



**CONSENT to Umbilical Cord Blood for Testing, Storage and Transplantation**

Maternal Hospital ID Label

This form explains the purpose of Canadian Blood Services' Cord Blood Bank (the "Cord Blood Bank") program, what you will be asked to do as a voluntary participant, and the possible risks and benefits of your participation. Choosing not to participate in the program will not have any impact on you or your family's medical care. You may ask questions before deciding to participate and at any time during your participation in the program.

**Purpose:**

The Cord Blood Bank collects, tests, stores, and distributes cord blood stem cells to make them available for any patient in need of a stem cell transplant in Canada or worldwide. You are being asked to participate in the Cord Blood Bank program because you have just delivered your baby and you gave Canadian Blood Services permission to collect your baby's cord blood.

**Description:**

We have determined that your baby's cord blood is eligible for the Cord Blood Bank program and it has been sent to the Cord Blood Bank manufacturing facility. With your consent, we will now test your baby's cord blood. We will also collect and test a blood sample from you. If the test results are acceptable for transplantation, your baby's cord blood will be processed, frozen and placed into long-term storage for future use. Your baby's cord blood stem cells will be available through Canadian Blood Services Stem Cell Registry for any patient in need of a stem cell transplant in Canada or worldwide.

To allow the Cord Blood Bank to use your baby's cord blood stem cells in the transplantation program, you are asked to agree to the following:

1. The Cord Blood Bank will check details of the cord blood collection, as described below. If all details are acceptable, we will test, process, freeze and store your baby's cord blood stem cells so that they can be used for any patient for transplantation.
2. The Cord Blood Bank staff will review your current hospital medical record and your baby's current hospital medical record before or after you leave the hospital. This helps us learn about possible complications of pregnancy and details of your baby's health that might affect the cord blood stem cells.
3. The Cord Blood Bank staff will ask you questions about your pregnancy, medical and social history.
  - Some questions help us determine which patients are most likely to benefit from the cord blood stem cell transplant because their ethnic background is similar to yours.
  - Some questions are about conditions you may have inherited from your family that might affect your baby's cord blood stem cells. Some questions are asked to all blood donors to help determine possible contact with infectious diseases that might be present in the blood. It is important to answer all questions truthfully. To make a false statement is a serious matter and could harm others.
  - These questions will be asked in private.

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4. You will be required to provide a blood sample for testing. Staff will draw six small tubes (about three tablespoons) of blood from you. If you were given IV (intravenous) fluids during labour, we may have asked you to provide a blood sample at that time.
5. Your blood sample will be tested for certain infectious diseases including, hepatitis B virus, hepatitis C virus, syphilis, human immunodeficiency virus (HIV), human T-cell lymphotropic virus (HTLV), Cytomegalovirus (CMV), West Nile virus, and if applicable, Chagas disease and other factors to make sure your donation is as safe as possible. We will report any positive test results for these diseases to you and your health care provider as per Canadian Blood Services' policy. We will also report the positive results to the appropriate public health authorities.
6. The Cord Blood Bank will test your baby's cord blood and your blood sample for blood group (ABO and Rh) and conduct compatibility testing. Your baby's cord blood will also be tested to rule out inherited abnormal hemoglobin conditions.
  - If any tests show a significant health risk to you or your baby, we will inform your health care provider as per Canadian Blood Services' policy. Your health care provider can discuss the meaning of these results with you. **If you do NOT want to know these test results, you will not be eligible to participate in the Cord Blood Bank program.**
  - If a disease that may have come from your baby's cord blood stem cells is ever identified in the patient after transplant, we will make every effort to inform you through your health care provider.
7. If your baby's cord blood stem cells are determined to be suitable for transplantation, the Cord Blood Bank will keep samples of your baby's cord blood and of your blood for future testing for infectious diseases and genetic disorders that could be passed on to a patient who receives a transplant of the cord blood stem cells.
  - Future testing means that newer tests for infectious diseases have become available or other infectious diseases or genetic disorders are identified that need testing.
  - If your baby's cord blood stem cells are selected for transplant, transplant physicians may do additional tests.
8. If your baby's cord blood stem cells are suitable for transplant, the Cord Blood Bank staff will attempt to contact you by mail after your baby's birth to ask about your health and your baby's health. This is to make sure there are no problems that might affect the suitability to use your baby's cord blood stem cells for transplant.
9. If your baby's cord blood stem cells are suitable for transplant, they may be stored indefinitely by the Cord Blood Bank, but we may discard the cord blood stem cells for any reason at any time.
10. If at any time we determine that your baby's cord blood is unsuitable for storage and if you have consented to donating your baby's cord blood for biomedical research under the Cord Blood Bank's research program, Canadian Blood Services may distribute your baby's cord blood for biomedical research. If your baby's cord blood is unsuitable for storage and you have not consented for biomedical research, your baby's cord blood and your blood samples will be discarded, unless they are used for other uses such as product improvement or quality assurance purposes (e.g. validation, training and quality control) ("Other Uses").

