

**HACKETTSTOWN REGIONAL MEDICAL CENTER
LABORATORY – POINT OF CARE POLICY MANUAL**

Accucheck Inform Wound Care Center

=====

Effective Date: August 7, 2006

Policy No: POC 0014

Cross Referenced:

Origin: Point of Care Tests

Reviewed Date: 6/10;11/11;6/12

Authority: Cristina Hom, MLS (ASCP),
POC Coordinator

Revised Date: October 31, 2011

Page: 1 of 2

SCOPE: Wound Care Center

PURPOSE : To measure the amount of blood glucose before and/or after the hyperbaric treatment.

POLICY:

1. Perform the blood glucose monitoring on all diabetic patients before and after the hyperbaric treatment regardless if they have symptoms or not.
2. Before the hyperbaric treatment the glucose ranges must not be lower than 120mg/dl.
3. Check the glucose again after the treatment.
4. Glucose above 400mg/dl must be repeated and if confirm high the patient is sent to the emergency room and notify their physician. Document if the patient refuses to go to the ER and their physician is also notified with this decision. Up to 500mg/dl is acceptable to get a treatment.
5. Staff performing the procedure must be certified.
6. Standard precautions must be observed.
7. Controls must be run first when a patient is scheduled for treatment. Refer to POC 0002 and follow the directions.
8. Meter must first be turned off before docking it into the base unit. Meter must always be docked when not in use.
9. When using an alcohol swab the finger must be air dried before using the lancet. The first drop of blood must be wiped off to eliminate alcohol contamination.

STORAGE:

Tightly replace the vial caps immediately after removing a test strip. Exposure to moisture may cause the meter to give an error message or give incorrect results. Test strips and controls must be kept at room temperature with less than 85% humidity. Do not refrigerate or freeze.

PATIENT PROCEDURES:

1. The following items should be gathered and taken to the patient's bedside:
 - Accucheck Inform meter
 - Lancets
 - Alcohol swabs
 - Cotton ball or gauze
 - Accucheck Comfort Curve test strips
 - Disposable gloves
2. If they're able, help them wash their hands with warm water.
3. Press the power **ON/OFF** button located below the center of the touchscreen.
4. Meter will do self check. If QC is required, the message "**QC Due Immediately**" is displayed on the screen. Run QC first following the SOP.
5. Press **▶** to proceed. The Operator ID screen appears. Press **SCAN** and scan the employee badge. Position the scanning beam approximately four to eight inches above your employee barcode. A beep indicates a successful scan of the badge.
6. Main menu will be displayed.

**HACKETTSTOWN REGIONAL MEDICAL CENTER
LABORATORY – POINT OF CARE POLICY MANUAL**

Accucheck Inform Wound Care Center

=====

Effective Date: August 7, 2006

Policy No: POC 0014

Cross Referenced:

Origin: Point of Care Tests

Reviewed Date: 6/10;11/11;6/12

Authority: Cristina Hom, MLS (ASCP),
POC Coordinator

Revised Date: October 31, 2011

Page: 2 of 2

7. Press **PATIENT TEST** button. Enter manually the medical record number of the patient (refer to the policy above if a patient is unregistered at the time testing needs to be done).
8. Verify the strip lot number by pressing the **SCAN** button.
9. Scan the barcode of the strip vial.
10. **Insert Strip** screen appears and gently insert the strip into the meter with the electrodes facing up and toward the test strip port.
11. Once the strip has been properly inserted, the **Apply Sample** screen appears.
12. Cleanse finger with alcohol and allow it to thoroughly dry. (Alcohol at the puncture site must be dry or an error code/inaccurate result may occur).
13. Prick finger with lancet. Squeeze the finger and wipe off the first drop of blood. Squeeze finger again, touch and hold drop of blood to the edge of the test strip and the blood will be pulled into the strip. Meter will beep after the sample is recognized. Completely cover the yellow target area and add the second dose within 15 seconds. Do not smear the blood on top of the yellow target area.
14. A screen with an hourglass is displayed while the meter completes the test.
15. Once the test is completed, an audible beep is heard and the patient result is displayed on the screen.
16. Repeat any result with a critical value, “HI” and “LO”. Notify the MD immediately.
17. Enter proper comments, if necessary by pressing **COMMENTS** and choose the appropriate one. Up to three comments can be entered for each result.
18. Press the ► button when finished entering the comments or to return to the main menu. Press **PATIENT TEST** again to repeat the same patient or to do another patient. Remove the test strip and discard according to the Infection Control policy.
19. Select YES to do another test. Select NO to turn the machine off.
20. Document the blood glucose result according to departmental policy.

REFERENCES:

1. Roche Operator’s Manual Accucheck Inform.
2. Accucheck Comfort Curve package insert.