Acute Otitis Media:
Don’t Let It “Bug” You

Authors:
Abby Foster Daugherty, Pharm.D.,
Harrison School of Pharmacy, Auburn University;

Jessica Osborne Brown, Pharm.D.,
Harrison School of Pharmacy, Auburn University;

Wesley T. Lindsey, Pharm.D.,
Clinical Associate Professor in Drug Information,
Drug Information and Learning Resource Center
Harrison School of Pharmacy, Auburn University

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1. What is the recommended dose for acetaminophen (Tylenol®)?
   a. 5 to 10 mg/kg/day every 6 to 8 hours
   b. 10 to 20 mg/kg/day every 4 to 6 hours
   c. 10 to 15 mg/kg/day every 4 to 6 hours
   d. 5 to 7 mg/kg/day every 6 to 8 hours

2. What is the first-line treatment option for AOM?
   a. Amoxicillin-Clavulanate (Augmentin®)
   b. Amoxicillin (Amoxil®)
   c. Cefdinir (Omnicef®)
   d. Clindamycin (Cleocin®)

3. What are examples of a severe penicillin allergy?
   a. Itching
   b. Mild rash
   c. Diarrhea
   d. Shortness of breath and swelling of the throat

4. What class of medication is typically used as first-line therapy in AOM for patients with a penicillin allergy?
   a. Cephalosporins
   b. Macrolides
   c. Fluoroquinolones
   d. Penicillins

5. When should symptoms begin to improve after initial treatment?
   a. 24 hours
   b. 48 to 72 hours
   c. 7 days
   d. 12 hours

6. What is the appropriate duration of therapy of AOM for children less than 2 years of age and children with severe symptoms?
   a. 10-day course
   b. 3-day course
   c. 7-day course
   d. 5 to 7 day course

7. Which of the following is not a preventive measure for AOM?
   a. PCV13 vaccine
   b. Xylitol
   c. Cleaning your ears daily
   d. Breastfeeding children for the first 6 months

8. The highest incidence of AOM occurs between the ages of:
   a. 1 and 6 months
   b. 6 and 24 months
   c. 24 and 36 months
   d. 36 and 48 months

9. Which of the following is not a potential risk factor for AOM?
   a. Passive tobacco smoke
   b. Daycare attendance
   c. Bottle-propping
   d. Age older than 2 years

10. Which of the following is a possible complication of untreated AOM?
    a. Mastoiditis
    b. Hayfever
    c. Tonsillitis
    d. Vitamin D deficiency

11. Which of the following is not a common bacterial pathogen associated with AOM?
    a. Streptococcus pneumonia
    b. Moraxella catarrhalis
    c. Proteus mirabilis
    d. Haemophilus influenza

12. The following are signs and symptoms of middle ear inflammation:
    a. Redness of the tympanic membrane and ear pain
    b. Ear pain and diarrhea
    c. Bulging and limited mobility of the tympanic membrane
    d. Otorrhea and excessive crying
13. The difference between AOM and OME is that:
   a. OME only occurs mainly in children over the age of 24 months whereas AOM occurs mainly in children under the age of 24 months
   b. OME is treated with antibiotic ear drops and AOM is treated with oral antibiotics
   c. OME is not due to an infection whereas AOM is due to an infection
   d. OME is typically accompanied by nausea and vomiting and AOM is not

14. Which of the following is not a tool used to detect middle ear effusion (MEE)?
   a. Acoustic reflectometry
   b. Tympanometry
   c. Pneumatic otoscope
   d. Tympanostomy tube

15. Which of the following drugs is not a beta-lactam antibiotic?
   a. Amoxil®
   b. Cleocin®
   c. Rocephin®
   d. Omnicef®
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How long did it take you to read the program and complete this test?

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CE Assessment Answers
Please circle your answers (one answer per question).

1.   A  B  C  D
2.   A  B  C  D
3.   A  B  C  D
4.   A  B  C  D
5.   A  B  C  D
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12.  A  B  C  D
13.  A  B  C  D
14.  A  B  C  D
15.  A  B  C  D

Program Evaluation - Must be completed for credit.

Please rate the following items on a scale from 1 (poor) to 4 (excellent).
1. Overall quality of the article 1 2 3 4
2. Relevance to pharmacy practice 1 2 3 4
3. Value of the content 1 2 3 4

Please answer each question, marking whether you agree or disagree.
4. This course met the learning objectives.  □ Agree  □ Disagree

Impact of the Activity

The information presented (check all that apply):
5. □ Reinforced my current practice/treatment habits
   □ Will improve my practice/patient outcomes
   □ Provided new ideas or information I expect to use
   □ Adds to my knowledge

6. Will the information presented cause you to make any changes in how you do your job? □ Yes  □ No

7. How committed are you to making these changes?
   (Not committed) 1 2 3 4 (Very committed)

8. Do you feel future activities on this subject matter are necessary and/or important? □ Yes  □ No

Follow-Up

As part of our ongoing quality-improvement effort, we would like to be able to contact you in the event we conduct a follow-up survey to assess the impact of our educational interventions on professional practice. Are you willing to participate in such a survey? □ Yes  □ No