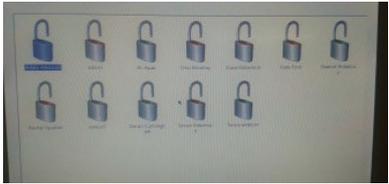
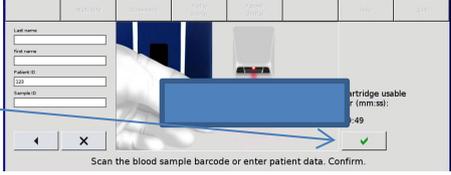
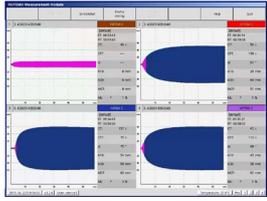


**Standard Operating Procedure**  
Assessing coagulation status using the Rotem Sigma

<b>Purpose:</b>	To ensure a standardised approach to analysis. The Sigma is utilised under direction of a clinician for patients considered at risk of post-partum haemorrhage. Only staff trained and competent in these tasks are authorised to continue (staff in training may perform the process under supervision).
<b>Scope:</b>	Delivery Suite
<b>SOP Reference Number:</b>	POSOP112
<b>Policy SOP Relates To:</b>	Point of Care Testing Policy C56
<b>Date of Issue:</b>	09/08/2019
<b>Date of Review (Align to Policy Review Date):</b>	09/08/2021
<b>Version Control:</b>	V002

Instruction		Photograph / Diagram
1.	<p>Sample collection:</p> <p>1.1 Completely <b>fill a blue top citrated tube</b> using the Trust-approved method.</p> <p>1.2 Fully label the sample as per Trust Policy C49</p>	
2.	<p>Log into the system:</p> <p>2.1 <b>Touch the screen</b> (if the screen saver is active).</p> <p>2.2 Tap on your <b>user name</b></p> <p>2.3 <b>Scan</b> your barcode <b>or tap</b> on the password space to bring up the keyboard, <b>Type your six digit passcode</b> and then press <b>enter</b></p> <p><i>NB. If the device is off, press the blue ON/OFF button on the right hand side of the machine to switch on (allow up to 30 minutes warm up time).</i></p>	  <p>“on/off” switch</p>
3.	<p>Starting the test:</p> <p>The screen prompts you to have the sample and a sealed cartridge available</p> <p>3.1 Press <b>Start</b>.</p> <p><i>NB. The device may have a maintenance reminder or a quality control warning message displayed in a text box. In this case, select <b>Remind me Later</b> to close the message box before continuing with the <b>Start</b> button</i></p>	  

<p>3.2 Remove the cartridge from the pouch and <b>insert the cartridge</b> into the <b>Rotem Sigma</b>.  <i>NB Only press Start and open the cartridge when the sample is ready to test as this action will initiate a 10 minute timer countdown.</i></p>	
<p>4. Entering the patient ID:          4.1 <b>Type in the patient identifiers</b> from the sample label, where <b>Patient ID</b> is the hospital number and <b>Sample ID</b> can be used for any additional comments          4.2 If required, confirm the step on the screen</p>	
<p>5. Adding the sample:          5.1 <b>Mix</b> the sample gently by inverting 5 times          5.2 Upon the screen prompt, firmly <b>insert the sample into the cartridge</b> with the lid pointing down (the lid of the vacutainer is pierced on the cartridge spike).</p>	
<p>6. Running the test:          6.1 Measurement starts automatically when the sample is heated          6.2 Do not leave the device until you see that all channels have started and the screen changes from the measurement screen to the <b>Multi –Tem screen</b>.</p>	
<p>7. Ending the test:          Channels can be stopped:</p> <ul style="list-style-type: none"> <li>• individually (select <b>Stop Channel X</b>),</li> <li>• altogether (select <b>Stop All</b>),</li> <li>• it can be left until all of the measurements are completed (after 2 hours).</li> </ul> <p>The test must be saved before stopping. The save tab is accessed from the <b>Measurement screen</b>. For the measurement screen, tap on any of the Temograms in the Multi Tem screen</p> <p>7.1 Press <b>Save/ Clear All</b> to save the channels in the database on the device.          7.2 Press <b>Stop All</b>          7.3 When prompted, <b>remove and discard the cartridge</b> and sample together into a yellow clinical/chemical waste container. <b>Do not attempt to remove the cartridge until prompted to do so.</b>          7.4 All results and actions must be fully documented in the patient notes and Rotem record book          7.5 <b>Quit</b> the Measurement Module and <b>Logout</b> of the device.  <i>NB – Refer to MOH guidelines for Actions and interpretation</i></p>	