

# Continuing Education Quiz

## Pertussis: The Disease and Immunization in Adolescents and Adults

- The primary goal of pertussis outbreak control is to decrease morbidity and mortality among:
  - infants.
  - adolescents.
  - adults.
  - geriatrics.
- Pertussis infection is caused by the gram-negative bacterium:
  - Mycoplasma.
  - Klebsiella.
  - Bordetella.
  - Chlamydia.
- The distinctive sound that may follow severe coughing in patients with pertussis infection is a:
  - rale.
  - wheeze.
  - resp.
  - whoop.
- The primary site of pertussis infection is the:
  - lungs.
  - nasopharynx.
  - larynx.
  - tonsils.
- Which of the following statements is FALSE?
  - The effectiveness of pertussis vaccine remains high.
  - Protective immunity to pertussis wanes four to 12 years following immunization with whole-cell pertussis vaccine.
  - Infection-acquired immunity against pertussis infection declines after four to 20 years.
  - Maternal antibodies that cross the placental barrier protect neonates against pertussis infection.
- The term describing a temporary cessation of breathing that may occur in pertussis infection is:
  - ischemia.
  - paroxysm.
  - apnea.
  - syncope.
- The second generation pertussis vaccine contains all of the following EXCEPT:
  - pertussis toxin.
  - inactivated whole cells.
  - filamentous hemagglutinin.
  - pertactin protein antigens.
- Which of the following vaccines, if any, is indicated for active booster immunization against tetanus, diphtheria, and pertussis in persons 11 through 64 years of age?
  - Adacel
  - Boostrix
  - Both Adacel and Boostrix
  - Neither Adacel nor Boostrix
- Which of the following vaccines, if any, is indicated for the treatment of active pertussis infection?
  - Adacel
  - Boostrix
  - Both Adacel and Boostrix
  - Neither Adacel nor Boostrix
- CDC recommends that patients with presumed or confirmed pertussis infection be treated with:
  - amoxicillin.
  - ciprofloxacin.
  - erythromycin.
  - tetracycline.

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**Answer sheet may be copied as needed but original of answers is required.**

## COURSE EVALUATION

*Evaluation Must Be Completed To Obtain Credit*

How much time did this lesson require? \_\_\_\_\_

Today's Date \_\_\_\_\_

**EXPIRATION DATE: 3-15-09**

Learning objectives on first page were addressed.

**1 Disagree - 5 Agree**

Objective 1	1	2	3	4	5
Objective 2	1	2	3	4	5
Objective 3	1	2	3	4	5
Material was well organized and clear.	1	2	3	4	5
Content sufficiently covered the topic.	1	2	3	4	5
Material was non-commercial in nature.	1	2	3	4	5

### Answer Sheet:

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