

**iSTAT1: Appendix I - Operator Training Quiz**

<b>Name:</b>	<b>Position:</b>
<b>Hospital:</b>	<b>Unit / Ward:</b>
<b>Trainer:</b>	<b>Date of Completion:</b>
<b>GENERAL POLICY &amp; PROCEDURE</b>	
<b>1</b>	List Criteria required for patient identification.
<b>SPECIMEN HANDLING</b>	
<b>2</b>	4 reasons for patient specimen rejection on the i-STAT1?
<b>CARTRIDGE HANDLING</b>	
<b>3</b>	What is the minimum time required for room temperature storage before usage for each cartridge?  What is the length of time a cartridge can sit at room temperature before expiration?
<b>4</b>	Name two reasons why a cartridge must be handled by the sides.
<b>5</b>	What is the maximum length of time that a cartridge can be left exposed to air, not in the enclosed pouch?
<b>QUALITY CONTROL</b>	
<b>6</b>	Name the three types of Quality Control available for the i-STAT1? Required frequency for each QC.
<b>7</b>	Describe steps taken when the Electronic Simulator Test fails.
<b>8</b>	Describe the correct handling procedure of the liquid aqueous i-STAT1 QC material.
<b>9</b>	Describe the procedure for a Simultaneous Test.
<b>PATIENT TESTING</b>	
<b>10</b>	How soon must samples be tested on the i-STAT1 after collection?  What sample types can NOT be tested on the i-STAT1?
<b>11</b>	Name the calculated values that are not reported at Children's ICU / SCN due to unreliable data comparison with the laboratory?

<b>PATIENT TESTING CONTD.</b>		
<b>12</b>	In what event is repeat testing required on the i-STAT1?	
<b>13</b>	In what event is repeat testing required with lab analysis?	
<b>14</b>	Heparin causes a significant decrease in which analyte?	
<b>15</b>	A hemolyzed specimen will have a resultant increased potassium. How would you check plasma potassium due to hemolysis?	
<b>16</b>	Exposure to air will cause a change in measured analyte concentration. List the analytes of concern and what the resultant effect is.	
<b>RESULT REPORTING</b>		
<b>17</b>	Where are i-STAT1 results reported?	
<b>18</b>	How often are results down loaded to the Data Statrion?	
<b>MAINTENANCE</b>		
<b>19</b>	List disinfectant pads or solutions acceptable for cleaning.	
<b>20</b>	How is the Analyzer Temperature measured and how often?	

## 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

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