

Cheap Nursing CEUs

Toolkit for Handling Vaccines

1. Liquid vaccines containing an adjuvant can permanently lose potency when exposed to freezing temperatures.

- A. True
 - B. False
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2. Which of the following statements is most accurate?

- A. Vaccine appearance is a reliable indicator that vaccines have been stored in appropriate conditions.
 - B. Vaccine appearance is a reliable indicator that vaccines have been stored in freezing temperatures.
 - C. Vaccine appearance is a reliable indicator for liquid vaccines.
 - D. Vaccine appearance is not a reliable indicator that vaccines have been stored in appropriate conditions.
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3. A dormitory-style or bar-style combined refrigerator/freezer unit may be used to store vaccines.

- A. True
 - B. False
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4. Which of the following statements regarding digital data logger (DDL) information is most accurate?

- A. DDL data should be kept for 1 year so it can be analyzed for long-term trends and/or recurring problems.
 - B. DDL data should be kept for 2 years so it can be analyzed for long-term trends and/or recurring problems.
 - C. DDL data should be kept for 3 years so it can be analyzed for long-term trends and/or recurring problems.
 - D. DDL data should not be kept for more than 6 months.
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5. Most empty vaccine vials are not considered hazardous or pharmaceutical waste and do not require disposal in a biomedical waste container.

- A. True
 - B. False
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6. Which of the following statements regarding manufacturer-filled syringes is most accurate?

- A. Once the sterile seal has been broken, the vaccine should be used or stored at room temperature.**
 - B. Once the sterile seal has been broken, the vaccine should be used or stored in a refrigerator.**
 - C. Once the sterile seal has been broken, the vaccine should be used within 24 hours or stored in a refrigerator.**
 - D. Once the sterile seal has been broken, the vaccine should be used or discarded by the end of the workday.**
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7. Diluents are not interchangeable unless specified by the manufacturer.

- A. True**
 - B. False**
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8. A fellow health care professional has questions regarding reconstituted vaccines. Which of the following informational points should be expressed to the fellow health care professional regarding reconstituted vaccines?

- A. A predrawn reconstituted vaccine may be transferred back into a vial for storage.**
 - B. A predrawn reconstituted vaccine may be transferred back into a vial for storage if the vaccine is stored at room temperature.**
 - C. A predrawn reconstituted vaccine may be transferred back into a vial for storage if the vaccine is stored in a multidose vial.**
 - D. Never transfer predrawn reconstituted vaccine back into a vial for storage.**
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9. Which of the following statements is most accurate?

- A. Partial doses from two or more vials may be used to obtain a dose of vaccine.**
 - B. Partial doses from two or more vials may be used to obtain a dose of vaccine if the vials are stored at room temperature.**
 - C. Partial doses from two or more vials may be used to obtain a dose of vaccine if the vials are stored in a refrigerator.**
 - D. Never use partial doses from two or more vials to obtain a dose of vaccine.**
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10. Which of the following statements is most accurate?

- A. A stock vial of sterile water or normal saline may be used to reconstitute vaccines.**
- B. A stock vial of sterile water may be used to reconstitute vaccines, however a stock vial of normal saline may not be used to reconstitute vaccines.**

C. A stock vial of normal saline may be used to reconstitute vaccines, however a stock vial of sterile water may not be used to reconstitute vaccines.
D. Stock vials of sterile water or normal saline should not be used to reconstitute vaccines.

11. Food/Beverage Coolers may be used to transport vaccines in an emergency situation?

- A. True**
 - B. False**
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12. Which of the following statements regarding transporting frozen vaccines is most accurate?

- A. If frozen vaccines must be transported, use a portable vaccine freezer unit or qualified container and packout that maintains temperatures between -25° C and -15° C.**
 - B. If frozen vaccines must be transported, use a portable vaccine freezer unit or qualified container and packout that maintains temperatures between -50° C and 15° C.**
 - C. If frozen vaccines must be transported, use a portable vaccine freezer unit or qualified container and packout that maintains temperatures between -50° C and -15° C.**
 - D. Frozen vaccines should never be transferred.**
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