

Point of Care Laboratory Training Form

iSTAT Analyzer

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Operator ID\_\_\_\_\_\_\_\_\_\_\_ Unit\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

GENERAL

* + location of iSTAT Manual
  + 9-volt lithium batteries only
  + Specimen is light green top
  + Venipuncture specimens
* practice universal precautions when collecting samples and when performing tests

CARTRIDGE INFO

* Understands importance of entering the cartridge lot# being used
* proper storage of cartridges
* mandatory labeling all cartridges with expiration date of 14 days later once removed from refrigerator to room temperature
* DO NOT not use any supplies which do not have a written expiration date on them

QC

* Simulator QC performed every 24 hours – no testing if not completed
* location of Simulator
* Use of simulator - performs
* Knows QC should be performed in the following situations:
  + - * To check the performance of the analyzer
      * If there is a question about the operator’s technique
      * If the iSTAT analyzer has been dropped
      * If a patient result is questioned

SPECIMEN

* Whole blood from light green top tube (LiHeparin) – unspun
* Must be tested within 30 minutes after collection

TESTING

* + Programming for patient testing:
  + how to access and use various menus
  + using/entering their own unique ID#
  + entering Patient ID# (account#)
  + proper handling of cartridges – by the sides, NEVER by the top/bottom
  + proper loading and amount of specimen added to cartridge
  + the proper insertion into the analyzer
  + Test performed during training

RESULTS

* + proper procedure in reporting and recording patient results
  + in CPSI
  + on Manual Lab Report Form
  + handling/reporting critical values
  + if patient test result does not match expected results, patient condition or is questionable
  + repeat
  + send to lab/HEB

* documenting on the Corrective action log any analyzer problems, and measures taken to rectify the problem
* monitor display codes
* meaning of < or > to mean results = exceeds the measuring range of the instrument
* specimen should be sent to the lab for testing/confirmation of result
* meaning and action to take when \*\*\*\* appears on the analyzer instead of results

MAINTENANCE

* MUST clean the analyzer using one of the following after each patient tested

Alcohol PDI® Super Sani-Cloth® 10% Bleach

Soap and water Detergent Mild, non-abrasive cleaner

* followed by wiping down with gauze pad moistened with water and drying

Acknowledgement:

I acknowledge that I have been trained in the performance of the tests / duties listed. I have reviewed the items listed, performed procedures where required and I feel qualified to perform the tasks listed.

OPERATOR\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I acknowledge the above operator has been trained, and has successfully performed QC and a blind sample., and completed the MTS on-line exam, and therefore is qualified to perform testing on the iSTAT analyzer.

TRAINER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_