

Michigan Medicine Department of Nursing
PROCEDURE/SKILLS Competency Evaluation: Accu-Chek® Inform II Glucose Meter

Name: _____ ID: _____ Department: _____

<p>VALIDATOR EVALUATION: 1= Independent W/O Errors 2= Independent w/ Minor Errors 3= Verbal Prompts w/ Errors</p>

Competency: *Staff will properly use the Accucheck Inform® to obtain Point-of Care Glucose measurement*

Skill/Steps	Rationale	Validator		
Performs high and low quality control tests	<i>Annual re-certification may be done and recorded electronically through glucose meter</i>	1	2	3
<ol style="list-style-type: none"> 1. Checks expirations dates of supplies, discarding outdated 2. Performs QC each day or when meter error is suspected 3. Turns meter on and scans own OPERATOR ID barcode (i.e. UMID#). 4. Selects CONTROL TEST then Level 1 or 2 5. Scans & verifies lot number of Control Solutions 6. Scans test strip vial code & verifies match on screen 7. Removes strip, recaps vial immediately, inserts strip when indicated on display 8. Applies 1 drop control solution to strip's yellow dosing area when indicated 9. Notes result, runs next control level <ol style="list-style-type: none"> a. FAIL: enters appropriate comment(s), correct potential causes, repeats control test b. Continued "out of range", reports to Charge Nurse, removes from service, exchanges meter at Chemistry Dept. or local lab 	<ol style="list-style-type: none"> 1. Control solutions are relabeled with current day, month, day, and year & 3-month expiration date upon opening. Use until that or printed expiration date, whichever occurs soonest. DO NOT SHAKE CONTROL SOLUTIONS Strips expire on manufacturer's date if tightly closed in original vial 2. QC prior to testing patient samples to ensure accuracy 3., 5, 6. Manual entry of data increases risk of error 	Comments:		

Skill/Steps	Rationale	Validator		
<p>Accurately measures and records capillary blood glucose reading following Infection Control guidelines</p> <ol style="list-style-type: none"> 1. Cleans the meter with proper wipe (Oxivir or Bleach) prior to each use 2. Checks expirations dates of supplies, discarding outdated 3. Identifies patient with 2 identifiers 4. Instructs patient re: procedure and to wash hands, if able 5. DOES NOT perform finger stick on patient's with low perfusion/BP 6. Turns meter on and scans own OPERATOR ID barcode (i.e. UMID #) 7. Ensures wireless connection is accessed, if available 8. Selects PATIENT TEST 9. Scans patient's bar coded CSN on the wristband at bedside & verifies that PATIENT ID# on screen matches wristband's CSN 10. Scans then verifies that test strip code on vial and meter match 11. Removes strip, recaps vial immediately, inserts strip into meter when displayed on screen 12. When indicated, obtains pure blood capillary, venous, or arterial sample: <ol style="list-style-type: none"> a. Allows alcohol to dry, if used for prep b. Gently squeezes, pricks side of fingertip or heel with lancet at shortest level c. Wipes away first drop of blood with dry gauze 13. Touches blood ONLY to strip's yellow dosing area 14. Notes results and enters comments, if applicable 15. Presses check icon to transmit results 16. Notifies physician/nurse of results appropriately (See values/actions below) 17. AFTER EACH USE, washes hands and wipes meter surface with Oxivir (C diff pts only: 1:10 bleach wipe) 18. Allows to dry then places meter in wired or wireless base to recharge and/or transmit data, responding appropriately to connection problems 19. Documents results per unit guidelines. 	<p><i>This may be completed with a test reagent or patient sample. Current Accu-chek Inform users may describe steps</i></p> <ol style="list-style-type: none"> 2. Strips expire on manufacturer's date if tightly closed in original vial 4., 7, 8. Manual entry of data increases risk of error. 7. Carefully enters CSN manually, only in areas that do not use ID band MRN is not correct entry for glucose meter 10. Prevents error readings Note- CORD Blood is not acceptable 11. Avoid contamination 14. Spraying, immersing, or cleaning with dripping cloth can damage meter. 16. Wireless base charges battery only Wired base re-establishes wireless connection; transmits and receives data 17. Submits MCIT Remedy Ticket for base/dataport connectivity issues 	1	2	3
		<p>Comments:</p>		

Skills/Steps	Rationale	Validator		
Takes appropriate action for normal, critical, and out-of range values		Validator		
<ol style="list-style-type: none"> States range of "normal" readings Stays with Patient while notifying STAT nurse/physician of critical values Out-of-range for patient: Enters "comments" as needed; Retests; Notifies nurse/physician ASAP for unusual results Intervenes as ordered Retests 15 minutes after treatment to determine effectiveness Documents hyper or hypoglycemic episode, interventions, and that resolution occurred within 30 minutes 	<ol style="list-style-type: none"> Normal =73-100 mg/dL Critical Ranges (CR) = Inpatient age 1yr-adult: < 50 or > 500 Inpatient Peds > 3mos -1yr: <40 or >500 Outpatient 1yr-adult: <40 or >500 Newborns (0-3months old) < 40 or > 200 Retest/notify =<70 or >150, or per call parameters CMS required 	1	2	3
		Comments:		

This employee has satisfactorily completed the above competency

Employee	Signature	Initials	Date
Validator	Signature	Initials	Date

This competency has not been achieved. Action Plan and expected date of completion as follows:

Validator	Signature	Initials	Date
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Resources:

[Point of Care Policy](#)

[Accu-Chek Inform II Quick Reference Guide](#)

[AccuChek Inform II Operator's Manual](#)

[Glucometer Cleaning Guideline](#)

[Lab Handbook- Onsite POC](#)