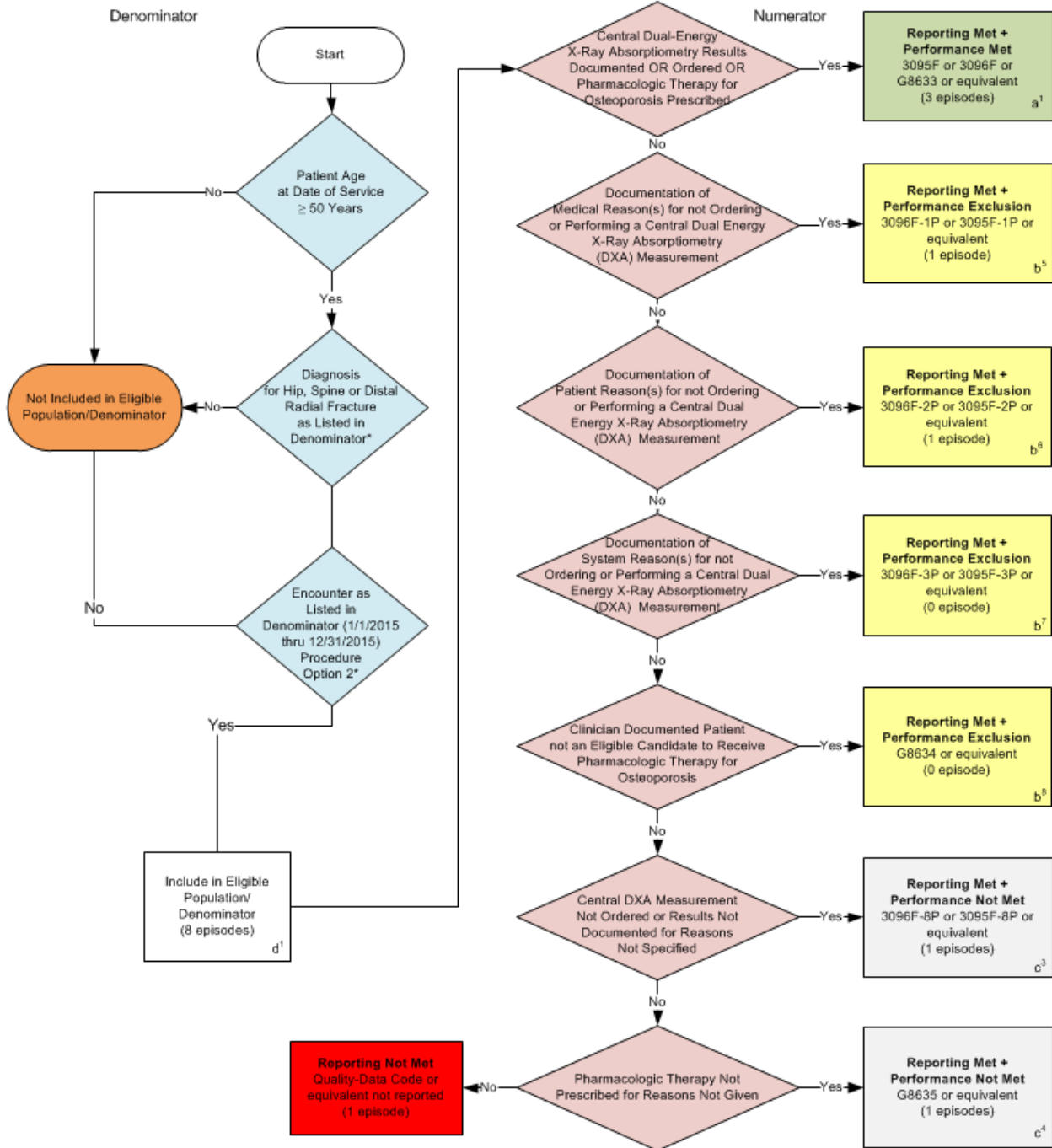
\*\*Dual-Energy X-Ray Absorptiometry (DXA)

This measure contains 2 Reporting Criteria, although as the Sample Calculation indicates, there is **ONLY** one reporting rate and one performance rate for this measure.

