

Quality ID #24 (NQF 0045): Communication with the Physician or Other Clinician Managing On-going Care Post-Fracture for Men and Women Aged 50 Years and Older – National Quality Strategy
Domain: Communication and Care Coordination

2018 OPTIONS FOR INDIVIDUAL MEASURES:

REGISTRY ONLY

MEASURE TYPE:

Process

DESCRIPTION:

Percentage of patients aged 50 years and older treated for a fracture with documentation of communication, between the physician treating the fracture and the physician or other clinician managing the patient's on-going care, that a fracture occurred and that the patient was or should be considered for osteoporosis treatment or testing. This measure is submitted by the physician who treats the fracture and who therefore is held accountable for the communication

INSTRUCTIONS:

This measure is to be submitted after each occurrence of a fracture during the performance period. It is anticipated that eligible clinicians who treat the fracture will submit this measure. Each occurrence of a fracture is identified by either an ICD-10-CM diagnosis code for fracture or osteoporosis and a CPT service code OR an ICD-10-CM diagnosis code for fracture or osteoporosis and a CPT procedure code for surgical treatment of a fracture.

***NOTE:** Patients with a fracture should have documentation in the medical record of communication from the clinician treating the fracture to the clinician managing the patient's on-going care that the fracture occurred and that the patient was or should be tested or treated for osteoporosis. If multiple fractures occurring on the same date of service are submitted on the same claim form, only one instance of submission will be counted. Claims data will be analyzed to determine unique occurrences. Documentation must indicate that communication to the eligible clinician managing the on-going care of the patient occurred within three months of treatment for the fracture. The CPT Category II code should be submitted during the episode of care (e.g., treatment of the fracture). The submission of the code and documentation of communication do not need to occur simultaneously.*

Measure Submission:

The listed denominator criteria is used to identify the intended patient population. The numerator options included in this specification are used to submit the quality actions allowed by 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:

Adults aged 50 years and older who experienced a fracture, except fractures of the finger, toe, face or skull
Eligible cases are determined, and must be submitted, if either of the following conditions

Option 1 - Denominator Criteria (Eligible Cases):

Patients aged ≥ 50 years on date of encounter

AND

Diagnosis for a fracture, except fractures of the finger, toe, face or skull (ICD-10-CM): M48.40XA, M48.41XA, M48.42XA, M48.43XA, M48.44XA, M48.45XA, M48.46XA, M48.47XA, M48.48XA, M84.311A, M84.312A, M84.319A, M84.321A, M84.322A, M84.329A, M84.331A, M84.332A, M84.333A, M84.334A, M84.339A, M84.341A, M84.342A, M84.343A, M84.350A, M84.351A, M84.352A, M84.353A, M84.359A, M84.361A, M84.362A, M84.363A, M84.364A, M84.369A, M84.371A, M84.372A, M84.373A, M84.374A, M84.375A, M84.376A, M84.38XA, M84.750A, M84.751A, M84.752A, M84.753A, M84.754A, M84.755A,

