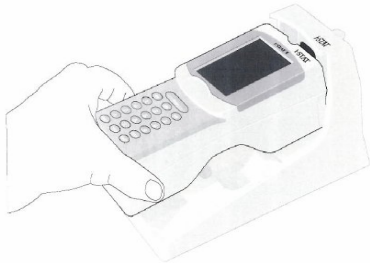


## iSTAT1: QC Data Transfer and Results Reporting Procedure

**Purpose:** Transfer Data from the i-STAT1 to the Central Data Station.

<p><b>During Transport</b></p>	<ol style="list-style-type: none"> <li>Record i-STAT results onto the patient transport flowsheet.</li> <li>Include date, time, and Operator's Provincial number.</li> </ol>	
<p><b>On Arrival to Children's &amp; Women's</b></p> <p><b>Simultaneous Draw: i-STAT vs. Lab Result</b></p>	<ol style="list-style-type: none"> <li>Draw whole blood sample for i-STAT and C&amp;W Lab sample when possible.</li> <li>Simultaneously analyze samples on respective instruments.</li> <li>Record i-STAT test results and Lab Whole Blood Analyzer results onto the patient C&amp;W requisition and transport flowsheet.</li> <li>Respiratory Therapist places patient Whole Blood requisition into the box by the Blood Gas Analyzers ICU Cardiac Lab Rm 1M31.</li> <li>ITT transfers / photocopies patient whole blood requisition and identifies with Patient Provincial Response #. Copy is sent to Laboratory – POC Technologist email <a href="mailto:POCTLab@cw.bc.ca">POCTLab@cw.bc.ca</a> or Pneumatic tube #343.</li> </ol> <p><b>Note:</b> This may not be possible with each patient, but is a best practice event.</p>	
<p><b>Transmitting Results from Downloader / Recharger to the Data Manager.</b></p>  <p><b>Laboratory – Rm. 2J8</b></p>	<ol style="list-style-type: none"> <li>Place the handheld analyzer in the cradle of the IR Link.</li> </ol>	<p>The IR status light on the base of the charger is green. If the light is red check the connecting cables or notify Point of Care Technologist email <a href="mailto:POCTLab@cw.bc.ca">POCTLab@cw.bc.ca</a> local 7521.</p>
	<ol style="list-style-type: none"> <li>Once the IR link is made, the i-STAT will automatically download.</li> </ol>	
	<ol style="list-style-type: none"> <li>Transmits all stored test records and any software or Central Data Station changes.</li> </ol>	
	<ol style="list-style-type: none"> <li>Do not move the analyzer while "Transmitting" is displayed.</li> </ol> <p><b>Note:</b> During transmission the IR Status light will blink alternately blue.</p>	
<p><b>Transmission is successful</b> - "Communication in Progress appears".</p>		<p><b>Transmission is unsuccessful</b> – "Waiting to Send" appears with "Unsent Records" following.</p> <p><b>Note:</b> Remove the i-STAT1 from the cradle. Wait Briefly. Repeat. If transmission fails again notify POCT Technologist email <a href="mailto:POCTLab@cw.bc.ca">POCTLab@cw.bc.ca</a> local 7521.</p>
<p><b>Note:</b> Alternatively,</p> <ul style="list-style-type: none"> <li>Turn i-STAT1 [ON]. Press [MENU]. Press [6-Transmit Data]. Press [4-All].</li> <li>i-STAT-1 analyzer stores up to 1000 patient test results; 5000 test records.</li> <li>Download data from each i-STAT1 analyzer weekly at a minimum.</li> </ul>		

**References:**

**i-STAT1 System Manual. Abbott Point of Care Inc. Abbott Park, IL 60064 USA 02 March 2010**

## REVISION & APPROVAL LOG

Version	Revision Type	Description of Change	Revision Date	Technical Approval	Medical Approval
1.0		New document	25 Nov 2013	Elvira Kozak	Dr. Cathy Halstead
1.1	Minor	Document title and number change. Upload to QMS document control	22 Dec 2016		Dr. Benjamin Jung
1.2	Minor	POCT Contact updated	June 23, 2019	Calvin Lee	

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