NOTE: Reporting Frequency – Episode

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**2015 Claims/Registry Individual Measure Flow – Reporting Option Two**  
**PQRS #40 NQF #0048: Osteoporosis: Management Following Fracture of Hip, Spine or Distal Radius for Men and Women Aged 50 Years and Older**



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

\*\*Dual-Energy X-Ray Absorptiometry (DXA)

This measure contains 2 Reporting Criteria, although as the Sample Calculation indicates, there is **ONLY** one reporting rate and one performance rate for this measure.

NOTE: Reporting Frequency – Episode

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**2015 Claims/Registry Individual Measure Flow – Sample Calculation**  
**PQRS #40 NQF #0048: Osteoporosis: Management Following Fracture of Hip, Spine or Distal Radius for Men and Women Aged 50 Years and Older**

**SAMPLE CALCULATIONS:**

**Reporting Rate=**

Performance Met (a+a<sup>1</sup>=6 episodes) + Performance Exclusion (b<sup>1</sup>+b<sup>2</sup>+b<sup>3</sup>+b<sup>4</sup>+b<sup>5</sup>+b<sup>6</sup>+b<sup>7</sup>+b<sup>8</sup>=4 episodes) + Performance Not Met (c<sup>1</sup>+c<sup>2</sup>+c<sup>3</sup>+c<sup>4</sup>=4 episodes) = 14 episodes = 87.50%  
 Eligible Population / Denominator (d+d<sup>1</sup>=16 episodes) = 16 episodes

**Performance Rate=**

Performance Met (a+a<sup>1</sup>=6 episodes) = 6 episodes = 60.00%  
 Reporting Numerator (14 episodes) – Performance Exclusion (b<sup>1</sup>+b<sup>2</sup>+b<sup>3</sup>+b<sup>4</sup>+b<sup>5</sup>+b<sup>6</sup>+b<sup>7</sup>+b<sup>8</sup>=4 episodes) = 10 episodes

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

\*\*Dual-Energy X-Ray Absorptiometry (DXA)

This measure contains 2 Reporting Criteria, although as the Sample Calculation indicates, there is **ONLY** one reporting rate and one performance rate for this measure.

NOTE: Reporting Frequency – Episode

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**2015 Claims/Registry Individual Measure Flow**  
**PQRS #40 NQF #0048: Management Following Fracture of Hip, Spine or Distal Radius for Men and Women Aged 50 Years and Older**

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 50 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 50 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 Hip, Spine or Distal Radial Fracture as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
  - b. If Diagnosis of Hip, Spine or Distal Radial Fracture as Listed in the Denominator equals Yes, proceed to check Encounter Performed.
4. Check Encounter Services Performed:
  - a. If Encounter Option 1 and Option 2 as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
  - b. If Encounter Option 1 and Option 2 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 episodes in the sample calculation.
6. Start Numerator
7. Check Central Dual-Energy X-Ray Absorptiometry Results Documented OR Ordered Or Pharmacologic Therapy for Osteoporosis Prescribed:
  - a. If Central Dual-Energy X-Ray Absorptiometry Results Documented OR Ordered Or Pharmacologic Therapy for Osteoporosis 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 3 episodes in Sample Calculation.
  - c. If Central Dual-Energy X-Ray Absorptiometry Results Documented OR Ordered Or Pharmacologic Therapy for Osteoporosis Prescribed equals No, proceed to Documentation of Medical Reason(s) for not Ordering or Performing a Central Dual-Energy X-Ray Absorptiometry (DXA) Measurement.

