

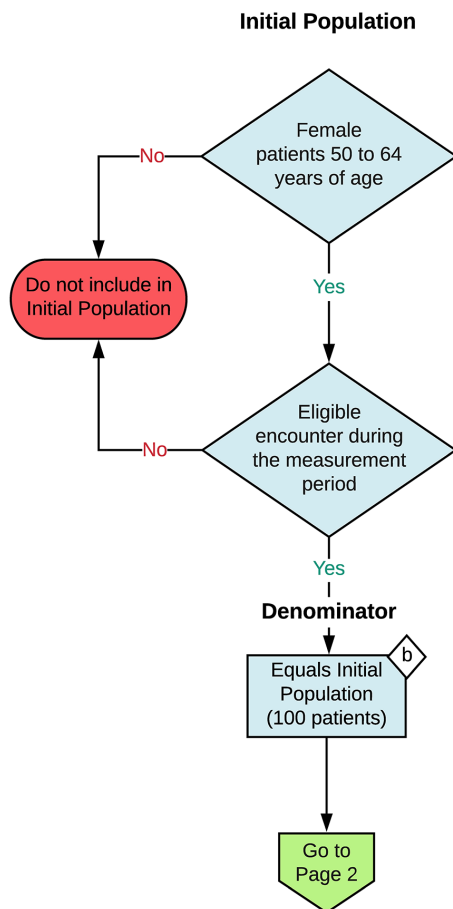
2022 eCQM Flow
eCQM Identifier: CMS249v4
NQF Number: 3475e

NOTE: This flow diagram represents an overview of population criteria requirements. **Refer to the eCQM specification for a complete list of data elements included in this measure and required for submission.**

Appropriate Use of DXA Scans in Women Under 65 Years Who Do Not Meet the Risk Factor Profile for Osteoporotic Fracture

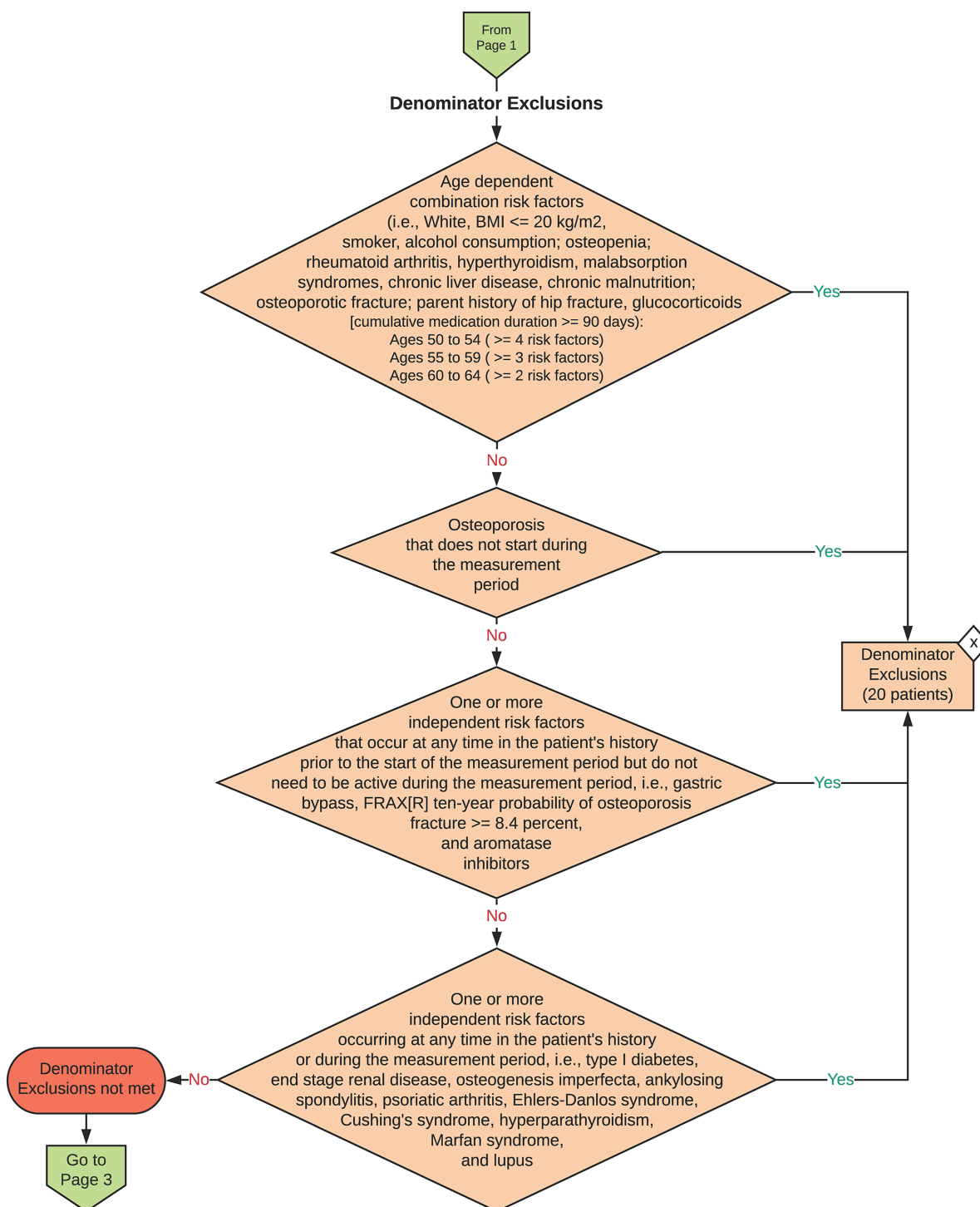
Percentage of female patients 50 to 64 years of age without select risk factors for osteoporotic fracture who received an order for a dual-energy x-ray absorptiometry (DXA) scan during the measurement period

