

Santa Rosa Memorial • Petaluma Valley

## 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 worm armbands so scan works.
- f. Scan barcode on strip vial.
- 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.
- 1. 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- b. Troubleshooting "error messages," e.g., dosed too soon, not enough blood, strips outdated or exposed to air, etc.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 OC 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

De	partment: <u>Nursing Laboratory</u> Position		
	nployee Name rint legibly)	Hospital:	Unit:
	nployee Signature	ID:	Date
Co	ompetency Statement: Passed written test with	n at score of at least 80%.	Score:
Ci	rcle the correct answer:		
1.	All QC material must be label with expa) True	piration date upon opening: b) False	
2.	Two levels of quality control must be a  a) True	run daily before performing a b) False	any patient testing
3.	The ACCU-CHEK instrument must be a) At least once a day d) After entering in isolated room		e) Only when blood stain can be seen
4.	It is possible to run Patients when QC a) True	fails: b) False	
5.	It is allowed to do finger stick glucose a) True	on a critically ill patient on a b) False	pressor in ICU:
6.	The ACCU-Chek must be cleaned with a) Alcohol b) Clorox germicide		Peroxide d) Only DI water
7.	7. Critical values for adult glucose test:  a) Less than <50mg/dL and greater than >400mg/dL  b) Less than <55mg/dL and greater than >400mg/dL  c) Less that <40mg/dL and greater than >600mg/dL  d) Less than <60mg/dL and greater than >600mg/dL		
8.	<ul> <li>After obtaining a critical value on Accu-chek the following steps would be:</li> <li>a) Confirm test every time a critical value is obtained.</li> <li>b) Document the provider was notified by adding comment: "Notify provider"</li> <li>c) Follow your department policy for critical values</li> <li>d) All the above</li> <li>e) b and c only</li> </ul>		
9.	The Accu-Chek policy/procedure can la a) EMR b) PolicyStat (SRMH and la can la		d) <u>SRM-PVH-POCT@stjoe.org</u>
	QC performance has been monitored impetency, qualifying this user to perform accu-cleaceptor or RN Name and Signature	nek testing.	<b>ble.</b> Skill performance demonstrates basic  Date

To activate the employee: Send an e-mail that includes the **name and employee ID** to: **SRM-PVH-POCT@stjoe.org** The signed original is filed in the Employee's Folder.