

St. Louis Cord Blood Bank

SOM Cardinal Glennon Children's Medical Center
St. Louis University Department of Pediatrics

The First Gift.

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ST. LOUIS CORD BLOOD BANK CORD BLOOD COLLECTION GUIDELINES

INSTRUCTIONS FOR CESAREAN SECTIONS

Note: Though the fluid path is sterile, the manufacturer of the collection bag does not guarantee the sterility of the outside of the bag. We recommend that the following steps be utilized during C/S collections.

PRIOR TO CESAREAN SECTION

1. Place the C-Section Adapter Kit on the sterile field. **These supplies are sterile.**

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 ChloroPrep solution using back-and-forth scrub for at least 30 seconds. Allow area to dry. Cleansing the cord decreases the chance of both bacterial and maternal contamination.
3. Position extension set so adapter extends off the sterile field.
4. Insert needle from collection bag into male adapter (Circulator).
5. MD--Insert needle from collection bag into umbilical vein.
6. Collect cord blood by gravity while shaking bag intermittently to mix blood with anticoagulant. Collect as much blood as possible to increase the likelihood of the unit meeting criteria for patient use.
7. When blood flow has ceased or the vein collapses, remove needle with scissors, and make two knots in the tubing as close to the collection bag as possible.
8. Attach mother's label and cord blood label to the bag with confirmation by a second observer and note the time and date of collection on the label.

ALL OTHER INSTRUCTIONS FOR CORD BLOOD COLLECTION REMAIN THE SAME