

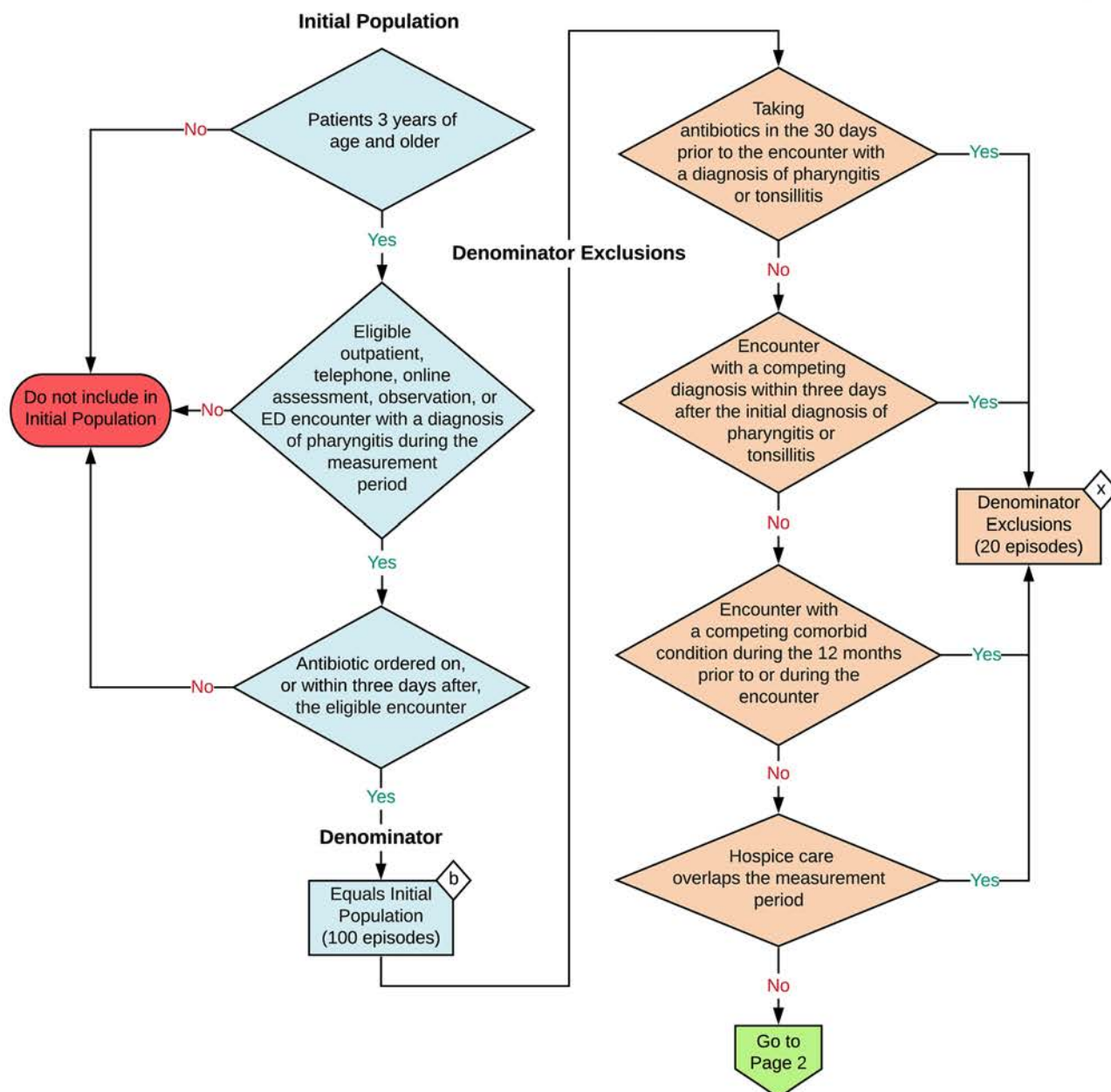
**2021 eCQM Flow**  
**eCQM Identifier: CMS146v9**

