

CORD BLOOD DONATION INFORMATION

Introduction

You are being asked to consider voluntarily donating your baby's cord blood to a public cord blood bank for possible use by patients in need of marrow transplants. Your decision to participate or not will have no impact on the standard, or cost, of care provided to you and your baby.

Background

During pregnancy, umbilical cord blood carries nourishment from the mother to the baby. After a baby is born, the umbilical cord is cut and the baby is separated from the placenta. Both the umbilical cord and placenta are usually discarded. Umbilical cord blood is rich in immature blood-forming cells which can be used for patients needing stem cell transplants as part of their treatment for various diseases, including cancers, leukemias and lymphomas (cancers of the tissue that make blood cells), sickle cell disease (genetic defect that causes red blood cells to change shape), immune disorders and other genetic diseases. The San Diego Blood Bank (SDBB) has a cord blood program to collect, process and store these otherwise discarded cells for use by patients who are unrelated to mother and baby and who need transplantation. This program of umbilical cord blood banking and transplantation is affiliated with the National Marrow Donor Program (NMDP).

Procedures

If you think that you might be interested in donating your baby's umbilical cord blood for transplantation, you are being asked now, prior to delivery, to permit collection of your baby's cord blood after delivery. Collection of cord blood will not change the way your baby is delivered or any of the care you and the baby will receive during and after delivery. If the collection process would expose you or your baby to any health risk, the doctors and nurses will not collect the umbilical cord blood.

By volunteering, you are agreeing to the following activities:

1. Provide personal blood samples for necessary infectious disease testing.
2. Permit collection of the blood from the umbilical cord and placenta after the safe and uncomplicated delivery of your child.
3. Agree to the transportation of the collected cord blood and your blood samples to SDBB for further testing.
4. Allow the collected cord blood volume to be measured and permit SDBB staff to count the number of cells present.
 - a. If the cord blood unit meets the requirements, allow the SDBB staff to contact you to obtain relevant personal health history and family medical history and obtain a specific informed consent to complete the steps necessary to make the cord blood available for transplantation.
 - b. If the cord blood unit does not have enough volume and cells, allow for the collected cord blood to be used for medical research to improve the transplant process for future

patients or to investigate new therapies using cord blood, laboratory quality studies, used as otherwise deemed medically appropriate by the program or discarded as medical waste. Any studies performed on the collected cord blood will be labeled with a unique identification number, not your name, and collection date and time. The information that matches the unique identification number to your identifying information will be kept safeguarded at the SDBB and only SDBB staff will have access to your identifying information.

Confidentiality

The records related to the collection and storage of cord blood will be kept private and confidential. Only authorized staff from the Cord Blood Program will have access to your personal information. To protect you and your baby's privacy, a unique identification number will be assigned to you and your baby's cord blood. The unique identification number will be used for all cord blood samples during collection, testing and processing. The link between you and your baby's name and you and your baby's unique identifying numbers will be kept in a locked file cabinet and stored in a secure electronic database in restricted areas of SDBB.

Cost and Compensation

Neither you nor your baby will receive any compensation for donating your baby's cord blood to the SDBB for this program. All associated costs will be paid by the SDBB Cord Blood Program. Neither you nor your insurance will be charged for any expenses.

Questions or Concerns

Questions are encouraged. If there are any questions regarding this program or you want additional information, you may contact the SDBB Cell Therapy Department at (619) 400-8304.