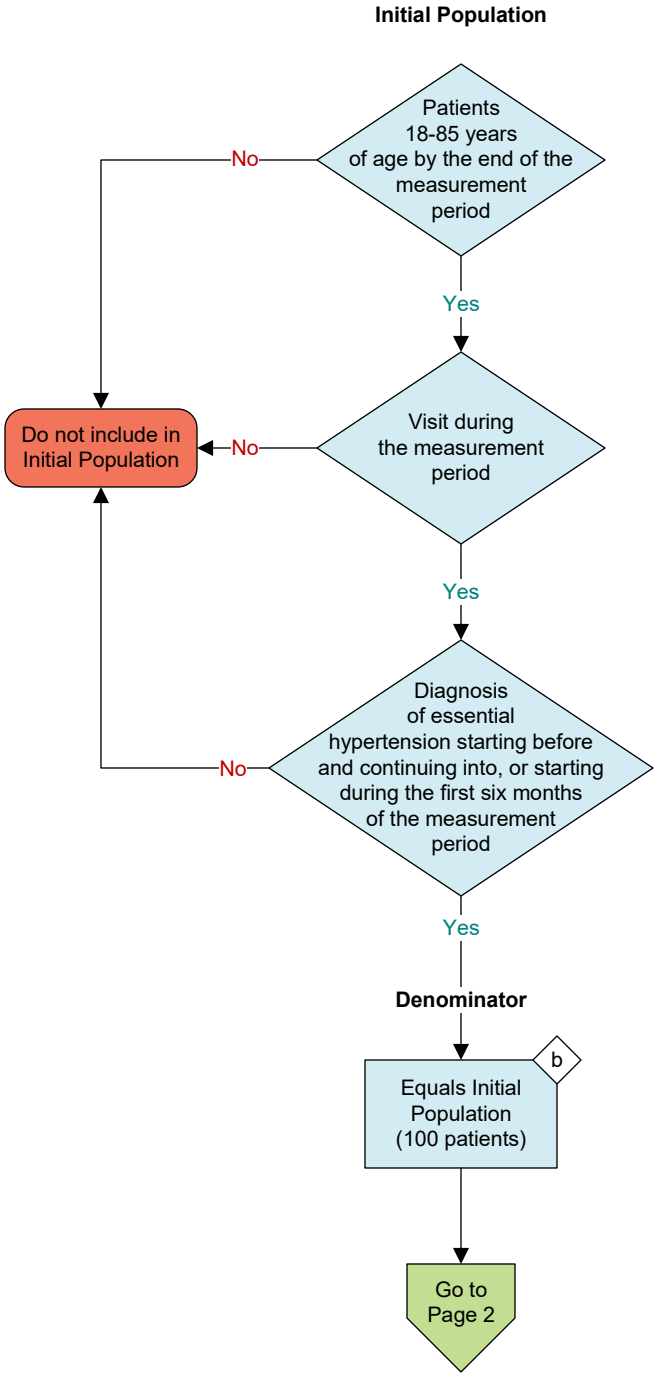
2027 eCQM Flow
eCQM Identifier: CMS165v15

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.**

Controlling High Blood Pressure

Percentage of patients 18-85 years of age who had a diagnosis of essential hypertension starting before and continuing into, or starting during the first six months of the measurement period, and whose most recent blood pressure is adequately controlled (< 140/90 mmHg) during the measurement period

