

UMHS Department of Nursing
PROCEDURE/SKILLS Competency Evaluation: Roche Chemstrip 7 or 10 Macro-Urinalysis

SELF-EVALUATION:
 1=Independent
 2= Need assist

Name: _____ ID: _____ Department: _____

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

Competency: Staff will properly perform macroscopic urinalysis using the Chemstrip7 or Chemstrip 10

Skill/Steps	Rationale/Comments	Self		Validator		
Demonstrates quality control for Chemstrip 7 or 10, if applicable		1	2	1	2	3
<ol style="list-style-type: none"> Checks control values on package insert, if using new solution Tests each new vial of Chemstrips with normal and abnormal controls and records results before using for patient samples Repeats control tests if not within acceptable limits 		Comments:				
Accurately measures and records macroscopic urinalysis results		Self		Validator		
<ol style="list-style-type: none"> Identifies patient/specimen with two positive identifiers Obtains clean catch urine sample Tests within one hour OR stores refrigerated (2-8 ° C) for up to 6 hours and brings to room temperature before testing Washes hands and dons clean gloves Verifies expiration date on Chemstrip vial. Does not use expired products. Mixes specimen before testing Dips Chemstrip for no longer than 1 sec. into the specimen, saturating all pads For small volume specimens, uses disposable pipette Draws edge of strip along rim of container then turns test strip on its side on absorbent paper Holds strip close to the color blocks on the vial without making contact Reads color change accurately at 1 min.; leukocytes at 2 min. Discards test strip in trash, urine in sewage system Removes gloves and washes hands Reports and record results on bench lab sheet, CareLink, MiChart 	<ol style="list-style-type: none"> Inaccurate results occur from testing old specimens Expire products may yield inaccurate results Removes excess urine preventing mixing of chemicals Avoid contaminating vial 	1	2	1	2	3
Responds to results appropriately		Self		Validator		
<ol style="list-style-type: none"> RN identifies significance of positive or abnormal results and intervenes appropriately. 		1	2	1	2	3

Competency**Employee Name****UMID**

<p>2. Reports results to provider to obtain order for microscopic urinalysis</p> <p>3. Prepares specimen</p> <p>a. East Ann Arbor Lab: centrifuge specimen for 6 minutes at 3000 rpm and decant supernatant. Mix sediment and examine as directed in "Microscopic Urinalysis" procedure</p> <p>b. All other sites: Order a UMIC and send specimen to main hospital lab</p> <p>4. Documents results/actions per unit or area guidelines in CareLink, MiChart</p> <p>a. For unexpected color due to interference from colored urine, reports as "Unable to report macro result due to chromagen in urine"</p> <ul style="list-style-type: none"> • Presses Footnote Key • Selects and enters result option number for FOOTNOTE. • Presses PF1 and G keys, Return • Enters CU after template 000 for footnote, "Unable to report macro result due to chromagen in urine" • Presses Home to save the comment. 	<p>4a. This automatically places it into the result field and the window opens to for a comment.</p>	
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Employee	Signature	initials	Date
Validator	Signature	Initials	Date
Validator	Signature	Initials	Date

This employee has satisfactorily completed the above competency

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

Validator	Signature	Initials	Date
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Resources:

<http://www.pathology.med.umich.edu/policies/index.php?polnum=POC3>

<http://www.pathology.med.umich.edu/policies/index.php?polnum=POC4>

<http://www.pathology.med.umich.edu/poc/offsite/urinalysis.html>