

Self-Assessment Test

Pharmaceutical Waste Management in Health Systems

This program is located at <http://onlinece.ashpadvantage.com/pharmawaste/>



This self-assessment test has been provided as a study aid only. At the conclusion of the internet-based program, click on "Take CE Test" to proceed to the ASHP CE Testing Center and take the on-line program post-test. You may print your CE statement immediately after successful completion of the post-test.

There are 14 questions associated with this self-assessment test.

1. The book *Silent Spring* documented which of the following?
 - a. Global warming
 - b. The hole in the ozone layer
 - c. The affects of pesticides on man and nature
 - d. None of the above

2. The Environmental Protection Agency (EPA) is only responsible for water quality.
 - a. True
 - b. False

3. Concerns about current disposal of pharmaceutical waste can be validated by which of the following:
 - a. The feminization of some fish species and deformed frogs
 - b. Drugs found in 80% of 139 water streams sampled
 - c. a and b
 - d. None of the above

4. It is currently estimated that hospitals purchase annually over ____ vials, ampoules, bottles and syringes containing medications.
 - a. 1 million
 - b. 500 million
 - c. 1 billion
 - d. 3.5 billion

5. Currently some states have enacted stricter laws on toxic substance disposal than the federal laws.
 - a. True
 - b. False



For additional CE opportunities and other resources, please visit
www.ashpadvantage.com

Self-Assessment Test

Pharmaceutical Waste Management in Health Systems

This program is located at <http://onlinece.ashpadvantage.com/pharmawaste/>

6. Which of the following statements about Centralized Segregation is **not** true?
 - a. Waste is collected in containers in patient care areas
 - b. Waste is transferred to a centralized storage area
 - c. Waste is sorted by vendors at the central storage area
 - d. This process is the safest process for staff and vendors.

7. Which of the following statements is **not** true about managing all pharmaceutical waste as hazardous waste?
 - a. This is the easiest process to implement since it uses only one waste stream.
 - b. This is the least expensive process to implement.
 - c. This process may require sorting out ignitables.
 - d. This process would still require the need to classify all inventory items for manifest purposes.

8. The pharmacy department and _____ department(s) should be part of a pharmaceutical waste management team.
 - a. Environmental services
 - b. Nursing
 - c. Human Resources
 - d. Housekeeping
 - e. a, b and d

9. The Resource Conservation and Recovery Act (RCRA) inventory classification review requires that all items purchased by the pharmacy be classified into a waste category.
 - a. True
 - b. False

10. All of the following tools should be used in designing a RCRA compliant pharmaceutical waste program **except**:
 - a. Gap Analysis
 - b. Flow charting
 - c. Medication reconciliation
 - d. FMEA (Failure Mode Effects Analysis)



For additional CE opportunities and other resources, please visit
www.ashpadvantage.com

Self-Assessment Test

Pharmaceutical Waste Management in Health Systems

This program is located at <http://onlinece.ashpadvantage.com/pharmawaste/>

11. Which of the following are process flow solutions for complying with RCRA regulations?
- a. Auxiliary labeling of only P-listed drug products
 - b. Bar codes on drug products
 - c. Electronic system alerts to pharmacists and nurses
 - d. b and c
 - e. None of the above
12. All of the following must be considered when implementing automated pharmaceutical waste management systems **except**:
- a. Computer network infrastructure
 - b. Bar code capability
 - c. Hospital affiliation
 - d. Equipment costs
 - e. Training costs
13. Annual staff competency assessment and training of RCRA regulations are recommended.
- a. True
 - b. False
14. Once the initial RCRA inventory classification is completed, there is **no** need to update it on an ongoing basis.
- a. True
 - b. False



For additional CE opportunities and other resources, please visit
www.ashpadvantage.com