This eCQM is a patient-based measure



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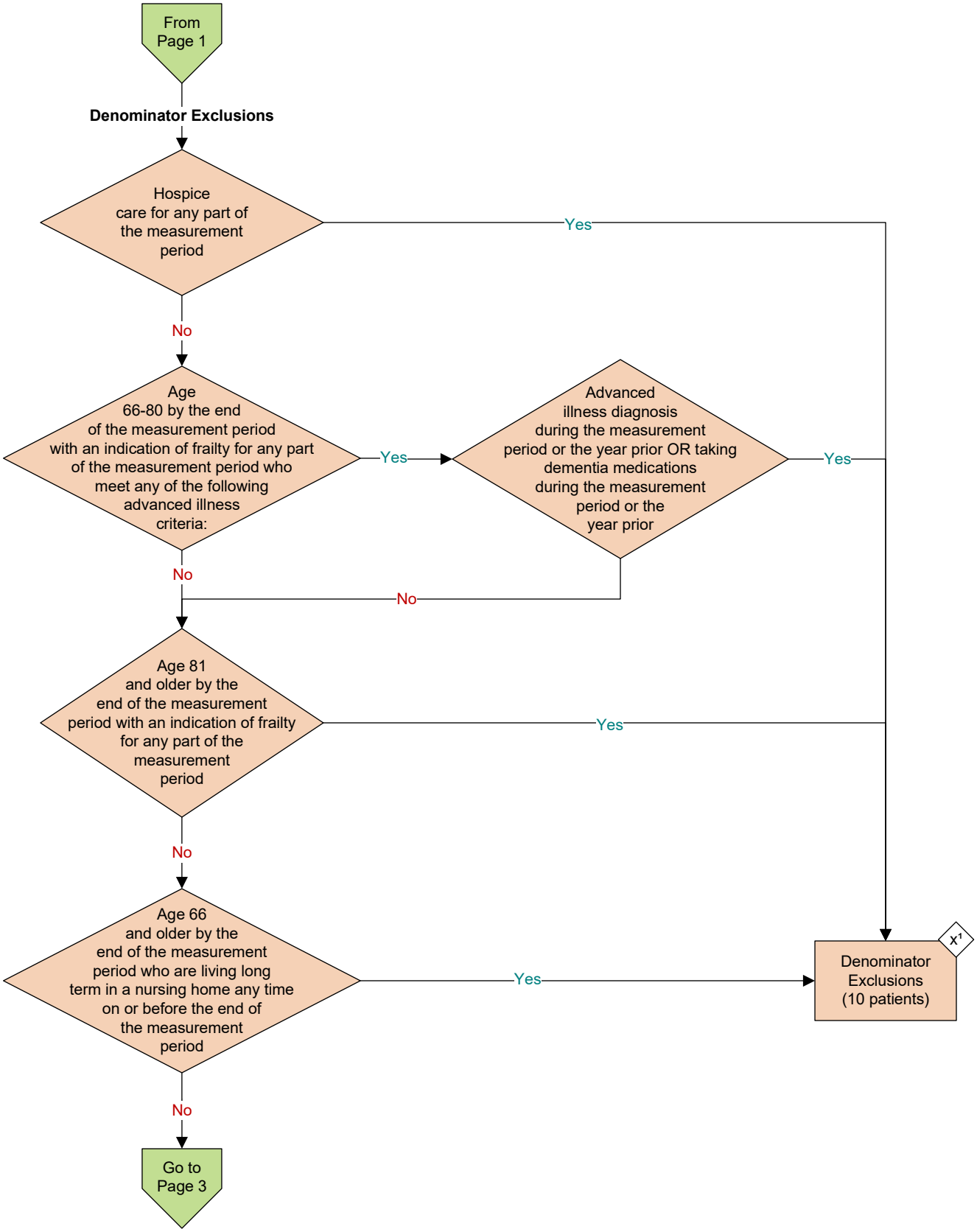
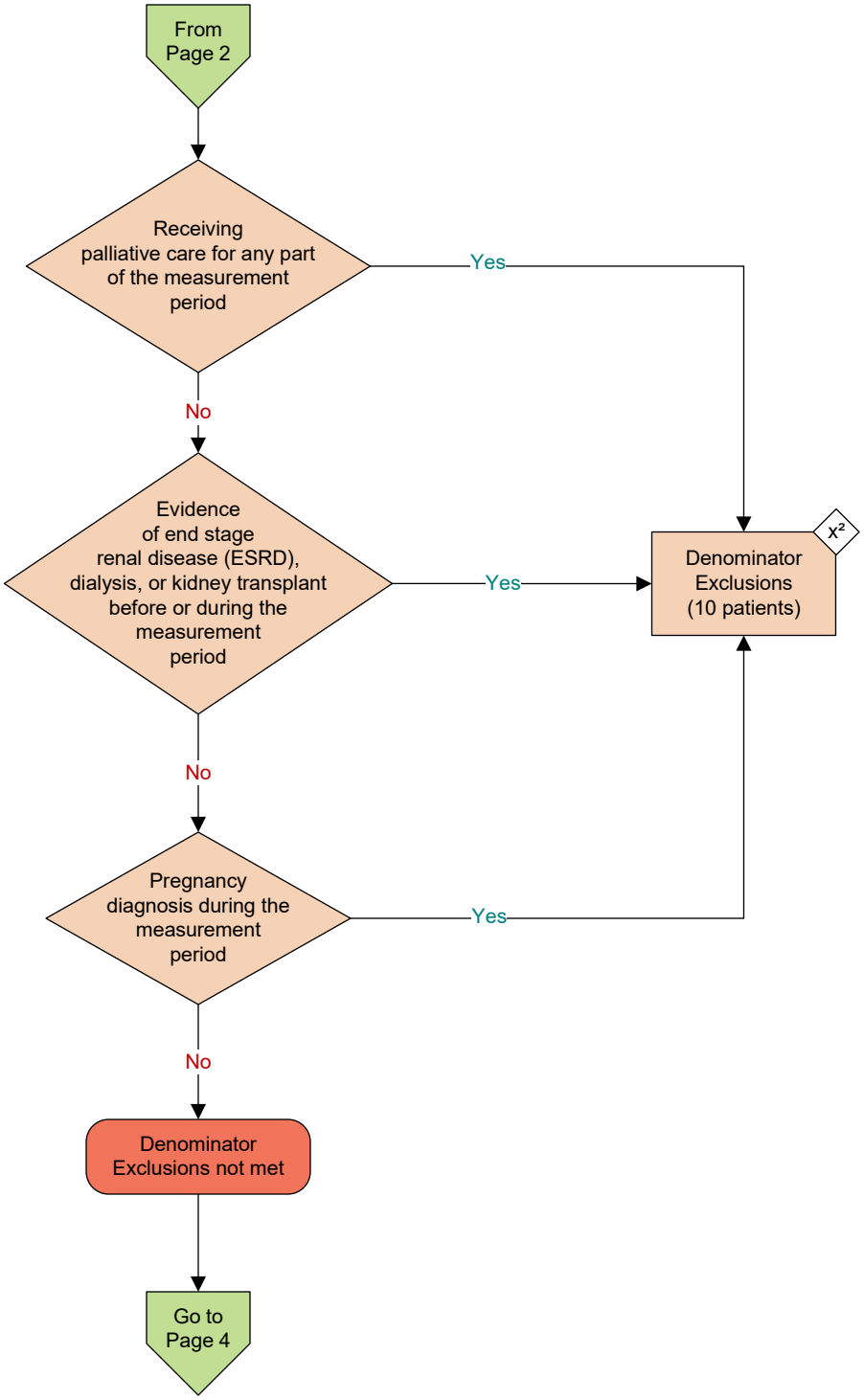
Controlling High Blood Pressure