This eCQM is a patient-based measure



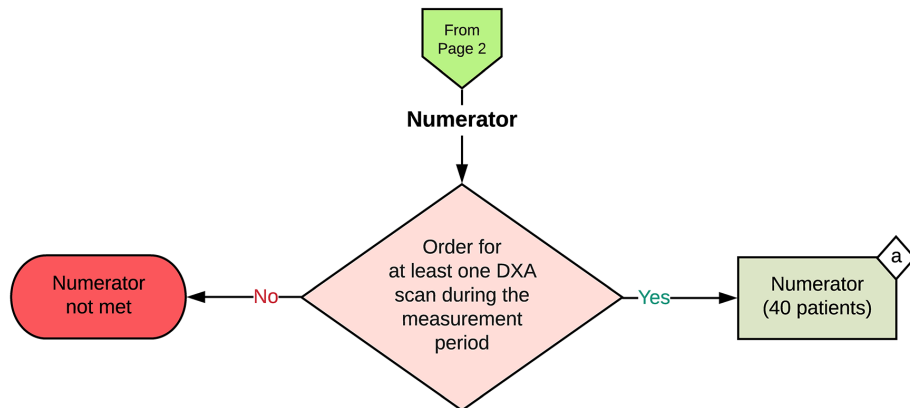
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Who Do Not Meet the Risk Factor Profile
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Sample Calculation

Performance Rate** =

Numerator (a = 40 patients)

Denominator (b = 100 patients) - Denominator Exclusions (x = 20 patients)

$$= \frac{40}{80} = 50\%$$

****A lower score indicates better quality**

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eCQM Title: Appropriate Use of DXA Scans in Women Under 65 Years Who Do Not Meet the Risk Factor Profile for Osteoporotic Fracture

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Description: Percentage of female patients 50 to 64 years of age without select risk factors for osteoporotic fracture who received an order for a dual-energy x-ray absorptiometry (DXA) scan during the measurement period.

This eCQM is a patient-based measure.

eCQM Flow Narrative

Initial Population

Start by identifying the Initial Population, which includes female patients 50 to 64 years of age with an eligible encounter during the measurement period.

Denominator

The Denominator equals the Initial Population. In the sample calculation provided at the end of the eCQM flow, the Denominator is equal to 100 patients.

Denominator Exclusions

The Denominator Exclusions criteria identify a subset of the Denominator population by excluding patients with age dependent combination risk factors (for ages 50 to 54, the criteria exclude patients with greater than or equal to 4 risk factors; for ages 55 to 59, the criteria exclude patients with greater than or equal to 3 risk factors; for ages 60 to 64, the criteria exclude patients with greater than or equal to 2 risk factors). The Denominator Exclusions criteria also exclude patients with osteoporosis that does not start during the measurement period, one or more independent risk factors that occur at any time in the patient's history but do not need to be active during the measurement period (i.e., gastric bypass, FRAX[R] ten-year probability of all major osteoporosis related fracture ≥ 8.4 percent, and aromatase inhibitors), or one or more independent risk factors occurring at any time in the patient's history or during the measurement period (i.e., type I diabetes, end stage renal disease, osteogenesis imperfecta, ankylosing spondylitis, psoriatic arthritis, Ehlers-Danlos syndrome, Cushing's syndrome, hyperparathyroidism, Marfan syndrome, and lupus). In the sample calculation provided at the end of the eCQM flow, the Denominator Exclusions are equal to 20 patients.

Numerator

The Numerator criteria identify a subset of the Denominator population (that did not meet the Denominator Exclusions criteria) by including patients with an order for at least one dual-energy x-ray absorptiometry (DXA) scan during the measurement period. In the sample calculation provided at the end of the eCQM flow, the Numerator is equal to 40 patients.

Sample Calculation

A sample calculation is provided to help determine how the measure performance rate is derived. The measure performance rate is calculated by dividing the Numerator (total equals 40 patients) by the

difference between the Denominator (total equals 100 patients) and the Denominator Exclusions (total equals 20 patients), which is equal to a score of 50 percent.