8. Check Documentation of Medical Reason(s) for not Ordering or Performing a Central Dual-Energy X-Ray Absorptiometry (DXA) Measurement:
  - a. If Documentation of Medical Reason(s) for not Ordering or Performing a Central Dual-Energy X-Ray Absorptiometry (DXA) Measurement 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<sup>1</sup> equals 1 episode in the Sample Calculation.
  - c. If Documentation of Medical Reason(s) for not Ordering or Performing a Central Dual-Energy X-Ray Absorptiometry (DXA) Measurement equals No, proceed to Documentation of Patient Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement.
9. Check Documentation of Patient Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement:
  - a. If Documentation of Patient Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement equals Yes, include in Reporting Met and Performance Exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate in the Sample Calculation listed at the end of this document. Letter b<sup>2</sup> equals 1 episode in the Sample Calculation.
  - c. If Documentation of Patient Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement equals No, proceed to Documentation of System Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement.
10. Check Documentation of System Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement:
  - a. If Documentation of System Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement 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<sup>3</sup> equals 0 episodes in the Sample Calculation.
  - c. If Documentation of System Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement equals No, proceed to Clinician Documented Patient not an Eligible Candidate to Receive Pharmacologic Therapy for Osteoporosis.
11. Check Clinician Documented Patient not an Eligible Candidate to Receive Pharmacologic Therapy for Osteoporosis:
  - a. If Clinician Documented Patient not an Eligible Candidate to Receive Pharmacologic Therapy for Osteoporosis equals Yes, include in Reporting Met and Performance Exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate in the Sample Calculation listed at the end of this document. Letter b<sup>4</sup> equals 0 episodes in the Sample Calculation.
  - c. If Clinician Documented Patient not an Eligible Candidate to Receive Pharmacologic Therapy for Osteoporosis equals No, proceed to Central DXA Measurement Not Ordered or Results not documented for Reasons not Specified.

12. Check was Central DXA Measurement Not Ordered or Results Not Documented for Reasons not Specified:
- a. If Central DXA Measurement Not Ordered or Results not documented for Reasons 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<sup>1</sup> equals 1 patients in the Sample Calculation.
  - c. If Central DXA Measurement Not Ordered or Results not documented for Reasons not Specified equals No, proceed to Pharmacologic Therapy Not Prescribed for Reasons Not Given.
13. Check was Pharmacologic Therapy Not Prescribed for Reasons Not Given:
- a. If Pharmacologic Therapy Not Prescribed for Reasons 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<sup>2</sup> equals 1 patient1 episode in the Sample Calculation.
  - c. If Pharmacologic Therapy Not Prescribed for Reasons Not Given equals No, proceed to Reporting Not Met.
14. Check Reporting Not Met:
- a. If Reporting Not Met equals No, Quality Data Code or equivalent not reported. 1 episode has been subtracted from the reporting numerator in sample calculation.

**2015 Claims/Registry Individual Measure Flow**  
**PQRS #40 NQF #0048: Management Following Fracture of Hip, Spine or Distal Radius for Men and Women Aged 50 Years and Older**

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 50 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 50 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 Hip, Spine or Distal Radial Fracture as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
  - b. If Diagnosis of Hip, Spine or Distal Radial Fracture as Listed in the Denominator equals Yes, proceed to check Encounter Performed.
4. Check Encounter Procedures Performed:
  - a. If Encounter Option 1 and Option 2 as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
  - b. If Encounter Option 1 and Option 2 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<sup>1</sup> equals 8 episodes in the sample calculation.
6. Start Numerator
7. Check Central Dual-Energy X-Ray Absorptiometry Results Documented OR Ordered Or Pharmacologic Therapy for Osteoporosis Prescribed:
  - a. If Central Dual-Energy X-Ray Absorptiometry Results Documented OR Ordered Or Pharmacologic Therapy for Osteoporosis 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<sup>1</sup> equals 3 episodes in Sample Calculation.
  - c. If Central Dual-Energy X-Ray Absorptiometry Results Documented OR Ordered Or Pharmacologic Therapy for Osteoporosis Prescribed equals No, proceed to Documentation of Medical Reason(s) for not Ordering or Performing a Central Dual-Energy X-Ray Absorptiometry (DXA) Measurement.

