

CORD BLOOD Collection Instructions for LABOR & DELIVERY STAFF

- ! For ex-utero collection: Place placenta and umbilical cord in sterile basin, then proceed with collection instructions, beginning with cleaning of the cord.

COLLECT Maternal Samples

When collecting standard maternal labs fill, label, and **double bag** the 3 tubes provided. Return them to the Collection Kit.

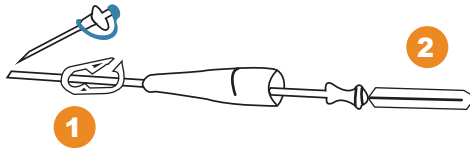


CLEAN The Umbilical Cord

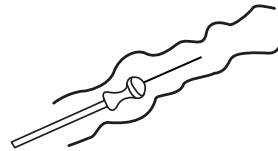
Put on clean gloves and use the provided Prep Pads to thoroughly clean the umbilical cord.



COLLECT Cord Blood *Collect as much as possible - every cell counts!*



1. Close the white clamp.
2. Remove the needle cover by twisting and pulling from base.



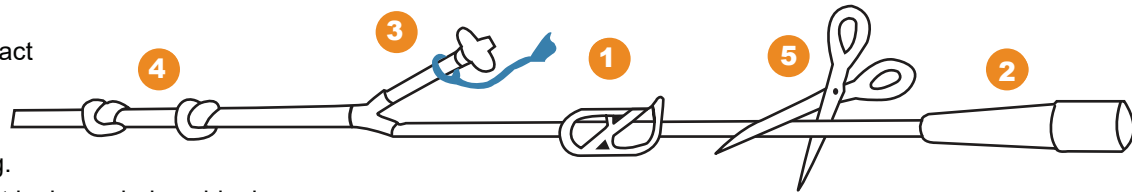
Insert needle into **cleaned** umbilical vein and open the white clamp.



Lower the bag and allow gravity to flow to **collect as much blood as possible (5+ minutes)**.

Note: If vessel wall is punctured or a clot forms, clamp the cord above the puncture or clot. Locate a new site, repeat cleansing and reintroduce the needle into the cord.

1. Close the white clamp.
2. Hold needle guard and pull tubing to retract needle into guard.
3. Pop open the blue tubing vent and allow blood to fully drain into the collection bag.
4. Tie two firm knots in the tubing to prevent leakage during shipping.
5. Remove needle by cutting the tubing between the clamp and the needle guard. Dispose of the needle in a sharps container.



ASSEMBLE Prepare Sample For ViaCord Pickup

1. Place the large yellow label on the collection bag.
2. Double-bag in the clear and biohazard bags provided. Do not remove the absorbent material.
3. Return the full collection bag to the kit box. **DO NOT REFRIGERATE OR SEAL THE BOX.**
4. Determine if cord tissue is also being collected. If so, proceed to cord tissue collection instructions.
5. Return the Collection Kit to the family and instruct them to call ViaCord at **800-998-4226**

CORD TISSUE Collection Instructions for LABOR & DELIVERY STAFF

! Ask your patient if both cord blood & cord tissue should be collected.

COLLECT Cord Blood

Cord Blood must be collected prior to Cord Tissue. Collect cord blood per the cord blood collection instructions provided on the reverse side of this card.

MATERIALS Required for cord tissue collection

Materials Provided:

- Sterile specimen cup
- 2 (two) Alcohol wipes
- Yellow label
- 6" x 6" Biohazard bag with absorbent material

Additional Materials Required

- Umbilical cord scissors

COLLECT Cord Tissue - Placenta ex utero *Collect as much as possible!*



1

Collect the cord tissue after the placenta has been delivered. Collection can be completed by L&D staff outside of the sterile delivery field.

Place the cord and placenta into a sterile basin. Securely grasp the umbilical cord close to the placenta. Use the other hand to cut the umbilical cord at the placental insertion. Collect the whole umbilical cord or as much cord tissue as possible.

2

Wrap the cord with one of the alcohol wipes provided. Wipe the entire cord from placental end to fetal end. Discard the wipe after use.



Wrap the cord with the **second** alcohol wipe provided. Wipe the entire cord from fetal end to placental end. Discard the wipe after use.



3



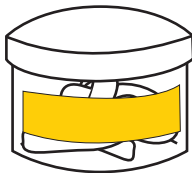
Place entire umbilical cord into the specimen cup. It is acceptable for the cord to be in multiple pieces if the cord must be cut to fit into the specimen cup provided.

4



Carefully re-cap and tighten the lid of the specimen cup.

5



1. Complete the yellow label provided with the following information and adhere the label to the specimen cup:

- Collecting physician's name
- Collection date and time

2. Place the specimen cup in the biohazard bag provided. Do not remove the absorbent material.

3. Return the specimen cup to the kit box. **DO NOT REFRIGERATE OR SEAL THE BOX.**

4. Return the Collection Kit to the family and instruct them to call ViaCord at **800-998-4226**