

Children's Mercy Kansas City

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Care Process Models

Quality Improvement and Clinical Safety

6-2020

Initial Acute Otitis Media Antibiotic Treatment

Children's Mercy Kansas City

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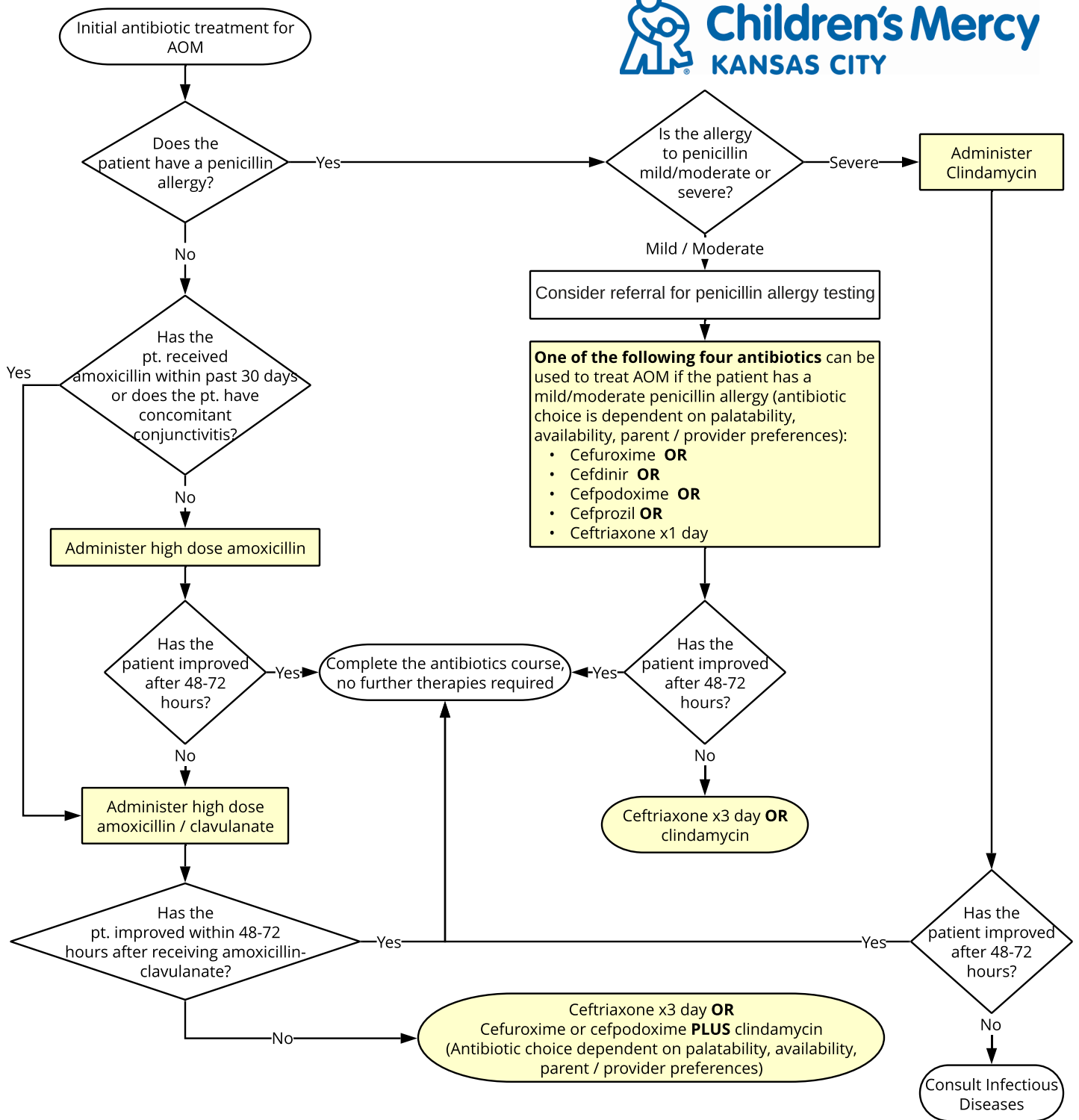
These guidelines do not establish a standard of care to be followed in every case. It is recognized that each case is different and those individuals involved in providing health care are expected to use their judgment in determining what is in the best interests of the patient based on the circumstances existing at the time. It is impossible to anticipate all possible situations that may exist and to prepare guidelines for each. Accordingly, these guidelines should guide care with the understanding that departures from them may be required at times.

Recommended Citation

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Dosing of antibiotics found in algorithm:

- Amoxicillin 40-50 mg/kg/dose PO BID (max 2000 mg/dose)
- Amoxicillin/clavulanate 40-50 mg/kg/dose (amoxicillin component) PO BID (max 2000 mg amoxicillin component /dose)
- Cefuroxime 250 mg PO BID (max 500 mg/dose) for children able to swallow pills (only available in tablet form)
- Cefdinir 7 mg/kg/dose PO BID (max 300 mg/dose)
- Cefpodoxime 5 mg/kg/dose PO BID (max 200 mg/dose)
- Cefprozil 15 mg/kg/dose PO BID (max 500 mg/dose)
- Ceftriaxone 50 mg/kg/dose IM/IV qDay x 1-3 days* (daily max 1 gram/dose)
*Administer Ceftriaxone for 1 day when used as a first line for patients with penicillin allergy, and 3 days if the patient has failed other antibiotics
- Clindamycin 10 mg/kg/dose PO TID (max 600 mg/dose)

Antibiotic duration for amoxicillin, amoxicillin/clavulanate, cefuroxime, cefdinir, cefpodoxime, cefprozil, and clindamycin:

<2 years of age **OR** severe AOM **OR** chronic AOM **OR** recurrent AOM **OR** TM perforation = **10 days**
 2-5 years of age with non-severe symptoms = **7 days**
 ≥6 years of age with non-severe symptoms = **5-7 day**

Link to:
 Children's Mercy Kansas City
 Outpatient Antibiotic Handbook

Algorithm finalized/ revised:
 11.2018; 6.2020
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