

Care CEUs

Influenza: Prevention and Control

1. Which of the following recommendations is most accurate?

- A. Routine annual influenza vaccination of all persons aged ≥6 months without contraindications continues to be recommended.
 - B. Routine annual influenza vaccination of all persons aged ≥8 months without contraindications continues to be recommended.
 - C. Routine annual influenza vaccination of all persons aged ≥9 months without contraindications continues to be recommended.
 - D. Routine annual influenza vaccination of all persons aged ≥1 year without contraindications continues to be recommended.
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2. According to the ACIP General Recommendations on Immunization, which of the following statements is most accurate?

- A. Providers should consider observing all patients for 15 minutes after vaccination to decrease the risk for injury should they experience syncope.
 - B. Providers should consider observing all patients for 30 minutes after vaccination to decrease the risk for injury should they experience syncope.
 - C. Providers should consider observing patients with egg allergies only, for 15 minutes after vaccination to decrease the risk for injury should they experience syncope.
 - D. Providers should consider observing patients with egg allergies only, for 30 minutes after vaccination to decrease the risk for injury should they experience syncope.
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3. Persons with a history of severe allergic reaction to egg (i.e., any symptom other than hives) should be vaccinated in an inpatient or outpatient medical setting under the supervision of a health care provider who is able to recognize and manage severe allergic conditions.

- A. TRUE
 - B. FALSE
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4. Which of the following statements is most accurate?

- A. Influenza A and B are the two types of influenza viruses that cause epidemic human disease.
 - B. Influenza A and C are the two types of influenza viruses that cause epidemic human disease.
 - C. Influenza A and D are the two types of influenza viruses that cause epidemic human disease.
 - D. Influenza C and D are the two types of influenza viruses that cause epidemic human disease.
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5. Influenza B viruses are separated into two distinct genetic lineages (Yamagata and Victoria) and are categorized into subtypes.

- A. TRUE
 - B. FALSE
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6. Which of the following statements is most accurate?

- A. Deaths associated with influenza are most frequent among younger adults.
 - B. Deaths associated with influenza are most frequent among older children.
 - C. Deaths associated with influenza are most frequent among adults below the age of 65.
 - D. Deaths associated with influenza are most frequent among older adults.
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7. Pregnant women are vulnerable to severe symptoms and illness attributable to influenza.

- A. TRUE
 - B. FALSE
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8. Immune responses elicited by influenza vaccines are generally not strain-specific.

- A. TRUE
 - B. FALSE
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9. Which of the following statements is most accurate?

- A. Inactivated influenza vaccines may only be administered by intramuscular injection.
 - B. Inactivated influenza vaccines may only be administered by intradermal injection.
 - C. Inactivated influenza vaccines may be administered by intramuscular or intradermal injection and contain nonreplicating virus.
 - D. Inactivated influenza vaccines may be administered by intramuscular or intradermal injection and do not contain nonreplicating virus.
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10. Vaccine effectiveness is lower among children aged <5 years who have never received influenza vaccine previously or who received only 1 dose in their first year of vaccination, than it is among children who received 2 doses in their first year of being vaccinated.

- A. TRUE
 - B. FALSE
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11. One dose of inactivated influenza vaccine tends to not be immunogenic in healthy adults aged <65 years.

- A. TRUE

B. FALSE

12. According to the text, HIV-infected persons with minimal AIDS-related symptoms and normal or near-normal CD4+ T-lymphocyte cell counts who receive inactivated influenza vaccines develop adequate antibody responses.

- A. TRUE
 - B. FALSE
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13. Which of the following statements is most accurate?

- A. Live-attenuated influenza virus strains replicate in nasopharyngeal epithelial cells.
 - B. Live-attenuated influenza virus strains do not replicate in nasopharyngeal epithelial cells.
 - C. Live-attenuated influenza virus strains do not replicate in cells.
 - D. Live-attenuated influenza virus strains do not replicate at all
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14. Which of the following statements is most accurate?

- A. Fluarix Quadrivalent is indicated in for individuals aged ?3 months.
 - B. Fluarix Quadrivalent is indicated in for individuals aged ?6 months.
 - C. Fluarix Quadrivalent is indicated in for individuals aged ?3 years.
 - D. Fluarix Quadrivalent is indicated in for individuals aged ?8 years.
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15. What is the recommended route of administration for Fluzone Intradermal Quadrivalent?

- A. IM
 - B. ID
 - C. Subcutaneous
 - D. Oral
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16. Currently available inactivated influenza vaccines are classified as either Pregnancy Category B or Category C.

- A. TRUE
 - B. FALSE
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17. What is oculorespiratory syndrome?

- A. An acute, self-limited reaction to inactivated influenza vaccines.
 - B. A chronic, self-limited reaction to inactivated influenza vaccines.
 - C. An acute, self-limited reaction to live-attenuated influenza vaccines.
 - D. A chronic, self-limited reaction to live-attenuated influenza vaccines.
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18. Children aged 6 months through 8 years who require 2 doses should receive their first dose as soon as possible after vaccine becomes available, and the second dose ?4 weeks later.

- A. TRUE
 - B. FALSE
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19. Which of the following statements is most accurate?

- A. ACIP recommends that all women who are pregnant or who might be pregnant in the upcoming influenza season receive live-attenuated influenza vaccines.
 - B. ACIP recommends that all women who are pregnant or who might be pregnant in the upcoming influenza season receive inactivated influenza vaccines.
 - C. ACIP recommends that women over the age of 40 who are pregnant or who might be pregnant in the upcoming influenza season receive live-attenuated influenza vaccines.
 - D. ACIP recommends that women over the age of 40 who are pregnant or who might be pregnant in the upcoming influenza season receive inactivated influenza vaccines.
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20. Which of the following statements is most accurate?

- A. Influenza vaccines should be protected from light and stored at recommended temperatures.
 - B. Most influenza vaccines should not be refrigerated.
 - C. Most influenza vaccines should be frozen.
 - D. Multi-dose vials of influenza vaccines should not be returned to recommended storage conditions between uses.
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