

Hummingbird Med Devices, Inc.

Hummi Micro-Draw UAC Blood Draw Guidelines with Self-Venting Syringes

<p>Step 1 Prep Split-septum T-connector</p> <p>Wearing appropriate protective attire, prep the split-septum T-connector according to institutional policy.</p> 	<p>Step 2 Open and inspect Hummi-Micro Draw Device</p> <p>Open the Hummi Micro-Draw device and inspect. Make sure vent plug is in place on extension with Blue clamp. Make sure vent plug is in place on extension with Red clamp.</p> <p>The protective cover should be on the Hummi Micro-Draw blunt tube.</p> 
<p>Step 3 Close Both Red and Blue Clamps</p> <p>Clamp both extension tubing clamps on the Hummi Micro-Draw.</p> <p>Close Red Clamp. Close Blue clamp.</p> 	<p>Step 4 Close T-connector with Slide Clamp</p> <p>Also clamp the split-septum T-connector tubing at this time using the attached slide clamp.</p> <p>This will stop the line flow into the arterial catheter and T-connector.</p> 
<p>Step 5 Remove Blue clamp vent plug & attach syringe</p> <p>Remove White vent plug from extension set with Blue clamp.</p> <p>Attach self-venting syringe, pre-set to required clearance/waste volume. (0.5mL should be sufficient for UAC)</p> 	<p>Step 6 Remove Red clamp vent plug & attach syringe</p> <p>Remove White vent plug from extension set with Red clamp.</p> <p>Attach self-venting syringe, pre-set to desired volume for blood collection.</p> 
<p>Step 7 Fully Insert Blunt Tube to Catheter Hub</p> <p>Remove the protective cover on the Hummi blunt tube.</p> <p>Hold the T-connector hub securely and SLOWLY insert the blunt tube into the T-connector split-septum at a 90 degree angle to the septum. (Keep straight on insertion)</p> 	<p>Step 8 Unclamp Blue clamp..so blood can flow to syringe</p> <p>Holding the Hummi in an upright position, Unclamp the Blue clamp on the extension tubing with the self-venting clearance/waste syringe. Hold syringe in upright position and allow pre-set clearance volume to fill syringe. 0.5mL to 1.0mL will be sufficient for most umbilical catheters.</p> 
<p>Step 9 Close Blue clamp. Do not detach waste syringe</p> <p>After clearance blood fills self-venting syringe, Immediately close Blue clamp on the line extension.</p> <p>Leave the syringe with clearance/waste blood attached to extension tube.</p> 	<p>Step 10 Unclamp Red clamp so blood can flow to syringe</p> <p>Unclamp the Red clamp on the extension tubing with sample syringe.</p> <p>Hold syringe in upright position and allow blood to flow into the syringe.</p> <p>Re-clamp the Red clamp.</p> 
<p>Step 11 Return waste / clearance to patient</p> <p>Go to waste/clearance extension with Blue clamp. Holding the syringe in an upright position, open/release the Blue clamp.</p> <p>Slowly return the waste/clearance blood to the patient over a 15 second period. Close Blue Clamp.</p> 	<p>Step 12 Remove Hummi from T-Connector & flush line</p> <p>Hold T-connector hub securely. Slowly remove Hummi from T-connector. (picture top)</p> <p>Unclamp the T-connector and flush the catheter with 0.3mL to 0.5mL to clear the catheter. Flush administered through a stopcock attached to the T-connector. (picture bottom)</p> 
<p>Step 13 Remove Hummi From T-connector and Flush</p> <p>Remove sample syringe from the female luer on the extension tubing with Red clamp.</p> <p>Cap the blood sample syringe and set aside for testing.</p> 	<p>Step 14 Clean T-connector Split-septum</p> <p>Discard the Hummi-Micro Draw device with waste syringe in appropriate sharps container.</p> <p>Clean the T-connector split-septum with appropriate anti-microbial and resume normal arterial monitoring.</p> 