Children's Mercy Health Network

Appropriate Treatment for Children with Upper Respiratory Infection

Provider Quick Reference

Measure Definition

The percentage of episodes for patients 3 months and older who were given a diagnosis of upper respiratory infection (URI) and were **NOT** dispensed an antibiotic prescription.

Important Patient <u>Exclusions</u>

- Claims/Encounters with a <u>Competing Diagnosis</u> (see list below) within 4 days of the URI diagnosis (i.e. another diagnosis <u>warrants</u> prescription of an antibiotic)

Important Notes

- A prescription for an antibiotic 4 days <u>after</u> initial URI diagnosis is OK. An antibiotic prescription <u>within</u> 4 days is OK if another Competing Diagnosis (see list below) warrants an antibiotic.

Key Lessons Learned:
1. **If a strep test is to be performed on a patient, include a pharyngitis diagnosis along with a URI diagnosis. The presence of both diagnoses appropriately excludes the patient from the URI measure. This is particularly important when the strep test comes back positive and warrants an antibiotic.**
2. **Ensure applicable competing diagnoses are "linked" to the claim (i.e. if the competing diagnosis is not linked to applicable CPT code, the payer will <u>not</u> exclude the patient).**
3. **Nonsuppurative otitis media diagnoses are <u>not</u> competing diagnoses since these diagnoses do not warrant an antibiotic.**
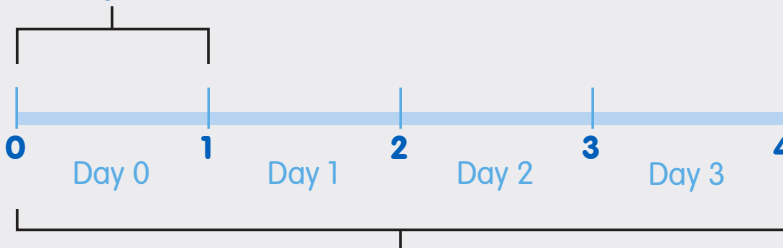
Diagnostic Codes for Upper Respiratory Infection

ICD 10 Codes	Definition
J00	[J00] Acute Nasopharyngitis [Common Cold]
J06.0	[J06.0] Acute Laryngopharyngitis
J06.9	[J06.9] Acute Upper Respiratory Infection, Unspecified

Common Competing Diagnoses (i.e. Diagnoses Warranting an Antibiotic)

- Suppurative Otitis Media
- Acute/Chronic Sinusitis
- Pneumonia
- Pharyngitis, Streptococcal, or Tonsillitis
- Other Bacterial Infection Diagnoses

URI Diagnosis

0 — Day 0 — 1 — Day 1 — 2 — Day 2 — 3 — Day 3 — 4

An antibiotic prescribed 4 days <u>after</u> initial URI diagnosis is OK.

If patient receives a diagnosis warranting an antibiotic (i.e. a competing diagnosis) within 4 days of the URI diagnosis, the patient is <u>not included</u> in the measure.

<u>Click here</u> to access CMHN's Antibiotic Provider & Parent Resource Packet

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