

Otitis Media

Acute Otitis Media is defined by:

1. Acute onset of signs and symptoms
2. Presence of middle ear effusion on exam
 - Bulging of TM
 - Limited or absent mobility of TM
 - Air-fluid level behind TM
 - Otorrhea
3. Signs or symptoms of middle-ear inflammation, indicated by either:
 - TM erythema
 - Ear pain that interferes with normal activity or sleep

3-6 months old

> 6 months old

Moderate/severe otalgia
and/or temp $\geq 39^{\circ}\text{C}$

Mild otalgia
and temp $< 39^{\circ}\text{C}$

Antibacterial therapy

Observation

- No previous/recent tx failure w/ amox
- Temp $< 39^{\circ}\text{C}$
- No penicillin allergy

- Temp $\geq 39^{\circ}\text{C}$ and/or severe otalgia
- Previous/recent tx failure w/ amox
- No penicillin allergy

No improvement in 48-72 hrs:
Follow up with PCP or
Parents start antibiotics

Amoxicillin 80-90 mg/kg/day
div Tid x 10 days

Augmentin 90 mg/kg/day amox component
div Tid x 10 days

Penicillin Allergy

Type 1 (urticaria or anaphylaxis):
Azithromycin 10 mg/kg/day 1x/day day 1,
5 mg/kg/day 1x/day days 2-5

Non-Type 1 allergic reaction:
Cefdinir (Omnicef) 14 mg/kg/day div Bid x10d or
Cefpodoxime (Vantin) 10 mg/kg/day 1x/day x10d or
Cefuroxime (Ceftin) 30 mg/kg/day div Bid x10d