M84.756A, M84.757A, M84.759A, S12.000A, S12.000B, S12.001A, S12.001B, S12.01XA, S12.01XB,
S12.02XA, S12.02XB, S12.030A, S12.030B, S12.031A, S12.031B, S12.040A, S12.040B, S12.041A,
S12.041B, S12.090A, S12.090B, S12.091A, S12.091B, S12.100A, S12.100B, S12.101A, S12.101B,
S12.110A, S12.110B, S12.111A, S12.111B, S12.112A, S12.112B, S12.120A, S12.120B, S12.121A,
S12.121B, S12.130A, S12.130B, S12.131A, S12.131B, S12.14XA, S12.14XB, S12.150A, S12.150B,
S12.151A, S12.151B, S12.190A, S12.190B, S12.191A, S12.191B, S12.200A, S12.200B, S12.201A,
S12.201B, S12.230A, S12.230B, S12.231A, S12.231B, S12.24XA, S12.24XB, S12.250A, S12.250B,
S12.251A, S12.251B, S12.290A, S12.290B, S12.291A, S12.291B, S12.300A, S12.300B, S12.301A,
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S12.601B, S12.630A, S12.630B, S12.631A, S12.631B, S12.64XA, S12.64XB, S12.650A, S12.650B,
S12.651A, S12.651B, S12.690A, S12.690B, S12.691A, S12.691B, S12.8XXA, S12.9XXA, S22.000A,
S22.000B, S22.001A, S22.001B, S22.002A, S22.002B, S22.008A, S22.008B, S22.009A, S22.009B,
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S22.20XB, S22.21XA, S22.21XB, S22.22XA, S22.22XB, S22.23XA, S22.23XB, S22.24XA, S22.24XB,
S22.31XA, S22.31XB, S22.32XA, S22.32XB, S22.39XA, S22.39XB, S22.41XA, S22.41XB, S22.42XA,
S22.42XB, S22.43XA, S22.43XB, S22.49XA, S22.49XB, S22.5XXA, S22.5XXB, S22.9XXA, S22.9XXB,
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S32.16XA, S32.16XB, S32.17XA, S32.17XB, S32.19XA, S32.19XB, S32.2XXA, S32.2XXB, S32.301A,
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AND

Patient encounter during the performance period (CPT or HCPCS): 99201, 99202, 99203, 99204, 99205, 99212, 99213, 99214, 99215, G0402

AND NOT

DENOMINATOR EXCLUSION:

Patients using hospice services any time during the measurement period: G9688

OR

Option 2 - Denominator Criteria (Eligible Cases):

Patients aged ≥ 50 years on the date of encounter **AND**

Diagnosis for a fracture, except fractures of the finger, toe, face or skull (ICD-10-CM): M48.40XA, M48.41XA, M48.42XA, M48.43XA, M48.44XA, M48.45XA, M48.46XA, M48.47XA, M48.48XA, M84.311A, M84.312A, M84.319A, M84.321A, M84.322A, M84.329A, M84.331A, M84.332A, M84.333A, M84.334A, M84.339A, M84.341A, M84.342A, M84.343A, M84.350A, M84.351A, M84.352A, M84.353A, M84.359A, M84.361A, M84.362A, M84.363A, M84.364A, M84.369A, M84.371A, M84.372A, M84.373A, M84.374A, M84.375A, M84.376A, M84.38XA, M84.750A, M84.751A, M84.752A, M84.753A, M84.754A, M84.755A, M84.756A, M84.757A, M84.759A, S12.000A, S12.000B, S12.001A, S12.001B, S12.01XA, S12.01XB, S12.02XA, S12.02XB, S12.030A, S12.030B, S12.031A, S12.031B, S12.040A, S12.040B, S12.041A, S12.041B, S12.090A, S12.090B, S12.091A, S12.091B, S12.100A, S12.100B, S12.101A, S12.101B, S12.110A, S12.110B, S12.111A, S12.111B, S12.112A, S12.112B, S12.120A, S12.120B, S12.121A, S12.121B, S12.130A, S12.130B, S12.131A, S12.131B, S12.14XA, S12.14XB, S12.150A, S12.150B, S12.151A, S12.151B, S12.190A, S12.190B, S12.191A, S12.191B, S12.200A, S12.200B, S12.201A, S12.201B, S12.230A, S12.230B, S12.231A, S12.231B, S12.24XA, S12.24XB, S12.250A, S12.250B, S12.251A, S12.251B, S12.290A, S12.290B, S12.291A, S12.291B, S12.300A, S12.300B, S12.301A, S12.301B, S12.330A, S12.330B, S12.331A, S12.331B, S12.34XA, S12.34XB, S12.350A, S12.350B, S12.351A, S12.351B, S12.390A, S12.390B, S12.391A, S12.391B, S12.400A, S12.400B, S12.401A, S12.401B, S12.430A, S12.430B, S12.431A, S12.431B, S12.44XA, S12.44XB, S12.450A, S12.450B, S12.451A, S12.451B, S12.490A, S12.490B, S12.491A, S12.491B, S12.500A, S12.500B, S12.501A,

