

CME Test Questions
**THE APPROPRIATE AND RATIONAL USE
 OF ANTIBIOTICS**

1. Effective strategies for treatment of respiratory and other infections include all of the following EXCEPT

- a. Using an appropriate agent based on local patterns of resistance
- b. Using routine surveillance of antimicrobial activity as a measure
- c. Limiting the role of the laboratory
- d. Limiting treatment to infections where bacterial cause is likely

2. Among penicillin-resistant strains of *S pneumoniae*, what percent of strains are co-resistant to macrolides?

- a. 17%
- b. 27%
- c. 75%
- d. 82%

3. An analysis of the TRUST data for 2003 has demonstrated that resistance is the most problematic in cases involving

- a. *M catarrhalis*
- b. *S pneumoniae*
- c. *H influenzae*
- d. All of the above

4. It is possible to specifically target an infecting pathogen with antimicrobials without affecting body flora in other sites.

- a. True
- b. False

5. Bystander effects are clinically important due to association with

- a. Development of resistance
- b. Replacement of the normal flora by potentially pathogenic organisms

- c. Selection of resistant clones
- d. All of the above

6. All of the following are likely consequences of collateral damage from antimicrobials EXCEPT

- a. Increased *C difficile*
- b. Increased rates of *C albicans*
- c. Increased anaerobic bacteria activity
- d. Prolonged VRE colonization

7. Fluoroquinolones are active against Enterobacteriaceae.

- a. True
- b. False

8. High-dose, short-course regimens are associated with all of the following EXCEPT

- a. eradicating the pathogen
- b. reducing the emergence of resistant strains
- c. improved cost-effectiveness
- d. increased rates of drug resistance

9. Which of the following reactions is the least common adverse event associated with fluoroquinolones?

- a. gastrointestinal
- b. central nervous system
- c. dermatologic
- d. photoallergic

10. In humans, the incidence of fluoroquinolone-induced arthropathy is

- a. <1%
- b. 2%-3%
- c. 4%-5%
- d. >5%

CME/CE Post-Test and Evaluation Form for THE APPROPRIATE AND RATIONAL USE OF ANTIBIOTICS

Release Date of Activity: 5/1/04
Expiration Date of Activity: 5/1/05
Estimated Time to Complete this Activity: 2 Hours

Please Print

Name _____

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Please indicate amount of time spent on this activity:

I have spent _____ hrs _____ min on this activity

CME/CE TEST

(Please circle correct answers)

- | | |
|------------|-------------|
| 1. a b c d | 6. a b c d |
| 2. a b c d | 7. a b |
| 3. a b c d | 8. a b c d |
| 4. a b | 9. a b c d |
| 5. a b c d | 10. a b c d |

COURSE EVALUATION

To receive CME/CE credit, please complete this evaluation form.

	STRONGLY AGREE	AGREE	DISAGREE	STRONGLY DISAGREE		
1. The material presented met the stated objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2. The material presented was current and up to date.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3. The knowledge and/or skills gained can be applied to my practice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4. The program met my expectations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5. The material was free of commercial bias for or against any product.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6. Did you receive information on faculty disclosure?	<input type="checkbox"/> Yes	<input type="checkbox"/> No				
7. What percentage of the material presented was new to you?	<input type="checkbox"/> 0%	<input type="checkbox"/> 20%	<input type="checkbox"/> 40%	<input type="checkbox"/> 60%	<input type="checkbox"/> 80%	<input type="checkbox"/> 100%



8. Please describe any changes you will make in your practice as a result of the material presented in this program.

9. General comments:

CME/CE INSTRUCTIONS

This monograph provides free Category 1 CME/CE credits.
To receive CME credit, forward the Test Answer Sheet
and Evaluation Form to the address shown below. (Refer to p. 3 for CME/CE Information.)

**Office of Continuing Medical Education
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To receive continuing pharmacy education credit, forward the Test Answer Sheet
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**Extension Services in Pharmacy
The Appropriate and Rational Use of Antibiotics
777 Highland Avenue
Madison, Wisconsin 53705-2222
Fax: (608) 262-2431**

Responses must be received by May 1, 2005.

