

Xceed Pro Glucose Meter Competency Assessment Test

Student (or Faculty) Name: _____

ProMedica ID #: _____ Facility: _____ Unit: _____

1. Within a few seconds after applying a drop of blood to the test strip, the Xceed Pro Meter should beep and indicate, "SAMPLE ACCEPTED." If this message does not appear, how long do you have to apply a second drop of blood?
 - a. 20 Seconds
 - b. 30 Seconds
 - c. A second drop of blood cannot be applied.

2. How often must you run both levels of quality controls?
 - a. Every day of patient testing.
 - b. Once a month
 - c. Once a week

3. When you open a new box of quality controls, you must label each bottle with the expiration date. They expire _____ days from the date you open them.
 - a. 30 Days
 - b. 60 Days
 - c. 90 Days

4. Why should the first drop of blood be wiped from the patient's finger with gauze and the test be performed on the second drop?
 - a. The first drop of blood is too thick for the sample strip.
 - b. To assure the finger is cleaned properly.
 - c. To make sure the tissue fluid does not alter the blood sample.

5. The **CLEAR** key will: **SELECT ALL THAT APPLY**
 - a. Back up one space while entering numbers on the keypad.
 - b. Clear a barcode scanned by mistake.
 - c. Return to a previous screen.

6. Comment code "**4**" is entered with the patient result to:
 - a. Acknowledge the result is a critical value.
 - b. Delete a patient test when you make an error.
 - c. Indicate you repeated the test.

7. Why is it important to keep the glucose meter flat (horizontal) when running controls or a patient test?
 - a. Holding the glucose meter upright causes liquids to enter the test port, which will require the meter to be replaced.
 - b. The glucose meter will turn off if the meter is tipped up or down.
 - c. You will get an error code if you do not keep the glucose meter flat.

8. The patient test result displays as ▲ 423 mg/dL. What does this mean?
 - a. It is a High Critical Result.
 - b. It is an invalid result.
 - c. It is greater than 423.

9. If the bar code scanner fails to scan, what could you do to troubleshoot? **SELECT ALL THAT APPLY**
 - a. Clean the laser-scanning window with a soft cloth.
 - b. Replace the two AA batteries if the battery indicator is low.
 - c. Tap the glucose meter on the countertop to “reset” the scanner and batteries.

10. The Xceed Pro meter displays “TERST MEMORY UPLOAD REQUIRED.” What should you do?
 - a. Borrow a meter from another unit.
 - b. Run Controls
 - c. Place the meter in a docking station or docking cable.

11. If your Xceed Pro meter is malfunctioning, where do you take it to obtain a replacement?
 - a. Clinical Engineering
 - b. The Laboratory

12. What steps would you take if the Quality Control fails? **SELECT ALL THAT APPLY**
 - a. Check the quality control bottles and make sure they have not expired. Replace them if they are expired.
 - b. Check to make sure the correct control (LO or HI) was analyzed.
 - c. Remix the control, expel any air bubbles and re-run the control.

13. What would happen if you repeated a patient test on the same glucose meter within 5 minutes without downloading in between?
 - a. Both glucose results will be in the patient’s electronic record.
 - b. The first result will be in the patient’s electronic record.
 - c. The second (repeated) result will be in the patient’s electronic record.

14. To re-display and review your **last** patient result in the Xceed Pro meter you would:
 - a. Turn the meter on and the last patient result will automatically display.
 - b. Turn the meter on, press the MENU key, choose DATA REVIEW, enter your Employee ID #, and then choose “3” – All Patient Data.

15. You patient test result displays as >500mg/dL. What does this mean? **SELECT ALL THAT APPLY**
 - a. The result is less than 500mg/dL.
 - b. The result is too high for the Xceed Pro Meter to read.
 - c. You should order a laboratory glucose test to obtain an accurate glucose result.

16. When performing a patient test after you scan the patient armband you can keep the scan button depressed to review the patient ID for accuracy.
- True
 - False
17. What patient number do you enter into the Xceed Pro Meter for the PATIENT ID?
- Current CSN or admission number.
 - Medical Record Number (MRN)
 - Social Security Number
18. Accurate bedside glucose results rely on good circulation to the fingers and feet. Severe dehydration, hypotension, and shock are disease states, which could affect circulation to the fingers and result in, lower than expected glucose results.
- True
 - False
19. If you made an error running a patient glucose test and did **NOT** enter the Comment Code #4 when the result was displayed, how would you correct the record?
- Call the IT Service Desk for help.
 - Call the Laboratory and report your error.
 - Complete a MedEx POC Corrected Report Form and forward the form to the lab.
20. If a patient has not been assigned an admission number and a glucose is needed emergently (newborns, urgent ER situation, etc.) which steps would you do? **SELECT ALL THAT APPLY**
- Complete a MedEx POC Corrected Report form, including patient CSN once it has been assigned.
 - Perform the testing using all 9's as the patient ID.
 - Send the completed POC Corrected Report Form to the lab.
21. Why is it important to make sure the patient ID band is replaced when a patient is transferred in from other facility?
- As long as the barcode on the ID band scans, it is acceptable to use for testing.
 - The barcode from another facility will not scan.
 - The barcode on the ID band from another facility can be scanned, but will be the wrong CSN / admission number and test results will not be transmitted.