

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

Clinitek Status Plus Analyzer with Connect System

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Effective Date: January 21, 2014

Policy No: POC ER 0003.1

Cross Referenced:

Origin: Point of Care Tests

Reviewed Date:

Authority: Laboratory Director

Revised Date: Jan 27, 2015

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SCOPE: Emergency Room department

PURPOSE: To provide a screening test that will aid in the diagnosis of various diseases in the areas of kidney function, urinary tract infections, carbohydrate metabolism and liver function with a faster turn around time.

POLICY:

1. Clinicians must be certified to perform the test. Initial certification is done during orientation followed six months on the first year and yearly thereafter. ID badge # will be added on the operator's list after the orientation.
2. Standard precautions must be observed.
3. Make sure each specimen container is labeled with patient information before testing begins.
4. Quality Controls Level 1 and Level 2 must be performed daily and with each new lot number of reagent strips. No patient test can be performed unless QCs are run and both levels passed.
5. Quality Controls (Biorad) must be labeled with **new expiration dates** after opening (**10 days expiration from the date opened**).
6. Do not use quality controls and/or Multistix after their expiration dates.
7. If patient results are negative, there is no need for confirmation.
8. If **blood, leukocytes, bilirubin, nitrite, and/or protein are positive**, the physician must order a complete urinalysis including a microscopic examination for confirmation.
9. Patient results must be entered in Cerner.
10. Patient samples can not be run on the machine during **Cerner downtime**. Send all samples to the laboratory until Cerner system is back up and running.
11. Table tray insert must be cleaned after EACH sample use (see maintenance section below).

MATERIALS:

1. Clinitek Status Analyzer Plus with Connect system
2. Biorad Controls Level 1 and Level 2
3. Labeled urine specimen cup
4. Multistix 10 SG chemstrips

STORAGE:

Store Multistix 10 SG at room temperature. Do not use the strips after their expiration date. Do not remove the desiccant from the bottle. Protect against exposure to light, heat and ambient moisture to guard against altered reagent reactivity. Biorad controls can be stored at room temperature but expiration will change to **10 days after opening**.

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PROCEDURES FOR PATIENT TEST:

1. Turn **ON** the Clinitek Status Plus analyzer and the meter will go through its own system check.
2. **Select Ready screen** (Main Menu) will appear when system check is ok.
3. Select **Strip Test**.
4. **Operator ID** screen appear, **SCAN** your badge then press **ENTER**
5. **Operator NAME** screen will appear, press **Enter New Operator** then **SCAN badge again** then press **ENTER**.
6. Patient ID screen appear then **SCAN MRN or FIN #'s** from patient's label.
7. **SCAN** barcode on vial **OR** press box that says **USE LAST LOT**.
8. Dip the strip into the cup and blot the excess by tilting the strip on its side.
9. Press **START** button.
10. Place the strip on the tray carefully.
11. Enter the **CLARITY** of the sample then press **ENTER** (patient result will not print out until this is entered).
12. Enter result in Cerner for documentation and billing.

PROCEDURE FOR QC TEST:

1. Press **QC Test** button.
2. **Operator ID** screen appear, **SCAN** your badge then press **ENTER**
3. **Operator NAME** screen will appear, press **Enter New Operator** then **SCAN badge again** then press **ENTER**.
4. Enter **QC Lot # and Expiration date manually** (the 30 day expiration).
5. Scan vial for **Strip Lot**.
6. Place a drop of QC liquid on each pad of the chemstrip.
7. Press **START** button.
8. Result will be **QC PASS or QC FAIL**. Repeat QC FAIL.
9. QC Level 1 and 2 must be run within 10 minutes of each other, otherwise any PASSED QC doesn't count.

MAINTENANCE (after EACH sample use):

1. Remove table tray insert and clean with damp gauze.
2. Dry thoroughly with clean gauze and replace insert.

WEEKLY:

1. Disinfect the test table and the insert once a week with diluted bleach. Use 1:20 by mixing 5 ml bleach with 95ml water for a total of 100ml.
2. Remove the table insert from the test table.
3. Remove the test table by pulling it slowly out of the analyzer.
4. Place the table insert and test table into the solution, with the white calibration bar on the test table above the liquid level. **CAUTION:** Be sure the cleaning solution does not come in contact with the white calibration bar. Cleaning solution can discolor or damage the calibration bar.

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5. Soak the test table and the table insert for a minimum of 2 minutes and maximum of 10 minutes.
6. Rinse the test table and table insert thoroughly with water.
7. Dry them thoroughly with a soft cloth, except for the white calibration bar.
8. Insert the test table and table insert in the analyzer.

NOTE: If the white calibration bar appears dirty or discolored, perform the following steps:

1. Wet a new cotton-tipped stick or lint-free cloth with distilled water and gently wipe and clean the calibration bar.
2. Allow the calibration bar to air dry.
3. Inspect the surface for dust, foreign material, scratches or scuffs.
4. Insert the test table and table insert in the analyzer.

REFERENCED :

1. Clinitek Status + Analyzer Operator's Manual.
2. Multistix 10SG manual.