

CME QUESTIONS: TEST #059911S

The Johns Hopkins University School of Medicine designates this continuing medical education activity for 1 credit hour in Category 1 of the Physician's Recognition Award of the American Medical Association. Each physician should claim only those hours of credit that he or she actually spends on the educational activity. Credits are available until the expiration date of October 28, 2001.

Instructions

After reading the article, "Drug Resistance and the Treatment of Upper Respiratory Infections," select the best answer to each of the following questions. At least 7 of the 10 answers must be correct to receive CME credit. Estimated time for this activity is 1 hour.

1. Which of the following patients are at increased risk for invasive bacterial infection after colonization of infection of the upper respiratory tract?

- a) Those who are immunocompromised
- b) Those with chronic obstructive pulmonary disease
- c) Those of advanced age
- d) a and b only
- e) All of the above

2. Which of the following is the leading cause of invasive bacterial infection?

- a) *S. pneumoniae*
- b) *S. pyogenes*
- c) *Bordetella pertussis*
- d) *Haemophilus influenzae*
- e) None of the above

3. Which of the following statements about sinusitis is false?

- a) Viral infections can predispose a person to sinusitis.
- b) Swimming and diving may result in sinusitis.
- c) Advanced age alone can predispose an individual to sinusitis.
- d) Sinusitis can be the result of an HIV infection.
- e) Allergic rhinitis can cause sinusitis.

4. Which of the following statements is true?

- a) Isolates of *S. pneumoniae* have shown increased resistance to antimicrobials over the past decade.
- b) *S. pneumoniae* not only can cause lower respiratory tract infections but upper respiratory tract infections as well.
- c) Penicillin, related beta-lactam antibiotics, and other drugs such as erythromycin and trimethoprim/sulfamethoxazole provide ongoing protection against *S. pneumoniae*.
- d) a and b
- e) All of the statements are true.

5. Each year, how many patients visit their physicians' offices for treatment of sinusitis?

- a) 5 million
- b) 10 million
- c) 25 million
- d) 30 million
- e) 40 million

6. Which of the following factors can predispose patients to sinusitis?

- a) Viral infections
- b) Allergic rhinitis
- c) Cocaine abuse
- d) HIV infection
- e) All of the above

(CME QUESTIONS CONTINUED ON FOLLOWING PAGE)

<p>CME TEST FORM AJMC Test #059911S</p> <p>Drug Resistance and the Treatment of Upper Respiratory Infections</p> <p>(Test valid through October 28, 2001. No credit will be given after this date.)</p>	<p>Please circle your answers:</p> <p>1. a b c d e</p> <p>2. a b c d e</p> <p>3. a b c d e</p> <p>4. a b c d e</p> <p>5. a b c d e</p> <p>6. a b c d e</p> <p>7. a b c d e</p> <p>8. a b c d e</p> <p>9. a b c d e</p> <p>10. a b c d e</p>	<p>(PLEASE PRINT CLEARLY)</p> <p>Name _____</p> <p>Address _____</p> <p>City _____</p> <p>State/ZIP _____</p> <p>Phone # _____</p> <p>Please enclose a check for \$10, payable to American Medical Publishing, and mail with this form to:</p> <p style="text-align: center;">The AJMC CME Test American Medical Publishing 241 Forsgate Drive, Suite 102 Jamesburg, NJ 08831</p>
--	---	--

...CME QUIZ ...

PROGRAM EVALUATION

Johns Hopkins University School of Medicine would like to have your opinion. Please fill out the questionnaire below, tear off along the dotted line, and mail along with your CME test form. We thank you for your evaluation, which is most helpful.

On the whole, how do you rate the information presented in the article?

___ excellent ___ good ___ fair ___ poor

Is the information presented useful in your practice?

___ yes ___ no

Do you have recommendations to improve this program?

___ yes ___ no

Comments:

Were any portions of this program unsatisfactory or inappropriate?

___ yes ___ no

If so, which?

Do you find the information presented in these articles to be fair, objective, and balanced?

___ yes ___ no

Is there subject matter you would like included in the future?

___ yes ___ no

Comments:

In your opinion, were the authors biased in their discussion of any commercial product or service?

___ yes ___ no

Comments:

Program Evaluation

Physician Name

Address

City, State, ZIP

Specialty

(CME QUESTIONS CONTINUED FROM PREVIOUS PAGE)

7. What percentage of S. pneumoniae strains have full resistance to penicillin?

- a) 18%
b) 33%
c) 50%
d) 75%
e) More than 75%

8. In the past 5 to 7 years, high-level penicillin resistance among S. pneumoniae strains has increased:

- a) Twofold
b) Threefold
c) 10-fold
d) 60-fold
e) None of the above

9. Recent changes by the National Committee on Clinical Laboratory Standards to the MIC breakpoints for S. pneumoniae have resulted in which of the following developments?

- a) The proportion of S. pneumoniae isolates resistant to beta-lactam antibiotics has been reduced.
b) Antibiotics for which the breakpoints are unchanged seem to be less active compared with S. pneumoniae.
c) Comparisons among antimicrobials have been made more difficult.
d) a and c
e) All of the above.

10. The patterns of drug resistance to S. pneumoniae are:

- a) Lowest in the northeastern United States and highest in the southeastern United States
b) Highest in the northeastern United States and lowest in the southeastern United States
c) Higher in the eastern United States than in the western United States
d) The same in all regions of the United States
e) Highly variable throughout the country as a whole