

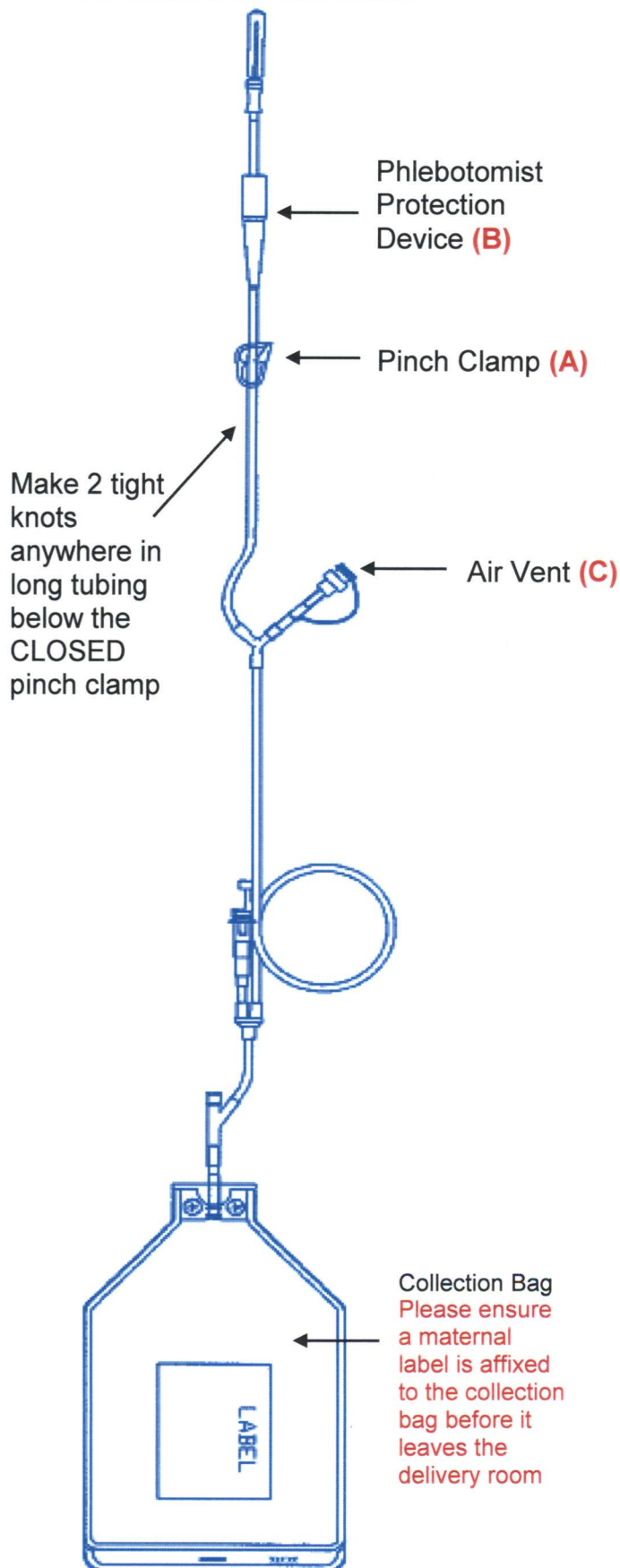
# St. Louis Cord Blood Bank

SSM Health Cardinal Glennon Children's Hospital  
Saint Louis University Department of Pediatrics

3662 Park Avenue  
St. Louis, MO 63110

phone: 314-268-2787  
toll free: 888-453-2673  
fax: 314-268-4197

slcbb.org



**NOTE: Contents inside overwrap pouch, within the foil envelope, are sterile and acceptable for use in sterile field if pouch is unopened and undamaged.**

## PRIOR TO DELIVERY:

1. Open the external foil pouch and remove the peel pouch outside of the sterile field.
2. Remove and discard the desiccant.
3. Open the peel pouch to release the collection bag onto the sterile field.
4. Inspect the collection bag containing anticoagulant. Do not use if the bag has expired or the fluid appears cloudy.
5. If any portion of the cord blood collection kit needs to be replaced, or if you have any questions about the use of the kit, contact the St. Louis Cord Blood Bank at (314)268-2787 or 888-453-2673.

## AT DELIVERY:

1. Deliver infant per standard practice keeping the cord clamped after delivery. Do not change or modify your delivery practice because of the cord blood collection.
2. Cleanse the cord with ChlorPrep solution using a back-and-forth scrub. Allow area to dry. Cleansing the cord decreases the chance of both bacterial and maternal contamination.
3. Remove the needle cover and insert needle from collection bag bevel side down into umbilical vein slightly above the clamp.
4. Lower the bag, and by gravity flow **COLLECT AS MUCH BLOOD AS POSSIBLE** to increase the likelihood of the unit meeting criteria for patient use. Mix the anticoagulant and cord blood frequently during collection to avoid clotting. A collection of at least 95ML (including 35 ML of anticoagulant) is needed for processing as well as an adequate cell count. When holding the bag upright, at least half of the bag needs to be filled to ensure a volume of at least 95 ML.
5. When blood flow has ceased or the vein collapses, **CLOSE THE PINCH CLAMP (A)** and withdraw needle from umbilical vein.
6. Slide the Phlebotomist Protection Device (B) over needle hub with a swift motion until the needle is locked inside the protection device.
7. While holding the tubing above the bag, open the tethered blue cap on the air vent (C) and allow the blood to drain from the tubing into the collection bag
8. Make 2 tight knots in the tubing below the closed pinch clamp.
9. **Cut off covered needle and dispose in a sharps container.**
10. Attach a maternal label to the bag and note the date and time of collection and initials of person affixing label to bag.

*Advancing cures through the development of effective cellular therapy products, exceptional manufacturing practices, and innovative applications.*