8. Check Documentation of Medical Reason(s) for not Ordering or Performing a Central Dual-Energy X-Ray Absorptiometry (DXA) Measurement:
  - a. If Documentation of Medical Reason(s) for not Ordering or Performing a Central Dual-Energy X-Ray Absorptiometry (DXA) Measurement 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<sup>5</sup> equals 1 episode in the Sample Calculation.
  - c. If Documentation of Medical Reason(s) for not Ordering or Performing a Central Dual-Energy X-Ray Absorptiometry (DXA) Measurement equals No, proceed to Documentation of Patient Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement.
9. Check Documentation of Patient Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement:
  - a. If Documentation of Patient Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement equals Yes, include in Reporting Met and Performance Exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate in the Sample Calculation listed at the end of this document. Letter b<sup>6</sup> equals 1 episode in the Sample Calculation.
  - c. If Documentation of Patient Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement equals No, proceed to Documentation of System Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement.
10. Check Documentation of System Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement:
  - a. If Documentation of System Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement 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<sup>7</sup> equals 0 episodes in the Sample Calculation.
  - c. If Documentation of System Reason(s) for not Ordering or Performing a Central Dual Energy X-Ray Absorptiometry (DXA) Measurement equals No, proceed to Clinician Documented Patient not an Eligible Candidate to Receive Pharmacologic Therapy for Osteoporosis.
11. Check Clinician Documented Patient not an Eligible Candidate to Receive Pharmacologic Therapy for Osteoporosis:
  - a. If Clinician Documented Patient not an Eligible Candidate to Receive Pharmacologic Therapy for Osteoporosis equals Yes, include in Reporting Met and Performance Exclusion.
  - b. Reporting Met and Performance Exclusion letter is represented in the Reporting Rate in the Sample Calculation listed at the end of this document. Letter b<sup>8</sup> equals 0 episodes in the Sample Calculation.
  - c. If Clinician Documented Patient not an Eligible Candidate to Receive Pharmacologic Therapy for Osteoporosis equals No, proceed to Central DXA Measurement Not Ordered or Results not documented for Reasons not Specified.



12. Check was Central DXA Measurement Not Ordered or Results Not Documented for Reasons not Specified:
- If Central DXA Measurement Not Ordered or Results not documented for Reasons not Specified equals Yes, include in Reporting Met and Performance Not Met.
  - 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<sup>3</sup> equals 1 patients in the Sample Calculation.
  - If Central DXA Measurement Not Ordered or Results not documented for Reasons not Specified equals No, proceed to Pharmacologic Therapy Not Prescribed for Reasons Not Given.
13. Check was Pharmacologic Therapy Not Prescribed for Reasons Not Given:
- If Pharmacologic Therapy Not Prescribed for Reasons Not Given equals Yes, include in Reporting Met and Performance Not Met.
  - 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<sup>4</sup> equals 1 patient1 episode in the Sample Calculation.
  - If Pharmacologic Therapy Not Prescribed for Reasons Not Given equals No, proceed to Reporting Not Met.
14. Check Reporting Not Met:
- If Reporting Not Met equals No, Quality Data Code or equivalent not reported. 1 episode has been subtracted from the reporting numerator in sample calculation.

SAMPLE CALCULATIONS:	
<b>Reporting Rate=</b>	
$\frac{\text{Performance Met (a+a}^1\text{=6 episodes) + Performance Exclusion (b}^1\text{+b}^2\text{+b}^3\text{+b}^4\text{+b}^5\text{+b}^6\text{+b}^7\text{+b}^8\text{=4 episodes) + Performance Not Met (c}^1\text{+c}^2\text{+c}^3\text{+c}^4\text{=4 episodes)}}{\text{Eligible Population / Denominator (d+d}^1\text{=16 episodes)}} = \frac{14 \text{ episodes}}{16 \text{ episodes}} = 87.50\%$	
<b>Performance Rate=</b>	
$\frac{\text{Performance Met (a+a}^1\text{=6 episodes)}}{\text{Reporting Numerator (14 episodes) – Performance Exclusion (b}^1\text{+b}^2\text{+b}^3\text{+b}^4\text{+b}^5\text{+b}^6\text{+b}^7\text{+b}^8\text{=4 episodes)}} = \frac{6 \text{ episodes}}{10 \text{ episodes}} = 60.00\%$	

\* See the posted Measure Specification for specific coding and instructions to report this measure. This measure contains 2 Reporting Criteria, although as the Sample Calculation indicates, there is **ONLY** one reporting rate and one performance rate for this measure.

NOTE: Reporting Frequency – Episode