CONTINUING EDUCATION UPDATE EXAM

Bedside Testing

This exam covers material presented in the two “Bedside Testing” articles that appeared in this and the December 1994 issue of Laboratory Medicine. To earn two CMLE credits for the 1995 year, complete this exam form and mail it, along with your check or money order payable to the ASCP ($16 for associate members, $20 for nonmembers and ASCP registrants) and, if appropriate, a copy of your ASCP registration or membership card, to: ASCP, PO Box 98346, Chicago, IL 60693-8346. Payment must be included with this page for your examination to be processed; phone orders not accepted. After grading and processing this form, ASCP will mail you the answer key and a certificate of credit. NOTE: This examination must be received by March 31, 1995, to be processed.

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Multiple-Choice Questions

Select the one correct answer to each question:

1. Bedside testing is appropriate when the following conditions are present except:
   A. Rapid turnaround time is necessary.
   B. The caregiver is able to take action as soon as the test result is available.
   C. A therapeutic decision is necessary at the time.
   D. Performing the test at the bedside is less expensive than in the laboratory.
   E. Testing personnel are appropriately trained to perform the test at the bedside.

2. Which of the following is true about the Clinical Laboratory Improvement Amendments of 1988?
   A. Bedside tests are exempt from CLIA ‘88.
   B. Most bedside tests are classified as waived by CLIA ‘88.
   C. Most bedside tests are classified as moderately complex by CLIA ‘88.
   D. Nonlaboratory personnel do not need to follow the CLIA ‘88 rules.
   E. The central laboratory director is automatically responsible for bedside testing.

3. Which of the following is not required by the Joint Commission on the Accreditation of Healthcare Organizations for bedside testing?
   A. A technical consultant from the central laboratory.
   B. Hospital review of the tests done outside the central laboratory.
   C. Quality control.
   D. Appropriate training of individuals performing testing.
   E. Evidence of continued competence of individuals performing testing.

4. Which of the following is not a feature of the Biotrack PT/PTT Instrument?
   A. Laser optical sensing system.
   B. Detection of flow of blood through a capillary tube.
   C. Detection of cessation of motion of red cells.
   D. Use of an unmeasured drop of blood.
   E. Portability and battery powered.

5. Which of the following statements about the activated clotting time is false?
   A. It is used to monitor heparin therapy and its reversal with protamine.
   B. It uses blood, collected in a tube containing a clot-activating material.
   C. The same technology is used for several other clotting tests.
   D. This test was developed recently.
   E. Evidence of continued competence of individuals performing the test at the bedside.

6. The most common detection method for determining glucose in meters used with hospital data management systems is:
   A. glucose dehydrogenase.
   B. glucose oxidase.
   C. electrochemical detection.
   D. hexokinase.
   E. o-toluidine.

7. All of the following may introduce an error in the measurement of fingerstick glucose on a meter except:
   A. Hypoxia.
   B. Systolic blood pressure less than 80 mm Hg.
   C. Hematocrit greater than 55%.
   D. Hematocrit less than 35%.
   E. Temperature greater than 38°C.

8. A recent College of American Pathologists Q-Probe study reported that the individual most frequently responsible for monitoring bedside glucose testing was:
   A. a nurse.
   B. a medical technologist.
   C. a pathologist.
   D. a dietitian.

9. Which data management system allows the user to enter comments with patient results?
   A. Satellite G
   B. One Touch II Hospital system
   C. QA Utilities
   D. AccuData GTS

10. Which glucose meters have not been approved for neonatal use?
    A. One Touch II Hospital/Satellite G/AccuChek III
    B. Satellite G/Glucometer Encore QA/AccuChek Easy
    C. Glucometer QA/One Touch II Hospital/Satellite G
    D. AccuChek III/Glucometer Encore QA/One Touch II Hospital

Answers
1. A B C D E
2. A B C D E
3. A B C D E
4. A B C D E
5. A B C D E
6. A B C D E
7. A B C D E
8. A B C D E
9. A B C D E
10. A B C D E

Indicate the correct answer by circling the appropriate letter for each question.