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11. If you have consented to donating your baby's cord blood to biomedical research under the Cord Blood Bank's research program, the components of your baby's cord blood (manufacturing by-products) that are typically discarded during the preparation of cord blood for storage may be distributed for biomedical research. If you have not given consent for biomedical research, the unused components of your baby's cord blood (manufacturing by-products) will be discarded, unless they are used for Other Uses.
12. It is very important that you contact the Cord Blood Bank if you or your baby have health problems that may affect the cord blood, such as leukemia or other disorders.  
Contact the Cord Blood Bank at 1 888 2 DONATE (1-888-236-6283).  
The Cord Blood Bank may need to contact your health care provider to ask for more information.

**Costs and Reimbursements:**

There is no cost to you to participate in the program. There will be no reimbursements to you for any part of your cord blood donation. If you consented to the use of your baby's cord blood for biomedical research, that research may result in the development of drugs, medical and/or commercial products to treat diseases. The products may be developed and sold to the public, but you will not own any rights to the products or receive any financial benefit from them.

**Potential Risks and Discomforts:**

The Cord Blood Bank does not interfere with the natural process of delivery of your baby. There are no significant risks related to participating in the Cord Blood Bank program as blood stem cells are collected from the umbilical cord/placenta after the delivery of your baby. If blood samples are taken from you for infectious disease 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.

Some of the questions we will ask you are personal, but we will ask these questions in a private area.

**Potential Benefits:**

Your donation may give a patient with a life-threatening disease a chance for a healthy life. If you consented to the use of your baby's cord blood for biomedical research, you may also benefit from the knowledge that your participation may further research and help others in the future.

**Withdrawing from the Cord Blood Bank:**

Your participation in the Cord Blood Bank is voluntary. You may withdraw at any time.  
Call 1 888 2 DONATE (1-888-236-6283) and we will provide you with a withdrawal of consent form to be completed and returned to Canadian Blood Services.

Your baby's cord blood stem cells will be discarded if they have not already been used for transplantation, Other Uses, or for biomedical research purposes, if you have given the Cord Blood Bank your consent for research.  
The personal information that 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 may use your

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personal information to contact you for safety reasons, if necessary. Please know that choosing to not participate will not have any impact on you or your family's medical care.

**About this Consent:**

By signing this form, you freely and voluntarily consent to participate in the Cord Blood Bank program described above. You are giving consent based on the verbal and written information provided to you with the understanding that you are medically and physically qualified to participate. You will receive a copy of this signed consent form for your records.

**Consent**

I have read and understood the information provided on cord blood donation and have had the opportunity to ask questions and I am satisfied with the answers to the questions. I will answer all medical, travel and social history questions truthfully. I have read and understand the Privacy Notice for the Canadian Blood Services' Cord Blood Bank and I consent to the collection, use and disclosure of my personal information and my baby's personal information, including my medical record and other personal health information for the purposes described in the Privacy Notice. I understand I may withdraw my consent.

I voluntarily agree to participate and to donate my baby's cord blood stem cells to the Cord Blood Bank and to be included on Canadian Blood Services Stem Cell Registry for transplantation to any patient who might need it. I also consent for a blood sample to be taken from me, if required.

(Mother's printed name)	(Mother's signature)	(Date form signed)
(CBB Staff or Midwife printed name)	(CBB Staff or Midwife signature)	(Date form signed)

<b>For CBB Use Only:</b>
<b>Change of Information:</b> <input type="checkbox"/> Name <input type="checkbox"/> Address <input type="checkbox"/> Postal Code <input type="checkbox"/> Phone Number
Verification of information discrepancy from maternal hospital unique ID label to documented information by mother:

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