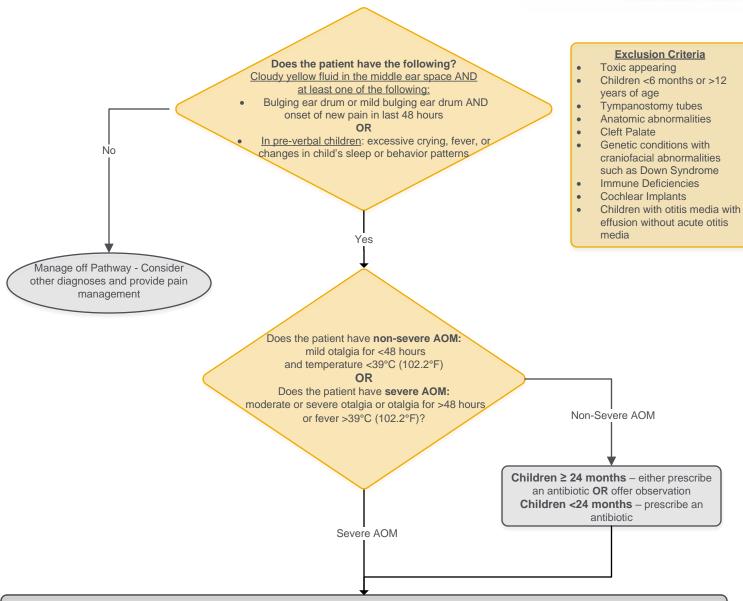
## ACUTE OTITIS MEDIA (AOM) CLINICAL PATHWAY

## 6 MONTHS - 12 YEARS





**First Line Antibiotic Therapy** 

Amoxicillin (high dose) 80-90mg/kg/day PO in 2 divided doses (usual max dose 2000 mg/day in 2 divided doses

Duration: < 2 years old treat for 10 days, 2-5 years old treat for 7 days, ≥ 6 years old treat for 5 days

Amoxicillin-Clavulanate (high dose) same as above, based on amoxicillin component

- Duration: < 2 years old treat for 10 days, 2-5 years old treat for 7 days, ≥ 6 years old treat for 5 days
- Use 14:1 (ES) concentration to avoid overdosing clavulanate component

Consider for moderate to severe illness, those <2 years, attending daycare, those who received antibiotics in the last 30 days, or for whom coverage of B-lactamase+ H.Influenzae or M.catarrhalis is desired

Ceftriaxone 50mg/kg/dose IM (max single dose 1,000mg) daily for 3 days

- Re-evaluate patient prior to each dose
- For those vomiting, unable to tolerate orals or unlikely to be adherent

## **Treatment for Patients with Penicillin Allergy** Refer to Penicillin Allergy Facts Document

Cefixime 4mg/kg/dose PO BID (usual adult dose 400mg/day in 1 dose)

- Duration: < 2 years old treat for 10 days, 2-5 years old treat for 7 days, ≥ 6 years old treat for 5 days Cefdinir 7mg/kg/dose PO BID (max dose 300mg/dose BID)
- Duration: < 2 years old treat for 10 days, 2-5 years old treat for 7 days, ≥ 6 years old treat for 5 days Ceftriaxone 50mg/kg/dose IM (max single dose 1,000mg) daily for 3 days
- Re-evaluate patient prior to each dose

\* If severe allergy or type 1 hypersensitivity to Penicillin refer to Infectious Disease or use clinical judgement Clinical worsening after Complete antibiotics 72 hours of antibiotics or failure to improve after 3-5 days of therapy? Yes Which agent was given? Amoxicillin-Clavulanate, Amoxicillin Ceftriaxone Cefdinir, OR Cefixime Next line treatment: Amoxicillin-Clavulanate Continued No **Next line treatment:** Complete Antibiotics Ceftriaxone IM x 3 days - Re-evaluate patient prior to each dose Clindamycin + one 3<sup>rd</sup> generation cephalosporin Clindamycin 10-13mg/kg/dose PO TID (usual adult dose 450mg/dose TID) Cefdinir 7mg/kg/dose PO BID (max dose 300mg/dose BID) Cefixime 4mg/kg/day PO BID (usual adult dose 400mg/day in 1 dose) OR Levofloxacin 10mg/kg PO BID <5 years of age; 10mg/kg PO daily ≥ 5 years of age **Duration**: < 2 years old treat for 10 days, 2-5 years old treat for 7 days, ≥ 6 years old treat for 5 days \*\*In patients with a severe allergy to above medications call Infectious Disease\* Continued failure? Complete Antibiotics Consider referral to ENT