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AND

Patient encounter during the performance period (CPT Codes): 22310, 22315, 22318, 22319, 22325, 22326, 22327, 22510, 22511, 22513, 22514, 25600, 25605, 25606, 25607, 25608, 25609, 27230, 27232, 27235, 27236, 27238, 27240, 27244, 27245, 27246, 27248

AND NOT

DENOMINATOR EXCLUSION:

Patients using hospice services any time during the measurement period: G9688

NUMERATOR:

Patients with documentation of communication with the physician or other clinician managing the patient's on-going care that a fracture occurred and that the patient was or should be considered for osteoporosis testing or treatment

Definition:

Communication – May include documentation in the medical record indicating that the clinician treating the fracture communicated (e.g., verbally, by letter, through shared electronic health record, a bone mineral density test report was sent) with the clinician managing the patient's on-going care OR a copy of a letter in the medical record outlining whether the patient was or should be treated for osteoporosis.

Numerator Options:

Performance Met:

Documentation of communication that a fracture occurred and that the patient was or should be tested or treated for osteoporosis (**5015F**)

OR

Performance Not Met:

No documentation of communication that a fracture occurred and that the patient was or should be tested or treated for osteoporosis, reason not otherwise specified (**5015F with 8P**)

RATIONALE:

This measure aims to improve the communication and coordination from the physician treating the fracture in the acute care setting to the physician or clinician who is responsible for follow-up care for osteoporosis. Patients who experience a fragility fracture should either be treated or screened for the presence of osteoporosis. Although the fracture may be treated by the orthopedic surgeon, the testing and/or treatment is likely to be under the responsibility of the physician providing on-going care. It is important the physician or other clinician providing on-going care for the patient be made aware the patient has sustained a fracture so that the proper care and treatment plan can be put in place to prevent a secondary fracture from occurring. This measure holds the physician who treated the fracture accountable for this communication to the on-going care provider.

CLINICAL RECOMMENDATION STATEMENTS:

The most important risk factors for osteoporosis-related fractures are a prior low-trauma fracture as an adult and a low BMD in patients with or without fractures. (AACE) BMD measurement should be performed in all women 40 years old or older who have sustained a fracture. (AACE)

The decision to measure bone density should follow an individualized approach. It should be considered when it will help the patient decide whether to institute treatment to prevent osteoporotic fracture. It should also be considered in patients receiving glucocorticoid therapy for 2 months or more and patients with other conditions that place them at high risk for osteoporotic fracture. (NIH)

The most commonly used measurement to diagnose osteoporosis and predict fracture risk is based on assessment of BMD by dual-energy X-ray absorptiometry (DXA). (NIH) Measurements of BMD made at the hip predict hip fracture better than measurements made at other sites while BMD measurement at the spine predicts spine fracture better than measures at other sites. (NIH)

The single most powerful predictor of a future osteoporotic fracture is the presence of previous such fractures. (AGA)

