

PERMISSION TO COLLECT Umbilical Cord Blood

This Permission to Collect form contains information about donating your baby's cord blood to the public cord blood bank managed by Canadian Blood Services (the "Cord Blood Bank"), including the possible benefits and risks. Choosing not to donate your baby's cord blood will not have any impact on you or your family's medical care. If you donate your baby's cord blood to the Cord Blood Bank, your baby's cord blood cannot be transferred to a private cord blood bank.

What are cord blood stem cells?

Umbilical cord blood contains blood stem cells. Cord blood stem cells are immature cells that develop into these cells in the bloodstream:

- Red blood cells to carry oxygen in your body
- Platelets to help blood to clot
- White blood cells to fight infections

What can cord blood stem cells be used for?

The Cord Blood Bank collects, tests and stores cord blood stem cells to make them available for any patient in need of a stem cell transplant in Canada or worldwide. Occasionally, the Cord Blood Bank may use cord blood stem cells for other uses such as quality assurance (e.g. validation, training and quality control), product improvement and research if you have given the Cord Blood Bank your consent for research ("Other Uses"). Please see further information on Research Option below.

How are cord blood stem cells collected?

After your baby is born, the umbilical cord is clamped then cut and the placenta, or "afterbirth," is delivered and then transferred to the Cord Blood Bank staff at the hospital. Your physician or midwife is voluntarily helping the Cord Blood Bank with the collection of cord blood based upon the consent you give for the collection. The cord blood is collected from the umbilical cord into a sterile bag and it is checked for eligibility for storage with the Cord Blood Bank. You may ask to have the placenta and/or umbilical cord returned to you if requested.

Determining if your baby's cord blood is eligible for the Cord Blood Bank

At the hospital, the Cord Blood Bank will determine if your baby's cord blood is eligible.

If your baby's cord blood contains enough cord blood stem cells, the cord blood is eligible for the Cord Blood Bank. The cord blood will be transferred to the Cord Blood Bank manufacturing facility for further assessment. Before you leave the hospital, a Cord Blood Bank staff member will speak with you about consent to store your baby's cord blood for future transplant use. This includes asking questions about your medical history and general health. You will be asked to provide a blood sample which will be tested for HIV, hepatitis and other infectious diseases that can pass from one person to another. If you require IV (intravenous) fluid during labour, we may ask that you provide a blood sample at that time.

If your baby's cord blood is not eligible, depending on where you deliver, it may be

- discarded,
- transferred to the Cord Blood Bank manufacturing facility to be used for Other Uses, or
- returned to your hospital, to be dealt with according to approved hospital policies (e.g. Research). Questions about how your hospital will handle the returned cord blood should be directed to a hospital representative.

Storage and Transplantation

Once your baby's cord blood arrives at our manufacturing facility, we will start testing and preparing the cord blood stem cells for storage. The results of this testing will help us determine if your baby's cord blood stem cells can be stored for future transplant use.

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If at any time, we determine that your baby's cord blood stem cells may not be stored, your baby's cord blood and any blood samples may be discarded. Some cord blood units may be used for Other Uses.

Research Option

If at any time, the Cord Blood Bank determines that your baby's cord blood stem cells may not be stored for future transplant use, they could still be used for biomedical research under the Cord Blood Bank's research program. In addition, during the process of preparing cord blood stem cells for storage, by-products (such as red blood cells) are removed from the cord blood and can be used for research rather than being discarded. Mark the Research Opt-In box so that the Cord Blood Bank may use or distribute your baby's cord blood and by-products for biomedical research under the Cord Blood Bank's research program. For more information about the Cord Blood Bank's research program and examples of research that may be done with cord blood, see Canadian Blood Services' information pamphlet on biomedical research at www.blood.ca/cordblood.

You may be asked to participate in research by a hospital researcher who is not associated with the Cord Blood Bank, whether or not you mark the Research Opt-In box below.

Costs and Reimbursements

There is no cost to donate your baby's cord blood. There is no reimbursement for any part of your cord blood donation.

