

**BRIGHAM AND WOMEN'S HOSPITAL  
Performance Based Development System**

**HOTLINE BLOOD WARMER – Sets up/uses  
Neonatal Intensive Care Unit, CLB**

CRITICAL ELEMENTS	MET	NOT MET
1. Assembles necessary equipment		
<ul style="list-style-type: none"> <li>■ SIMS Level 1 Hotline Fluid Warmer®</li> <li>■ Hotline ®Disposable Warming Set</li> <li>■ Blood Product Ordered</li> <li>■ Exchange Transfusion Tray</li> <li>■ Anesthesia Extension Tubing</li> <li>■ Distilled or Sterile H2O</li> <li>■ Heparinized Normal Saline</li> </ul>		
2. Adds distilled or sterile water to Hotline Warmer® water tank. Water tank is filled above the minimum fill line.  <b>Caution: Do not fill the water tank with a disposable warming set in place.</b>		
3. Plugs the blue twin-tube connector of the disposable warming set into the socket on the right side of the warmer. Assures connection is fully seated.		
4. Plugs warmer into power outlet. Activates the power switch on left side of warmer. Notes green "OPERATING" light on front panel is illuminated. Notes water bath temperature display is on and progressively increasing.		
5. Inspects circulating water path to assure it is fully primed. Checks for water leaks at the patients end before connecting the blood administration set and priming the tubing.  <b>Caution: The circulating water path must be primed before connecting the blood administration set to confirm the integrity of the sterile patient fluid path.</b>		
6. Connects the blood administration set to the Hotline disposable set. Connects the anesthesia extension tubing to the opposite patient end. Fully primes the entire blood administration path. Inspects tubing for air trapping prior to connecting to the patient.		

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<p>7. States exchange transfusion <b>can begin</b> when water bath temperature reaches approximately 37 degrees centigrade (understands warming process takes approximately 4 minutes). <b>HOTLINE Warmer® warms to 41.9 degrees centigrade. This is within safety standards. The HOTLINE Warmer® will automatically shut itself off and alarm if the temperature exceeds 43.1 degrees centigrade.</b></p> <p><b>Caution: Due to the infrequency of use of the blood warmer, the water tank must be emptied after each use and allowed to air dry.</b></p>		
<p>8. Assists with exchange transfusion per NICU policy E.3.</p>		

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NICU Clinical Practice, 2/99

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