

COMPETENCY ASSESSMENT

Department: Nursing Position: _____

Competency Statement: **Performs Glucose Testing Using the Accu-Chek Inform II**

Performance Criteria:

1. Routine Testing Procedure

- a. Confirm patient ID before performing test.
- b. Turn on Accu-Chek meter.
- c. Scan operator ID.
- d. Select patient test.
- e. Scan patient ID. QR works best on armbands. Enter CSN (11 digits) for manual entry only when barcode scan does not work. Replace worn armbands so scan works.
- f. Scan barcode on strip vial.
- g. Insert testing strip.
- h. Lance fingertip and wipe away first drop of blood.
- i. Apply blood to testing strip so no yellow is visible.
- j. Results will be displayed within 5 seconds.
- k. Select "Comment" button and enter appropriate comments (up to 3). Typical comment is "Expected Result." Use "**Procedure error**" when the result should NOT go to EMR and repeat test.
- l. When done select Checkmark key to return to patient result.
- m. Discard testing strip and blood drawing supplies in appropriate biohazard waste receptacle.
- n. Clean meter after every use with 10% bleach.
- o. Wipe dry after wet time of 3 minutes and return to charging base.

2. Reviewing Results

- a. Turn on bedside glucose meter.
- b. Scan operator ID and select "right arrow" key to get to Main Menu.
- c. Select "Review Result."
- d. Results are displayed in reverse chronological order or select option "Patient" and enter patient ID or scan patient ID.

3. Verbalizes for Best Results and Troubleshooting.

- a. Getting a good drop of blood and never using first drop of blood.
- b. Troubleshooting "error messages," e.g., dosed too soon, not enough blood, strips outdated or exposed to air, etc.
- c. Troubleshooting when QC fails (inadvertent QC switch, not enough dosing, prolonged exposure of strips, replacing QC, and repeating QC test).
- d. Verbalizes "Repeat Test" and rerun QC.

4. Quality Control

- a. Verbalizes what to do when "QC Due" appears on the display.
- b. State when to discard solution (at the expiration date, or 3 months after opening, whichever comes first).
- c. Writes "**Expiration date**" on control. Discard date for strips is the manufacturer's expiration date.
- d. Perform exactly like a routine test using one drop of one level of control solution instead of blood.
- e. Gently squeeze drop of solution to yellow notch at end of strip.
- f. Enter Comments for all testing. Typical comment is "QC OK."

5. Daily Maintenance

- a. Demonstrate maintenance procedure for Accu-Chek performed as stated in Policy and Procedure.
- b. Correctly state minimum cleaning frequency.

6. After testing is complete return glucose meter to charging cradle and assure connectivity.

7. Document patient results and quality control and follow-up per procedure.

8. Identifies high and low critical values and appropriate follow-up.

9. Completes written Accu-Chek Competency test with a score of 80% or better.

References: 1)Roche Diagnostics Accu-Chek Inform II System Operator's Manual 2)St. Joseph Health System Procedures

I have completed all of the above requirements and feel competent in performing the activities required. I agree that the appropriate policies/procedures and resources have been reviewed.

Employee Name _____ Hospital: _____ Unit: _____

(Print legibly)

Employee Signature _____ ID: _____ Date _____