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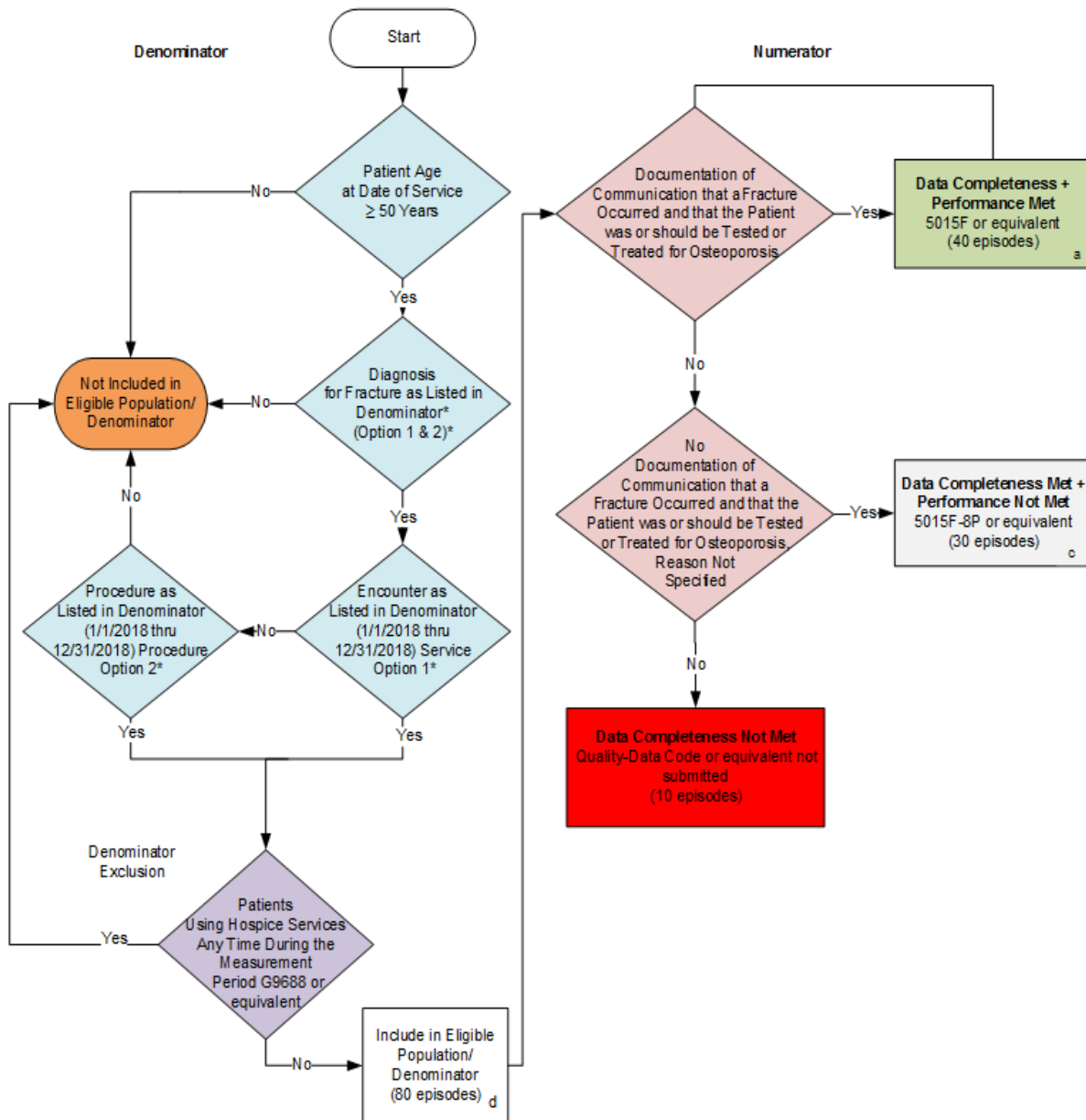
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**2018 Registry Flow for Quality ID #24 NQF #0045:
Communication with the Physician or Other Clinician Managing On-going Care Post-Fracture for
Men and Women Aged 50 Years and Older**



SAMPLE CALCULATIONS:

Data Completeness=

Performance Met (a=40 episodes) + Performance Not Met (c=30 episodes) = 70 episodes = 87.50%
Eligible Population / Denominator (d=80 episodes) = 80 episodes

Performance Rate=

Performance Met (a=40 episodes) = 40 episodes = 57.14%
Data Completeness Numerator (70 episodes) = 70 episodes

*See the posted Measure Specification for specific coding and instructions to submit this measure.
NOTE: Submission Frequency: Episode

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The measure diagrams were developed by CMS as a supplemental resource to be used
in conjunction with the measure specifications. They should not be used alone or as a
substitution for the measure specification.

v2

2018 Registry Flow For Quality ID

#24 NQF #0045: Communication with the Physician or Other Clinician Managing On-going Care Post-Fracture for Men and Women Aged 50 Years and Older

Please refer to the specific section of the specification to identify the denominator and numerator information for use in submitting this Individual Specification. This flow is for registry data submission.

