Glucometer POCT Post Test

Name ____________________________ ID# ____________ (☐ ID not valid, notify lab & Dept manager)

Date ______/____/____ Unit __________ Manager ________________________________

Choose the Single Best Answer: Score: _______ ☐ Pass ☐ Fail (action plan):____________________________

1. Quality controls should be performed; every 24 hours, after a meter has been dropped or damaged, and when the patient’s result contradicts the patient’s condition.
   a. True
   b. False

2. Blood glucose test strips expire on the manufacturer’s printed date on the label.
   a. True
   b. False

3. When not in use the glucometer can be stored in the carrying case but it must be connected to the data upload cable before and after each use to download the data to the lab.
   a. True
   b. False

4. Gloves must be worn when performing blood glucose or glucose control testing and when cleaning the glucometer.
   a. True
   b. False

5. The glucometer will display ‘Strip Inserted’ once the test strip is placed with the contact bars facing up into the meter.
   a. True
   b. False

6. Once the test is completed, the used test strip can be disposed of in a white (non-hazardous) trash receptacle.
   a. True
   b. False

7. When first opening a glucose control solution it must be dated, initialed and the new expiration (90 days from opening) date placed on the vial.
   a. True
   b. False

8. If the ‘less than’ symbol (<) occurs on a patient test, and the patient is not symptomatic, you should repeat the test prior to obtaining a laboratory sample.
   a. True
   b. False

9. Only capillary, venous, arterial or heparinized and EDTA whole blood samples should be used when testing with the glucometer.
   a. True
   b. False

10. Controls must come to room temperature prior to use.
    a. True
    b. False
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11. A Hematocrit less than 20% or if serum or plasma samples are used instead of whole blood it can cause a higher than expected glucose reading.
   a. True
   b. False

12. How do you know if you have applied enough blood to the target area of the Blood Glucose Test Strip?
   a. You must visually check the test strip
   b. You will not know if you have enough sample for the test
   c. You will hear an audible beep and the testing countdown will automatically start
   d. You see the screen change to "Apply Sample"

13. Should blood or control solution come in contact with the port protector you should:
   a. Check for presence of blood and replace port protector if contaminated
   b. Check for presence of control solution and replace port protector if contaminated
   c. Complete test anyway and replace port protector later
   d. Answers a & b
   e. None of the above

14. The Clear key will:
   a. Back up one space while entering numbers on the keypad
   b. Clear a numerical code after the Enter key is pressed
   c. Clear a barcode scanned by mistake
   d. Return to a previous menu
   e. All of the above

15. Which of the following conditions can cause a lower than expected glucose reading?
   a. Hematocrit higher than 70%
   b. Hyperglycemic, hyperosmolar state
   c. Dehydration, hypotension, or shock
   d. Water or alcohol remaining on puncture site
   e. Venous or arterial blood sample not tested within 30 minutes
   f. All of the above

16. What type of batteries does the Glucometer (Precision Xceed Pro Monitor) accept?
   a. One 9 Volt
   b. Two AA Batteries
   c. NiMH rechargeable batteries
   d. Answers a & c
   e. Answers b & c

17. If applicable, what is the process for verifying the patient identifier when using the Glucometer (Precision Xceed Pro Monitor)?
   a. Confirm the Patient ID by entering the patient's two-digit Year of Birth
   b. Confirm the Patient ID by selecting "Confirm"
   c. Confirm the Patient ID by manually re-entering the Patient ID number