From Page 2
Receiving palliative care for any part of the measurement period
Yes
No
Evidence of end stage renal disease (ESRD), dialysis, or kidney transplant before or during the measurement period
Yes
Denominator Exclusions (10 patients)
X²
No
Pregnancy diagnosis during the measurement period
Yes
No
Denominator Exclusions not met
Go to Page 4

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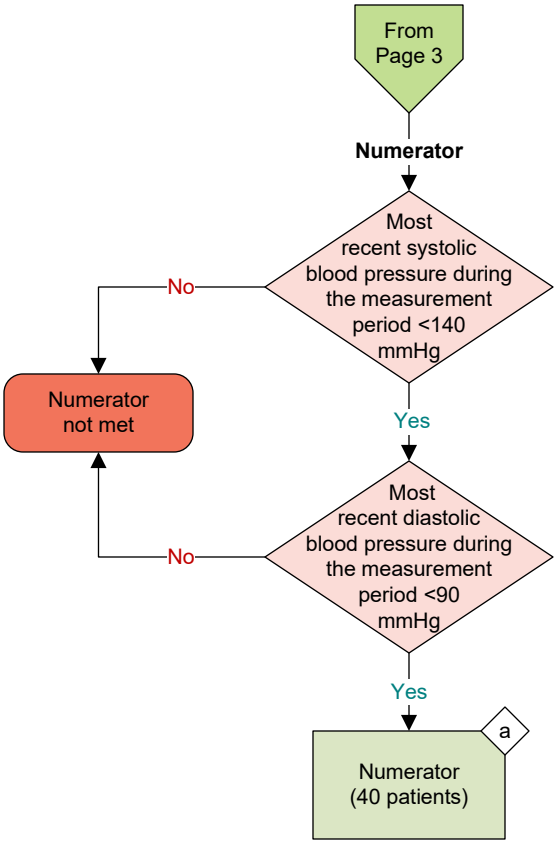
Controlling High Blood Pressure



Sample Calculation

Performance Rate =

$$\frac{\text{Numerator (a = 40 patients)}}{\text{Denominator (b = 100 patients) - Denominator Exclusions } (x^1 + x^2 = 20 \text{ patients})} = \frac{40}{80} = 50\ \%$$

eCQM Identifier: CMS165v15
eCQM Title: Controlling High Blood Pressure

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.

Description: Percentage of patients 18 to 85 years of age who had a diagnosis of essential hypertension starting before and continuing into, or starting during the first six months of the measurement period, and whose most recent blood pressure is adequately controlled (less than 140/90 millimeters of mercury) during the measurement period.

This eCQM is a patient-based measure.

eCQM Flow Narrative

Initial Population
Start by identifying the Initial Population, which includes patients 18 to 85 years of age by the end of the measurement period with a visit during the measurement period and a diagnosis of essential hypertension starting before and continuing into, or starting during the first six months of 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 in hospice care for any part of the measurement period; patients age 66-80 by the end of the measurement period with an indication of frailty for any part of the measurement period and advanced illness diagnosis or taking dementia medications during the measurement period or the year prior; patients age 81 and older by the end of the measurement period with an indication of frailty for any part of the measurement period; patients age 66 and older by the end of the measurement period who are living long term in a nursing home any time on or before the end of the measurement period; patients receiving palliative care for any part of the measurement period; patients who had evidence of end stage renal disease (ESRD), dialysis or kidney transplant before or during the measurement period; and patients with a diagnosis of pregnancy during the measurement period. 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 most recent systolic blood pressure during the measurement period less than 140 millimeters of mercury and most recent diastolic blood pressure during the measurement period less than 90 millimeters of mercury. 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.