1. Start with Denominator
2. Check Patient Age:
 - a. If Patient Age at Date of Encounter is equal to or greater than 50 years equals No during the measurement period, do not include in Eligible Patient Population. Stop Processing.
 - b. If Patient Age at Date of Encounter is equal to or greater than 50 years equals Yes during the measurement period, proceed to check Patient Diagnosis.
3. Check Patient Diagnosis:
 - a. If Diagnosis for Fracture as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
 - b. If Diagnosis for Fracture as Listed in the Denominator equals Yes, proceed to check Encounter Service Option 1.
4. Check Encounter Service Option 1:
 - a. If Encounters Service Option 1 as Listed in the Denominator equals No, proceed to check Encounter Procedure Option 2.
 - b. If Encounters Service Option 1 as Listed in the Denominator equals Yes, proceed to check Patient Using Hospice Services Any Time During the Performance Period.
5. Check Encounter Procedure Option 2:
 - a. If Encounters Procedure Option 2 as Listed in the Denominator equals No, do not include in Eligible Population. Stop Processing.
 - b. If Encounters Procedure Option 2 as Listed in the Denominator equals Yes, proceed to check Patient Using Hospice Services Any Time During the Performance Period
6. Check Patients Using Hospice Services Any Time During the Performance Period:
 - a. If Patients Using Hospice Services Any Time During the Performance Period equals No, include in the Eligible Population.
 - b. If Patients Using Hospice Services Any Time During the Performance Period equals Yes, do not include in Eligible Population. Stop Processing
7. 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 80 episodes in the Sample Calculation.

8. Start Numerator
9. Check Documentation of Communication that a Fracture Occurred and that the Patient was or should be Tested or Treated for Osteoporosis:
 - a. If Documentation of Communication that a Fracture Occurred and that the Patient was or should be Tested or Treated for Osteoporosis equals Yes, include in Data Completeness Met and Performance Met.
 - b. Data Completeness Met and Performance Met letter is represented as Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter a equals 40 episodes in the Sample Calculation.
 - b. If Documentation of Communication that a Fracture Occurred and that the Patient was or should be Tested or Treated for Osteoporosis equals No, proceed to No Documentation of Communication that a Fracture Occurred and that the Patient was or should be Tested or Treated for Osteoporosis, Reason Not Specified.
10. Check No Documentation of Communication that a Fracture Occurred and that the Patient was or should be Tested or Treated for Osteoporosis, Reason Not Specified:
 - a. If No Documentation of Communication that a Fracture Occurred and that the Patient was or should be Tested or Treated for Osteoporosis, Reason Not Specified equals Yes, include in Data Completeness Met and Performance Not Met.
 - b. Data Completeness Met and Performance Not Met letter is represented as Data Completeness in the Sample Calculation listed at the end of this document. Letter c equals 30 episodes the Sample Calculation.
 - c. If No Documentation of Communication that a Fracture Occurred and that the Patient was or should be Tested or Treated for Osteoporosis, Reason Not Specified equals No, proceed to Data Completeness Not Met.
11. Check Data Completeness Not Met:
 - a. If Data Completeness Not Met equals No, Quality Data Code or equivalent not submitted. 10 episodes have been subtracted from the Data Completeness Numerator in the Sample Calculation.

SAMPLE CALCULATIONS:

Data Completeness=

Performance Met (a=40 episodes) + Performance Not Met (c=30 episodes) = 70 episodes = **87.50%**
 Eligible Population / Denominator (d=80 episodes) = 80 episodes

Performance Rate=

Performance Met (a=40 episodes) = $\frac{40 \text{ episodes}}{70 \text{ episodes}}$ = **57.14%**
 Data Completeness Numerator (70 episodes) = 70 episodes