

## iSTAT1: Appendix H – New User Training Checklist

<b>Name:</b>		<b>Position:</b>
<b>Hospital:</b>		<b>Unit / Ward:</b>
<b>Trainer:</b>		<b>Date of Completion:</b>
	<b>PROCEDURE</b>	<b>Check</b>
1.	Operator has read the i-STAT1 Procedures Knowledge of i-STAT System Components	
2.	<b>Operator Training and Competency Requirements</b> Operator ID & ongoing competency requirements <ol style="list-style-type: none"> <li>1. (Level 1 or Level 3 Aqueous QC or [1] Patient Test Monthly; to include [1] each of a Level 1 and Level 3 Aqueous QC Quarterly.)</li> <li>2. <a href="#">Completion of LearningHub Course ID 18014</a> as part of new user training or Annual Competency.</li> <li>3. <a href="#">New User ID Request Form</a></li> </ol>	
3.	<b>Patient Identification</b> - Patient ID – as per clinical program (MRN, Provincial Transport Number).	
4.	<b>SUPPLIES - EQC, AQC &amp; CARTRIDGE</b>	
5.	Cartridge is at room temperature 5 minutes prior to use. Confirms: <ul style="list-style-type: none"> <li>• Cartridge room temperature Expiry date – by cartridge type.</li> <li>• Cartridge Fridge Expiry date.</li> <li>• Cartridge Lot # with QC chart.</li> <li>• Quality Control room temperature Expiry Date.</li> <li>• Quality Control Fridge Expiry date.</li> </ul> Cartridge handling - to avoid sensor contamination, cartridge damage.	
6.	<b>QUALITY CONTROL – Electronic &amp; Aqueous</b>	
	Successfully performs Electronic Simulator QC. (Daily, q 8 hrs when in use)	
	Successfully performs Aqueous QC Level 1 & Level 3. (QC passed displayed on iSTAT device) Oncology Clinic – daily on day of a patient test. Infant Transport Team – one set quarterly.	
7.	<b>PATIENT TESTING</b>	
	Review proper collection procedure & cartridge fill of patient sample.	

<b>8.</b>	<b>RESULT REPORTING</b>		
	Review results - analytical measuring ranges, critical values Repeating a patient test - analysis on the i-STAT1.		
	Reporting of results as per the clinical program. ( <i>pH &amp; Ionized Ca – BCCH Oncology Clinic</i> )		
	Reporting of results for the Simultaneous Draw.		
	Transmit test results at the Central Data Station. ( <i>Weekly at a minimum</i> ).		
	Review a result stored in the analyzer.		
<b>9.</b>	<b>TROUBLESHOOTING</b>		
	Review of “trouble guide” & Error Codes.		
	Protocol for instrument troubleshooting and instrument replacement.		
<b>10.</b>	<b>MAINTENANCE</b>		
	External cleaning of the analyzer – CaviWipes (Metrex) ( <b>DO NOT USE Accel TB Wipes</b> ).		
	Battery replacement of the analyzer – (<8.0 Volts – iSTAT1 batteries from Abbott only).		
	Analyzer Status screen on the analyzer – software updates are semi-annually.		
<b>iSTAT1 Training: Hands-on Practice Competency Review</b>			
	<b>QC</b>	<b>Results Valid / Pass</b>	<b>Comments</b>
	<b>Electronic QC</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
	<b>iSTAT Level 1</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO	
	<b>iSTAT Level 3</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO	

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**Revisions made to this document require an update to the corresponding document published on ePOPS or SHOP website**