



# YOU HAVE THE POWER TO GIVE LIFE

Learn how to donate your baby's cord blood today.  
Ottawa • Brampton • Edmonton • Vancouver

## JUST 5 EASY STEPS FOR CORD BLOOD DONATION...

- STEP 1** Read this Information Kit.
- STEP 2** Print and fill in the forms.
- STEP 3** Give completed forms to your healthcare provider or to your hospital RN on day of delivery.
- STEP 4** Your baby's cord blood will be collected in hospital by a qualified professional.
- STEP 5** If your baby's cord blood unit qualifies, a nurse will visit you before you leave the hospital for a second consent, blood work and a health questionnaire.

[blood.ca/cordblood](http://blood.ca/cordblood)



Canadian Blood Services  
*it's in you to give*

## WHAT TESTS ARE REQUIRED?

Canadian Blood Services Cord Blood Bank is required to perform certain tests on your baby's cord blood and your blood to determine eligibility for storage such as:

- genetic markers to match the donor to the patient
- human immunodeficiency virus (HIV, the virus that causes AIDS)
- Hepatitis B and C viruses (HBV and HCV)
- Human T-lymphotropic virus (HTLV), syphilis and West Nile Virus (WNV)

## HOW IS MY PRIVACY PROTECTED?

Canadian Blood Services is committed to protecting your privacy and personal information. Please read our privacy notice for more information at [blood.ca/cordblood](http://blood.ca/cordblood)

## WHAT WILL MY BABY'S CORD BLOOD BE USED FOR?

The Canadian Blood Services Cord Blood Bank collects, tests and stores cord blood to make it available for any patient in Canada or world-wide in need of an unrelated stem cell transplant. Occasionally, cord blood may be used for other purposes such as quality control or process and product improvement. Depending upon which hospital your baby's cord blood is collected, cord blood

that is not eligible for storage may be:

- used and/or distributed for research purposes by the Canadian Blood Services Cord Blood Bank with your consent,
- returned to the hospital, where it may be used and/or distributed for research purposes, with your consent, or
- discarded.

## HOW ELSE CAN I HELP?

**There are many ways you and your family and friends can help:**

- Register to donate stem cells. If you are between 17 and 35, you can join a network of donors for those in need. Find out more at [blood.ca/stem-cells](http://blood.ca/stem-cells)
- Make a blood donation. If you are 17 years of age or older you can donate whole blood, platelets or plasma. Find out more at [blood.ca](http://blood.ca)
- Become a volunteer: [blood.ca/volunteers](http://blood.ca/volunteers)

Maternal Education and Recruitment program  
provided through the generous support of Bayer Inc.



CANADIAN BLOOD SERVICES  
CORD BLOOD BANK


Visit [blood.ca/cordblood](http://blood.ca/cordblood)



**GIVE LIFE  
TWICE  
BY DONATING  
CORD BLOOD**



**Canadian Blood Services**  
*it's in you to give*



Thank you for considering donating to the Canadian Blood Services Cord Blood Bank. Umbilical cord blood is a medically proven

source of blood stem cells that can help save a life. Find out more about donating cord blood today at [blood.ca/cordblood](http://blood.ca/cordblood).

## WHAT IS THE CANADIAN BLOOD SERVICES CORD BLOOD BANK?

### The Canadian Blood Services Cord Blood Bank:

- recruits healthy, volunteer mothers delivering at a designated collection hospital;
- collects, tests and stores eligible blood stem cells from the umbilical cord and placenta;
- makes eligible cord blood units available for any patient in Canada or world-wide in need of an unrelated stem cell transplant;
- collects donations at no charge to you. The Canadian Blood Services Cord Blood Bank is not affiliated with a private cord blood bank. To reserve donated cord blood for your family's use, please make those arrangements directly with a private cord blood bank.

## WHERE CAN I DONATE MY BABY'S CORD BLOOD?

**OTTAWA:** The Ottawa Hospital, Civic Campus or General Campus

**BRAMPTON - GTA:** William Osler Health System, Brampton Civic Hospital

**EDMONTON:** Alberta Health Services' Lois Hole Hospital for Women

**VANCOUVER:** BC Women's Hospital & Health Center

## DO I QUALIFY TO DONATE TO THE CANADIAN BLOOD SERVICES CORD BLOOD BANK?

### You can donate if you are:

- healthy (mother and baby) with no medical conditions that could be passed on to a patient
- 18 years of age or older, with your signed consent
- not delivering before 34 weeks in your pregnancy
- not having twins or triplets (or more)
- fluent in English or French
- delivering at one of the five designated collection hospitals

Speak to your health care provider to see if you are a candidate for cord blood donation.

Are there any risks to my baby or myself? The Canadian Blood Services Cord Blood Bank does not interfere with the natural process of the delivery of your baby. The

risks to your health and your baby's health are very low, as blood stem cells are collected from the umbilical cord/placenta after delivery of your baby.

## HOW DO I DONATE MY BABY'S CORD BLOOD?

### There are just 4 easy steps:

**STEP 1:** Talk to your healthcare provider. They will give you the information needed. Or, download the information kit from our website, [blood.ca/cordblood](http://blood.ca/cordblood).

**STEP 2:** Fill out the consent form. Give it to your healthcare provider or bring it with you on your day of delivery. Tell your nurse or healthcare provider of your intent to donate.

**STEP 3:** Cord blood collection. The cord blood will be collected in a designated hospital by a qualified professional.

**STEP 4:** If your baby's cord blood unit qualifies, a nurse may visit you to collect additional information before you leave the hospital which includes a second consent, blood work and a questionnaire.