Potential Benefits

Your donation may give a patient with a life-threatening disease a chance for a healthy life.

Potential Risks and Discomforts

There are no significant risks related to the donation of cord blood. The collection of umbilical cord blood will not affect the delivery or the care of you or your baby. The cord blood is collected from the umbilical cord after delivery of your baby. If blood samples are taken from you for testing, the amount of blood taken is small (about three tablespoons) and will not affect your health. There is a small risk of slight pain and bruising at the site where the blood is taken, lightheadedness, possible fainting and, rarely, infection.

Personal Information

You give the Cord Blood Bank staff permission to review the medical records of you and your baby to see if your baby's cord blood stem cells may be eligible for storage. The purpose of this review is to identify whether you or your baby have any diseases or medical conditions that could be passed on to a patient who may receive the cord blood stem cells. Information about the collection, use and disclosure of personal information is in our Privacy Notice.

Where can I get more information?

For more information about Canadian Blood Services' Cord Blood Bank:

- Visit our website at www.blood.ca/cordblood
- Call 1 888 2 DONATE (1-888-236-6283)
- Email cordblood@blood.ca

Speak to your health care provider if you have any questions or concerns about cord blood donation.

Withdrawing from the Cord Blood Bank

Your participation in the Cord Blood Bank is voluntary. You may withdraw at any time by calling 1 888 2 DONATE (1-888-236-6283). Your baby's cord blood stem cells will be discarded if they have not already been used for transplantation or Other Uses. The personal information Canadian Blood Services collected up to the date of your withdrawal will remain in the Cord Blood Bank but no further information about you or your baby will be collected, used or disclosed. We will use your personal information to contact you for safety reasons, if necessary.

Maternal Hospital ID Label

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Ethnic Background: This information helps match a potential donor and a patient in need of a stem cell transplant. Please select the heritage that you and the baby's father most identify with on the chart below.

Please select only one ethnicity for yourself and one for the baby's father.

	Arab	Asian-Central	Asian-North	Asian-Northeast	Asian-South	Asian-Southeast	Black-African	Black-Caribbean	Black-Other	Caucasian	Chinese	Filipino	First Nations	Hispanic	Inuit	Jewish-Ashkenazi	Jewish-Sephardic	Metis	Pacific Islander	Multi-ethnic	Unknown	Prefer Not to Say	
Mother																							
Father																							

Permission to Collect

I have read and understand the information about cord blood donation. I have had the opportunity to ask questions and I am satisfied with the answers to the questions. I have had access to an independent health care provider (e.g. my physician or midwife) for any questions or concerns regarding the donation of my baby's cord blood.

By signing this form, I voluntarily consent to the collection of my baby's cord blood after delivery for the purposes described in this form; to have a blood sample taken from me; to allow staff to review my medical record and my baby's medical record; to the collection, use and disclosure of my personal information and my baby's personal information as described in the Privacy Notice. I understand how I may withdraw my consent.

I understand that I may be asked to participate in research by a hospital researcher who is not associated with the Cord Blood Bank, whether or not I mark the Research Opt-In box below.

By marking the box below, I voluntarily agree to allow Canadian Blood Services to use or distribute my baby's cord blood, if it is not eligible for storage, and by-products to researchers for the purposes of biomedical research under the Cord Blood Bank's research program. I have read Canadian Blood Services' pamphlet on biomedical research and have had the opportunity to ask questions. I understand that Canadian Blood Services will not notify me if the cord blood unit is used for biomedical research and I will not receive results of any research using my baby's donated cord blood under the Cord Blood Bank's research program. I understand that research results will be posted on the Canadian Blood Services website.

RESEARCH OPT-IN (mark the box if you agree to the research option)

(Mother's printed name)

(Mother's signature)

(Date form signed)

(Mother's postal code)

(Mother's telephone number)

(E-mail, optional)

For CBB Use Only:

Change of Information: Name Address Postal Code Phone Number

Verification of information discrepancy from maternal hospital unique ID label to documented information by mother:

CBU Unique ID Number