



Nova StatStrip Glucose Meter Training Checklist

Annual Competency Requirements: Yearly Quiz, 1 set of Quality Control and 3 Patient Samples.

Employee Name-First/Last (Please Print):		Employee ID (Meter Operator ID):	Floor/Location:
Employee Work Email Address (Please Print):			
Meter Basics – Review Points	Completed		Completed
Touch Screen – On/Off, Sleep Mode 90 seconds, 4 Second Wake Up Time.		Rechargeable Battery – Fully charged lasts 8hrs/40 tests	
Analysis Time – 6 Seconds		Bar Code Scanner	
Volume of Sample Required - 1.2 µL		Test Strip Port	
Range of Meter – 0.6 – 33.3 mmol/L		Test Strip Release (Eject Button)	
Docking Station: - Review Points			Completed
Functions: (1) Uploading; (2) Server to Meter, Download; Meter to Server, (3) Charge Battery			
What the Lights on Docking Station Mean: <input type="radio"/> Left Light – Network connection <input type="radio"/> Middle – Data Transferring <input type="radio"/> Right Light– Green battery charged/Amber Charging			
Test Strips: - Review Points	Completed		Completed
Date Vials When Opened & Date of Discard (add 6 Months)		Components of Strip: Gold end, Sample end, Facing up	
Storage: Vial Closed, Away from Light & Heat, Room Temperature		Dosing: Do not under dose or re-dose strips	
Quality Controls - Review Points	Completed		Completed
QC L1 Green–Low & QC L3 Red-High		QC Expires – 3 months after open	
QC Lockout every 24 hrs GLU Locked		Gently mix vials and discard 1 st drop	
Meter Usage: Visual Observation: Operator Performs/Completes:			Completed
1. Powers meter on. Press and release (don't hold down). <i>Best practice is to return meter to base unit between uses.</i>			
2. Operator ID entry - <i>use manual keypad entry or barcode scanner.</i> Hold meter 4-6 inches from barcode at 90' angle.			
3. Blue dialogue bar on top of meter screen to see what is being asked.			
4. Run QC			
a) Press "QC" on screen			
b) Keep meter horizontal			
c) Scan strip lot from container			
d) Scan lot number on QC vial - make note of which vial you are using			
e) Insert strip into test strip port – gold end, facing up			
f) Gently mix, wipe vial tip, discard first drop and apply enough QC material to draw up strip, front edge, wait 6 seconds.			
g) Values displayed: Pass – Blue or Fail – Red			
Value L1: _____		Value L3: _____	
h) Follow-up on failed (out of range) QC (use comments & repeat both levels)			
5. Run Patient Sample – Wear Gloves – Identify Patient – Name, PHN, Date of Birth			
a) Select Patient Test: Accept			

b)	Scan strip lot from the container	
c)	Enter patient number: 0 – Patient identifiers not entered at this time	
d)	Enter strip into meter	
e)	Capillary skin puncture procedure. Site is clean, use of antiseptic, dry skin, poke, discard first drop. Refer to procedure to identify puncture sites, appropriate lancet (one time use only). Alternate: Simulate patient sample testing with a Lab to provide “fake” blood control sample	
f)	Apply strip straight into blood drop and let it fill with capillary action	
g)	6 second	
h)	Know ranges configured in Nova Meter. Normal range: 4.0 – 11.0 mmol/L Critical values: <2.6 & >25.0 mmol/L	
i)	Accept patient value or will be left pending. If you need to enter comments, must be done before accepting.	
Review With Employee:		
j)	How to handle critical glucose results i. Verify good sample quality and correct sample application. ii. Confirm critical result by repeating the test using a new test strip iii. Relay the result to the physician iv. If indicated, order a lab-drawn glucose testing v. Document result and any actions taken in the patient’s medical record	
k)	How to reject result.	
6. Review Patient or QC Results. <i>Main Menu – Select ‘Review’, sort by ID, Time/Date and Type</i>		
7. How to log out. Manual (Top right corner) and Automatic (Docking/Timed Out)		
8. How to reboot. Remove battery and replace to reboot. No On/Off switch.		
9. How/when to clean/disinfect:		
Frequency – After each use and if visibly soiled.		
Use: CaviWipes or Accel (H₂O₂) Intervention Wipes		
Do not get cleaning solution in scanner, strip port or battery connector.		
10. Disposal of bio-hazardous material - <i>infection control policy.</i>		
11. Ongoing competency – Annual Learning Hub Quiz, 1 set of QC and 3 Patient (or simulated) tests. PHSA LearningHub Course Code 22130		
If not completed you will be locked out and have to repeat the online course and in-person		

Scan and email completed Training Checklist to: POCTLabBCCA@bccancer.bc.ca

<p>Employee:</p> <p>I understand all the above items and I will follow applicable procedures.</p> <p>Signature: _____ Date: _____</p>
<p>Trainer/Educator:</p> <p>The employee has fulfilled the education and competency requirements and is certified to use the Nova StatStrip® glucose meter.</p> <p>Name: _____</p> <p>Signature: _____ Date: _____</p>

<p>Lab Use Only</p> <p>Learning Hub Course Completed <input type="radio"/></p> <p>Employee Activated and Notified <input type="radio"/></p> <p>Initials: _____</p>
