



## STEM CELL LABORATORY (STCL)



**DOCUMENT NUMBER:** STCL-COLL-007 JA3

**DOCUMENT TITLE:**

Collection of Autologous-Directed CBU

**DOCUMENT NOTES:**

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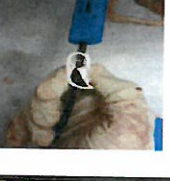





### Control Information

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**Please label ALL forms and the collection bag with the patient's name and date and time of delivery.**

<p>1. Deliver baby per normal hospital protocol. Clamp two cord clamps on cord closest to baby and cut between clamps. Hand off baby.</p>		<p>7. Once blood begins to flow, rest the collection bag on absorbent blue pad or clean drape on floor.</p> <p><u>Rock collection bag frequently</u> to mix the blood and anticoagulant in the collection bag. The collection bag must be lower than the needle stick site for vacuum to occur. Blood will NOT flow up into the collection bag.</p>	
<p>2. Place absorbent blue pad or clean drape on floor to allow collection bag to rest on clean area.</p>		<p>8. Continue collection until the vein collapses and the umbilical vein becomes milky in color. The level of cord blood should reach the top of the base label when you dangle the collection bag.</p> <p>If the placenta delivers before the collection is complete, have a delivery staff member manually elevate the placenta ABOVE the collection bag.</p>	
<p>3. Close white pinch clamp.</p> <p><i>This <u>MUST</u> be done before start of collection.</i></p>		<p>9. Close white pinch clamp <u>BEFORE</u> removing collection needle from cord.</p>	
<p>4. While awaiting delivery of placenta, clean needle stick site with one ChloroPrep applicator.</p> <p><i>One swipe up, rotate swab, then one swipe down.</i></p>		<p>10. Remove needle from cord and slide needle guard over the needle.</p>	
<p>5. a) Twist needle cover off of needle attached to collection bag tubing. b) Insert needle BEVEL DOWN into the umbilical vein.</p>		<p>11. Once the collection is completed, raise collection needle in air and open blue topped air vent, allowing all blood remaining in tubing to drain into collection bag. Close air vent.</p>	
<p>6. Open white pinch clamp on tubing of inserted needle.</p>		<p>12. Place new umbilical cord clamp on tubing, just below closed air vent. This will ensure no leakage of blood during transport.</p> <p><b><i>Please make sure collection bag is labeled with label provided. Place collection bag into biohazard bag.</i></b></p>	

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All dates and times are in Eastern Time.

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**Document Release**

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