

# **ANTHRAX VACCINE IMMUNIZATION PROGRAM HEALTH-CARE PROVIDER'S BRIEFING POST TEST**

- 1. Which of the following statements is true concerning the burden of anthrax in the United States?**
  - A. Anthrax is exclusively a human disease in the United States.
  - B. The most common form of human anthrax is cutaneous disease.
  - C. Inhalation anthrax has never been reported in the United States.
  - D. Gastrointestinal anthrax has been reported among persons who consume untreated water in wilderness areas.
  
- 2. Why is *Bacillus anthracis* considered to be one of the most likely biological warfare agents?**
  - A. Weaponized anthrax is colorless, odorless, and difficult to detect.
  - B. Inhalation anthrax has a high mortality rate.
  - C. *B. anthracis* spores can be stored for decades without loss of lethality.
  - D. All the above.
  
- 3. Which of the following best describes the components of the current FDA-licensed anthrax vaccine?**
  - A. Live attenuated bacteria.
  - B. Recombinant proteins.
  - C. Toxoid.
  - D. Inactivated, primarily a protein called protective antigen.
  
- 4. What is the proper dosing schedule for anthrax vaccine?**
  - A. Six doses each separated by 4 weeks from the preceding dose.
  - B. Six doses at 0, 2, and 4 weeks and 6, 12, and 18 months.
  - C. Four doses each separated by 2 months from the preceding dose.
  - D. Three doses at 0 and 4 weeks and 12 months.
  - E. Two doses separated by 6 months.
  
- 5. Which of the following statements is true regarding the anthrax vaccination?**
  - A. Department of Defense (DoD) policy allows for a flexible vaccination schedule.
  - B. Compressing the dose schedule is allowed for personnel who are deploying.

- C. Stay on the FDA-approved dosing schedule, but if someone falls behind, give an overdue dose ASAP and adjust timing of later doses according to the standard schedule.
- D. Never use clinical judgment when managing individual cases. Always abide strictly by DoD policy.

**6. What is the currently recommended route of administration of anthrax vaccine?**

- A. Intradermal injection.
- B. Subcutaneous injection.
- C. Intramuscular injection.
- D. Intranasal aerosol.
- E. All the above routes of administration are recommended for the anthrax vaccine.

**7. Which of the following conditions is a valid contraindication or precaution for the use of anthrax vaccine?**

- A. Recent administration of antibody-containing blood product (e.g., whole blood or immune globulin).
- B. Current administration of antibiotics.
- C. Severe allergic reaction to a previous dose of the vaccine.
- D. Breast-feeding an infant.
- E. All of the above are valid contraindications or precautions to the use of anthrax vaccine.

**8. What is the most frequently observed adverse reaction following anthrax vaccination?**

- A. Redness or swelling at the injection site.
- B. Fever.
- C. Joint pain.
- D. Allergic reactions.
- E. Guillain-Barre syndrome.