Treatment Options for AOM

This teaching presentation for the ISOM website has been prepared by

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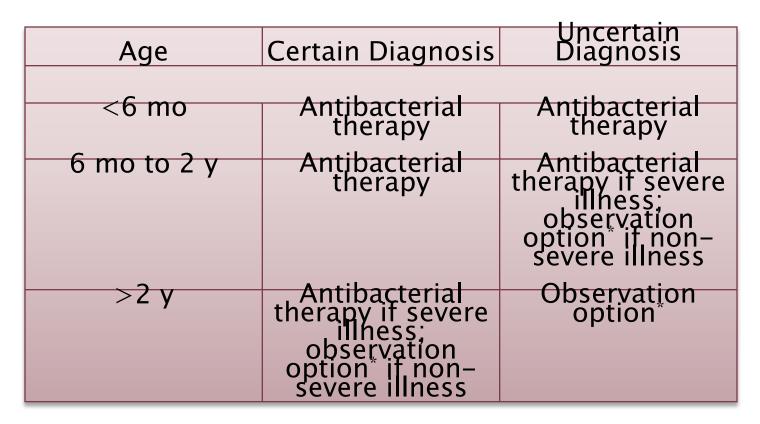
Acknowledgement

- This presentation is aimed for teaching purposes of students, residents and other allied healthcare workers
- Please visit the International Society for Otitis Media website for more resources, <u>www.otitismediasociety.org</u>

American Academy of Pediatrics Recommendations (2004, 2013)

- Evidence-based clinical practice guideline that provides recommendations to clinicians for the management of children from 2 months -12 years of age with uncomplicated AOM.
- Excluded are: anatomic abnormalities such as cleft palate, genetic conditions such as Down syndrome, immunodeficiencies, and the presence of cochlear implants. Also excluded are children with a clinical recurrence of AOM within 30 days
 or AOM with underlying chronic OME.

Criteria for Initial Antibacterial-Agent Treatment or Observation in Children With AOM



If the patient fails to respond to the initial management option within 48 to 72 hours, the clinician must reassess the patient to confirm AOM and exclude other causes of illness. If AOM is confirmed in the patient initially managed with observation, the clinician should begin antibacterial therapy. If the patient was initially managed with an antibacterial agent, the clinician should change the antibacterial agent.

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	At Diagnosis for Patients Being Treated Initially With Antibacterial Agents		Clinically Defined Treatment Failure at 48- 72 Hours After Initial Management With Observation Option		Clinically Defined Treatment Failure at 48- 72 Hours After Initial Management With Antibacterial Agents	
Temperature 39°C and/or Severe Otalgia	Recom	Alternative for Penicillin Allergy	Recom	Alternative for Penicillin Allergy	Recom	Alternative for Penicillin Allergy
	Amoxicillin, 80-90 mg/kg per day	Non-type I: cefdinir, cefuroxime, cefpodoxime ; type I: azithromycin , clarithro	80-90 mg/kg per day	cefuroxime, cefpodoxime ; type l: azithromycin , clarithro	clavulanate, 90 mg/kg per day of amoxicillin	Non-type I: ceftriaxone, 3 days; type I: clindamycin
	Amoxicillin- clavulanate, 90 mg/kg per day of amoxicillin, with 6.4 mg/kg per day of clavulanate		Amoxicillin, clavulanate, 90 mg/kg per day of amoxicillin, with 6.4 mg/kg per day of clavulanate	Ceftriaxone, 1 or 3 days		Tympanocen tesis, clindamycin

Antimicrobial Prophylaxis for Recurrent OM

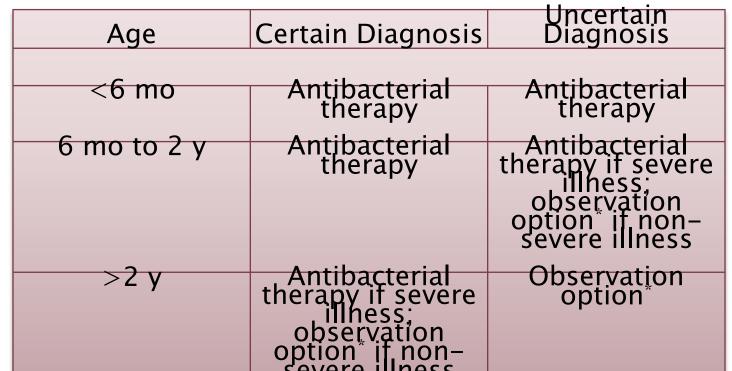
- Still in debate!
- Children < 2 years may benefit the most.</p>
- If a child has had > = 3 episodes of AOM in 6 months or 4 episodes in 4 months, s/he should be considered a candidate for chemoprophylaxis.
- Give 1/2 the treatment dose of either amoxicillin or sulfonamides q daily over 6 months ideally during winter and spring.
- A new episode of AOM in a child receiving chemoprophylaxis should be managed with a different antibiotic.

What are the Treatment Options for AOM?

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