

**Glucose 201 DM**

**Operator Training Checklist**

The Operator has demonstrated an understanding of the features or the ability to perform the procedures checked below.

* **INTENDED USE** of the HemoCue Glucose 201 DM system:
* is a diagnostic test for blood glucose - will measure w/in 5% accuracy
* NOT a screening test (15-% - 20% accurate)
* will measure glucose 0 – 400 mg/dl
* **SPECIMEN REQUIREMENTS – WHOLE BLOOD**

**Fingerstick**

**Venipuncture**

* Collected into purple top EDTA tube OR light green LiHeparin tube
* test w/in 30 minutes
* invert tube 10x prior to testing
* Collected into syringe – test immediately after mixing well by inversion 10x
* **STORAGE AND EXPIRATION DATES** of Microcuvettes
* Refrigerated good until package expiration date
* 3 days at Room Temp

\*\*Write expiration date on package if leaving at Room Temp.

\*\*\*May replace unopened packages into refrigerator on same day it was removed

* May use immediately upon removal from refrigerator
* **HemoCue Glucose 201 DM Analyzer**
* Powered by rechargeable battery
* Recharges when left in docking station
* Turning on/self test (must open tray for self test)
* Icons and functions of each
* on start up screen
* on Operator ID screen
* on Testing menu screen
* **TEST PERFORMANCE**

**PROGRAMMING**

by either scanning a barcode, or through use of alpha or numeric key entry

* **Operator ID – logging on/off**
* **QC**
* **Patients**

NOTE: May load cuvette, and start test prior to entering patient information\

* How to enter a comment to a test result
* How to repeat a test
* How to review patient and QC results
* **FILLING CUVETTES**

Fingerstick:

* wipe away 1st drop with gauze
* allow large enough drop of blood to form (without milking!) to fill chamber continuously until full

NOTE: you may not partially fill or ‘re-fill’ the chamber, and then go back and add more specimen

* wipe excess blood from top/bottom of cuvette in a “butter-knife” fashion using gauze
* test w/in 40 seconds of filling cuvette

Venipuncture (into tube or syringe)

* invert specimen 10x
* Place drop of blood onto inner surface of opened cuvette package
* Place tip of cuvette into drop of blood and continuosly fill cuvette
* wipe excess blood from top/bottom of cuvette in a “butter-knife” fashion using gauze
* insert cuvette into analyzer, and close tray

NOTE: DO NOT test cuvettes which

* have been previously tested
* been‘re-filled’
* have air bubbles (except small ones around edges)
* have sat for more than 40 seconds
* **RESULTS**

**Docking Station**

* Will send results to the Hemocue software NOT to CPSI
* Must manually enter collection date/time and results into CPSI – same as current procedure
* **MAINTENANCE**
* **After each patient test**
* Sanitize exterior with alcohol
* Removing the cuvette tray
* **Daily**
* Clean cuvette tray with alcohol or mild soap detergent
* the exterior unit
* **Weekly**
* Cleaning the interior optronic unit using cleaning swab

Operator’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Please Print) Signature

Last 4#s of SS#\_\_\_\_\_\_\_\_\_\_

Instructor’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Please Print) Signature

Date of Training: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_