**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 Testing for Pharyngitis**

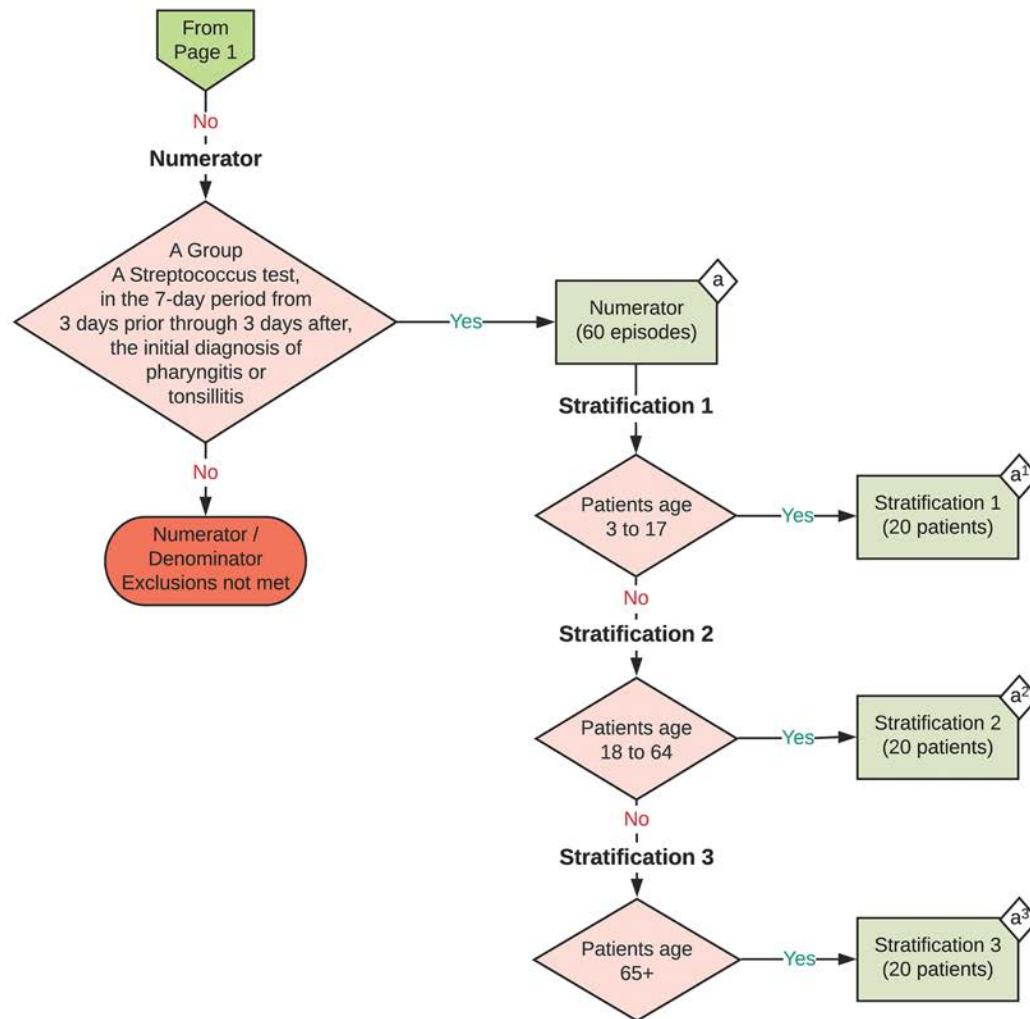
Percentage of episodes for patients 3 years and older with a diagnosis of pharyngitis that resulted in an antibiotic dispensing event and a group A streptococcus (strep) test

This eCQM is an episode-based measure



2021 eCQM Flow  
eCQM Identifier: CMS146v9

### Appropriate Testing for Pharyngitis



## Sample Calculation

**Performance Rate =**

$$\frac{\text{Numerator (a = 60 patients)}}{\text{Denominator (b = 100 patients) - Denominator Exclusions (x = 20 patients)}} = \frac{60}{80} = 75 \%$$

**Stratification 1 of Performance Rate =**

$$\frac{\text{Numerator (a}^1\text{ = 20 patients)}}{\text{Denominator (b = 100 patients) - Denominator Exclusions (x = 20 patients)}} = \frac{20}{80} = 25 \%$$

**Stratification 2 of Performance Rate =**

$$\frac{\text{Numerator (a}^2\text{ = 20 patients)}}{\text{Denominator (b = 100 patients) - Denominator Exclusions (x = 20 patients)}} = \frac{20}{80} = 25 \%$$

**Stratification 3 of Performance Rate =**

$$\frac{\text{Numerator (a}^3\text{ = 20 patients)}}{\text{Denominator (b = 100 patients) - Denominator Exclusions (x = 20 patients)}} = \frac{20}{80} = 25 \%$$

**eCQM Identifier: CMS146v9****eCQM Title: Appropriate Testing for Pharyngitis**

**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 encounters for patients 3 years of age and older with a diagnosis of pharyngitis that resulted in an antibiotic dispensing event and a group A streptococcus (strep) test.

**This eCQM is an episode-based measure.**

**eCQM Flow Narrative****Initial Population**

Start by identifying the Initial Population, which includes eligible encounters with a diagnosis of pharyngitis and an antibiotic dispensing event within 3 days of the eligible encounter among patients 3 years or older.

**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 episodes.

**Denominator Exclusions**

The Denominator Exclusions criteria identify a subset of the Denominator population by excluding episodes where the patient is taking antibiotics in the 30 days prior to the diagnosis of pharyngitis, episodes where the patient had a competing comorbid condition during the 12 months prior to or on the episode date, episodes where the patient had hospice care overlapping the measurement period, or episodes where the patient had a competing diagnosis within three days after the initial diagnosis of pharyngitis. In the sample calculation provided at the end of the eCQM flow, the Denominator Exclusions are equal to 20 episodes.

**Numerator**

The Numerator criteria identify a subset of the Denominator population (that did not meet the Denominator Exclusions criteria) by including episodes with a Group A Streptococcus test, in the 7-day period from three days prior through three days after the diagnosis of pharyngitis. In the sample calculation provided at the end of the eCQM flow, the Numerator is equal to 60 episodes.

**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 60 episodes) by the difference between the Denominator (total equals 100 episodes) and the Denominator Exclusions (total equals 20 episodes), which is equal to a score of 75 percent.

**Stratification 1**

There are three strata for reporting separately by age group. Stratification 1 includes patients 3 to 17 years of age. In the sample calculation provided at the end of the eCQM flow, Stratification 1 is equal to 20 patients.

**Stratification 2**

There are three strata for reporting separately by age group. Stratification 2 includes patients 18 to 64 years of age. In the sample calculation provided at the end of the eCQM flow, Stratification 2 is equal to 20 patients.

**Stratification 3**

There are three strata for reporting separately by age group. Stratification 3 includes patients 65 years of age and older. In the sample calculation provided at the end of the eCQM flow, Stratification 3 is equal to 20 patients.