

## Appropriate Treatment for Upper Respiratory Infection (URI)

By working together, we can improve health outcomes for your patients, our members. The Healthcare Effectiveness Data and Information Set (HEDIS®) helps us measure many aspects of performance. This tip sheet provides key details of the HEDIS measure for appropriate treatment for upper respiratory infection.

### What Is the Measure?

The percentage of episodes for members 3 months of age or older with a diagnosis of upper respiratory infection (URI) that **did not result** in an antibiotic prescription.

### How to Improve Your Quality Score

This measure considers all eligible episodes so a patient can count more than once toward performance for a measurement year.

- Review and document the diagnosis and discuss the importance of not prescribing an antibiotic with your patient.
- Schedule follow-up appointments as needed.

**Note:** Compliance is met if the patient did not receive antibiotic medication during the episode period which is a four-day period spanning from the diagnosis event date to three days after the episode.

Compliance is determined independently for each eligible episode occurring in a measurement year.

### Antibiotic Medications

<u>Medication Type</u>	<u>Prescription(s)</u>
<b>Aminoglycosides</b>	Amikacin, Gentamicin, Streptomycin, Tobramycin
<b>Aminopenicillins</b>	Amoxicillin, Ampicillin
<b>Beta-lactamase inhibitors</b>	Amoxicillin-clavulanate, Ampicillin sulbactam, Piperacillin-tazobactam
<b>First generation cephalosporins</b>	Cefadroxil, Cefazolin, Cephalexin
<b>Fourth generation cephalosporins</b>	Cefepime
<b>Lincomycin derivatives</b>	Clindamycin, Lincomycin
<b>Macrolides</b>	Azithromycin, Clarithromycin, Erythromycin

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## Antibiotic Medications (continued)

<u>Medication Type</u>	<u>Prescription(s)</u>
<b>Miscellaneous antibiotics</b>	Aztreonam, Chloramphenicol, Dalfopristin-quinupristin, Daptomycin, Linezolid, Metronidazole, Vancomycin
<b>Natural penicillin(s)</b>	Penicillin G benzathine-procaine Penicillin G potassium, Penicillin G procaine, Penicillin G sodium, Penicillin V potassium, Penicillin G benzathine
<b>Penicillinase-resistant penicillin(s)</b>	Dicloxacillin, Nafcillin, Oxacillin
<b>Quinolones</b>	Ciprofloxacin, Gemifloxacin, Levofloxacin, Moxifloxacin, Ofloxacin
<b>Rifamycin derivatives</b>	Rifampin
<b>Second generation cephalosporins</b>	Cefaclor, Cefotetan, Cefoxitin, Cefprozil, Cefuroxime
<b>Sulfonamides</b>	Sulfadiazine, Sulfamethoxazole-trimethoprim
<b>Tetracyclines</b>	Doxycycline, Minocycline, Tetracycline
<b>Third generation cephalosporins</b>	Cefdinir, Cefixime, Cefotaxime, Cefpodoxime, Ceftriaxone, Ceftazidime
<b>Urinary anti-infectives</b>	Fosfomycin, Nitrofurantoin, Nitrofurantoin macrocrystals-monohydrate, Trimethoprim

Some conditions and/or diagnoses, if documented in the medical evaluation, will designate your patient as excluded from this HEDIS metric. For some measures, evidence of prior medical and prescription history can also exclude a patient from consideration.

## Exclusions

- **No negative medication history:** A period of 30 days prior to an episode whereby the patient has not had any antibiotic medications dispensed
- **No negative condition history:** A period of 12 months prior to the episode whereby the patient has not been diagnosed with any of the following competing conditions: human immunodeficiency virus, malignant neoplasm, emphysema, chronic obstructive pulmonary disease, immune system disorders, or other comorbid conditions (tuberculosis, sickle cell anemia, respiratory failure, and others)
- **Competing diagnosis:** A period of three days following the episode date whereby the patient received a competing diagnosis including cholera, typhoid, whooping cough, and others.
- **Members in hospice or using hospice service anytime during the measurement year.**
- **Members who died any time during the measurement year.**

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