

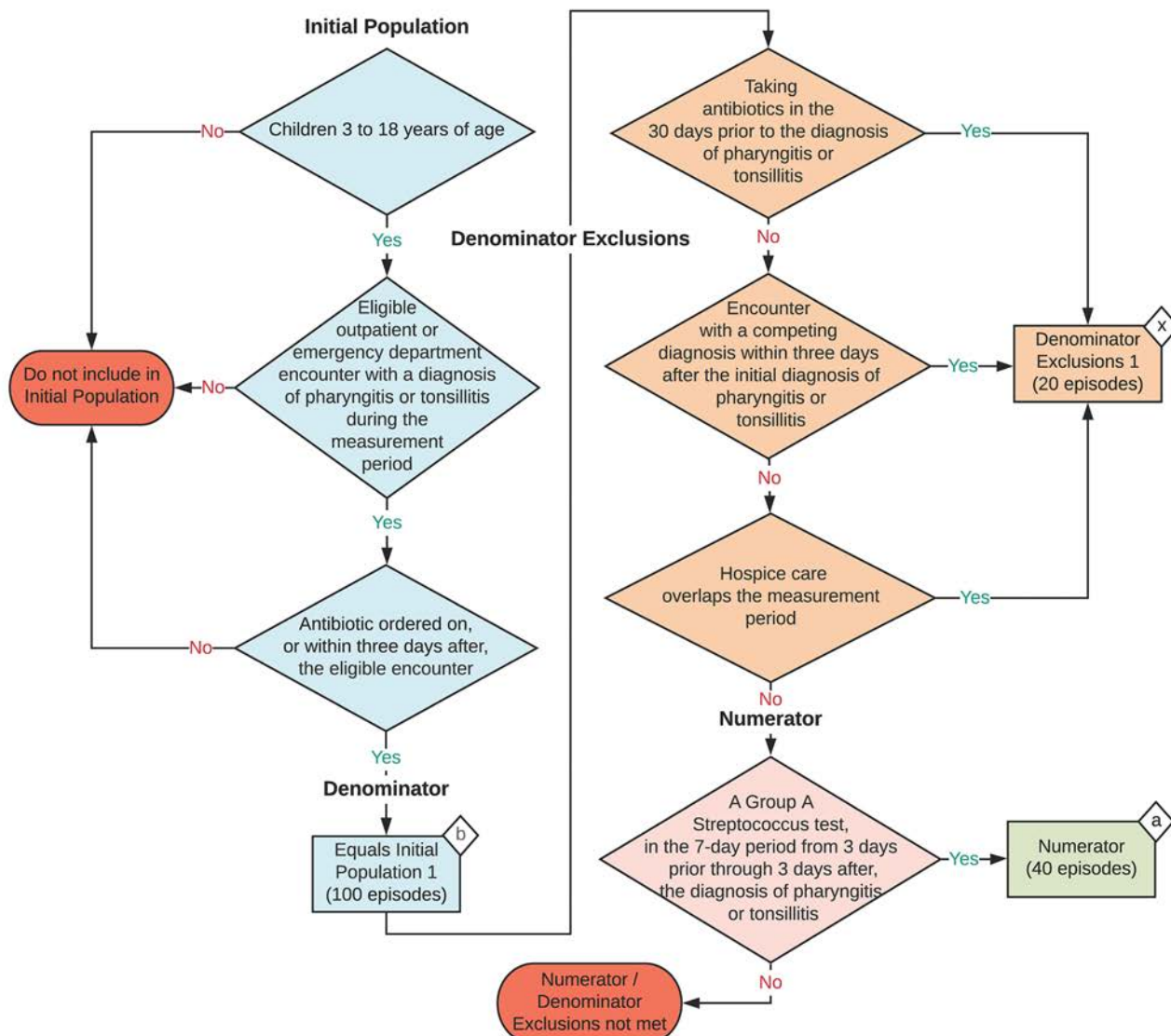
## 2020 eCQM Flow eCQM Identifier: CMS146v8

**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 Children with Pharyngitis

Percentage of children 3-18 years of age who were diagnosed with pharyngitis, ordered an antibiotic and received a group A streptococcus (strep) test for the episode

This eCQM is an episode-based measure



### Sample Calculation

**Performance Rate =**

Numerator (a = 40 episodes)

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

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

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**Description:** Percentage of children 3 to 18 years of age who were diagnosed with pharyngitis, ordered an antibiotic and received a group A streptococcus (strep) test for the episode.

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

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

Start by identifying the Initial Population, which includes children 3 to 18 years of age with an eligible outpatient or emergency department encounter with a diagnosis of pharyngitis or tonsillitis during the measurement period and an antibiotic ordered on, or within three days after, the eligible encounter.

**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 children taking antibiotics in the 30 days prior to the diagnosis of pharyngitis, children whose hospice care overlaps the measurement period, or encounter with 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 encounters 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 40 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 40 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 50 percent.