



STANTON TERRITORIAL HEALTH AUTHORITY

Yellowknife, Northwest Territories

TITLE: Nova Biomedical Basic Glucometer Care and Maintenance	Revision Date: 07-July-2016	Issue Date: 07-July-2014
Document Number: POC20401	Status: Approved	
Distribution: Point of Care Testing Manual	Page: 1 of 5	
Approved by: C. Case, Manager Diagnostic Services	Signed by: <i>Cheryl Case</i>	

PURPOSE:

To keep the Nova Biomedical StatStrip® Glucose Hospital Meter in good operating condition.

POLICY:

See Hospital Wide Policy L-1040 Point of Care Testing (Laboratory Testing).

SUPPLIES:

- Nova Biomedical StatStrip® Glucose Hospital Meter
- Accel® TB Wipes or Clorox® Professional Disinfecting Bleach Wipes
- Soft cloth or gauze.

EQUIPMENT MAINTENANCE:

To keep the meter in good operating condition, you must keep it clean and handle it with care. Follow these simple rules:

- Keep the meter dry and avoid exposing it to extremes in temperature and humidity.
- Do not take apart the meter.
- If you drop the meter, inspect it for obvious damage. Perform a quality control test prior to running a patient blood glucose test.
- Return the instrument to the docking / charging station after use.

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SPECIAL SAFETY PRECAUTIONS:

- Handle all patient samples and testing sera using “Routine Practices”.
- Please refer to the Northwest Territories Infection Prevention and Control Manual, March 2012.
- Do not get water inside the meter. Never immerse the meter or hold it under running water because it will damage the meter.
- Do not spray the meter with a disinfectant solution

PROCEDURE INSTRUCTIONS:

Follow the steps in the table below to clean the Nova Biomedical StatStrip® Glucose Hospital Meter.



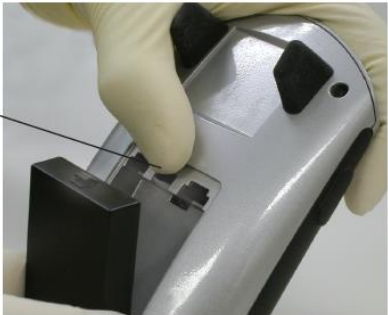
<p>When to clean the meter:</p> <ul style="list-style-type: none"> • If dirt, blood or lint is present. • When an error message appears and the troubleshooting solution indicates cleaning the meter. • A minimum of once every 24 hours. • After performing testing in an isolation room (perform twice)
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Step	Action
1	Clean the surface of the glucometer by wiping the exterior with an Accel® TB Wipe or Clorox® Professional Disinfecting Bleach Wipes as appropriate.
2	Dry thoroughly with a soft cloth or gauze.

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Follow the steps in the table below to change the batteries or restart the instrument.

Step	Action
1	The meter is powered by a 3.7 V Li Polymer battery that can be replaced or removed to restart the instrument during routine troubleshooting.
2	<p>Press the Sleep Mode button to enter the Sleep Mode. This will allow the operator approximately 20 seconds to change the battery and not lose date/time settings.</p> 
3	<p>Turn the meter over. Press down on the cover latch to release the cover. Take the battery cover off the back of the meter.</p> 
4	<p>Push up on the battery latch. Remove the drained battery.</p> 

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5	Replace the battery. The battery is keyed to allow only insertion from the bottom first then push the top in.	 <p>This Contacts to This</p>
6	Replace the battery cover.	

RELATED DOCUMENTS:

- POC20101 Nova Biomedical Glucometer Quality Control Test
- POC20201 Nova Biomedical Glucometer Patient Testing
- POC40202 Nova Biomedical Glucometer Quick Troubleshooting Guide

REFERENCES:

Nova Biomedical, StatStrip® Glucose Hospital Meter, Instructions for Use Manual, Nova Biomedical Corporation, Waltham, MA, 2011

REVISION HISTORY:

REVISION	DATE	Description of Change	REQUESTED BY
1.0	03 Apr 2013	Initial Release	JGD Bernier
		(Replaces POC20400 to reflect new glucometer instrumentation)	
2.0	15 May 14	Updated to include reference to the NWT Infection Prevention & Control Manual; Updated cleaning instructions to include use of Clorox Bleach Wipes; Updated	JGD Bernier

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		Battery Replacement procedure to indicate the use for restarting instrument and removed reference to having a second battery	

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