## WHAT ARE CORD BLOOD STEM CELLS?

Cord blood stem cells are immature cells that give rise to the cells found in the bloodstream: red blood cells to carry oxygen in your body, platelets for blood clotting and white blood cells for fighting infections.

## PRIVACY NOTICE FOR THE NATIONAL PUBLIC CORD BLOOD BANK OUR COMMITMENT TO YOUR PRIVACY

### **Our Commitment:**

At Canadian Blood Services we are committed to protecting the privacy and security of all personal information in our possession. We do so by following relevant laws and best practices and encourage you to read our privacy policy on our website at [www.blood.ca/privacy](http://www.blood.ca/privacy).

### **Purpose:**

Canadian Blood Services manages the OneMatch Stem Cell and Marrow Network and the National Public Cord Blood Bank.

The purpose of the National Public Cord Blood Bank is to recruit, collect, process and store donated cord blood for unrelated stem cell transplantation. Donated cord blood units will be listed on the OneMatch Stem Cell and Marrow Network Registry for the purpose of finding potential matches with patients who require stem cell transplants.

### **What is Personal Information?**

Personal information, which includes personal health information, is information that may be used to identify you or your baby. It includes such details as name, email address, address, date of birth, health status, test results and provincial health card number.

### **Collection of Personal Information:**

In order for you to participate in the National Public Cord Blood Bank, we will collect personal information about you and your baby from your hospital records, from the blood samples that we collect from you for compatibility and transmissible disease testing, as well as your answers to a health questionnaire. We will review our records to determine if you have ever donated or attempted to donate blood or adult stem cells or if you have joined or ever attempted to join the OneMatch Stem Cell and Marrow Network as a potential stem cell donor. We need to collect this information so that we may determine whether the cord blood collected is suitable to process and store for potential transplant into a patient. This information will be put into an electronic database which forms part of Canadian Blood Services' OneMatch Stem Cell and Marrow Network, for which the servers are located in Ottawa, Ontario. Because your personal information will be held in Ontario it may be subject to the privacy laws of Ontario, as well as any privacy laws in your own province.

If it is determined that the cord blood unit we collected is not suitable for storing, the personal information we have collected about you and your baby will remain in the OneMatch Stem Cell and Marrow Network database so that we may keep a record of individuals who have attempted to participate in the National Public Cord Blood Bank.

### **How Do We Use Your Personal Information?**

We may use your personal information and your baby's personal information to:

- Assess your eligibility to store the cord blood unit;
- Select the cord blood unit for transplant;
- Attempt to contact you after your baby's birth to enquire about your baby's health if the cord blood unit is suitable for storage;
- Contact you for safety reasons, if necessary;
- Contact your physician to request supporting documentation if you report problems regarding your health or your baby's health which may affect the cord blood;
- Make our programs better and more efficient;

- Access your test results in the event a staff member accidentally comes into contact with your blood;
- Advise you regarding Canadian Blood Services' programs and donor events;
- Send you materials such as e-newsletters and e-magazines about Canadian Blood Services with the option to unsubscribe if you do not wish to receive them;
- Support our education and training activities;
- Perform quality control testing and process improvement;
- Protect the safety of blood, blood products and stem cells in the event your blood sample tests positive for a transmissible disease;
- Comply with legal and regulatory requirements;
- Fulfill any other purposes prescribed by law; and
- Contact you about our fundraising activities. If you wish to remove your name from our fundraising contact list, please call 1 888 2 DONATE (1-888-236-6283) and ask for our National Fundraising Office.

### Your Personal Information May be Shared With:

- Your physician to report any health risk;
- Public health authorities to report any positive transmissible disease test results. This information may also be shared with other Canadian blood operators to ensure the safety of blood and the blood supply;
- Canadian transplant centres and international registries. We will only refer to you or your baby by using a unique donor number when we disclose information to the transplant program health care providers or registries;
- A third party laboratory for the purpose of performing screening tests on your baby's cord blood, provided they agree to keep it confidential;
- Accreditation or regulatory bodies provided they agree to keep it confidential; and
- Others, as authorized or required by law.

### Withdrawing from the National Public Cord Blood Bank:

You may withdraw your consent to participate in the National Public Cord Blood Bank at any time by contacting Canadian Blood Services at 1 888 2 DONATE (1-888-236-6283). All personal information collected up to the date of your withdrawal of consent will remain in the OneMatch Stem Cell and Marrow Network database, but no further personal information about you or your baby will be collected or added to your record. Personal information about you or your baby will no longer be used to select your baby's donated cord blood unit for transplant. We may use your personal information to contact you for safety reasons, if necessary. If you withdraw, your baby's cord blood unit (if it has not already been used for quality assurance, or transplantation), and all samples stored, will be discarded.

### How to Contact Us:

You may contact our Privacy and Access to Information Office for more information about our privacy and access practices, or to request access to or correction of your personal information as follows:

#### In Writing:

Canadian Blood Services  
Privacy and Access to Information Office  
1800 Alta Vista Drive  
Ottawa, ON K1G 4J5

Website: [www.blood.ca](http://www.blood.ca)

#### By phone:

1-613-739-2483  
1-877-262-9191 (toll free)

#### By e-mail:

Privacy Office - [privacy@blood.ca](mailto:privacy@blood.ca)  
Access to Information Office - [ati@blood.ca](mailto:ati@blood.ca)

If you feel your concerns have not been addressed by Canadian Blood Services you have the right to contact your provincial Privacy Commissioner at:

British Columbia:	<a href="http://www.oipc.bc.ca">http://www.oipc.bc.ca</a>
Alberta:	<a href="http://www.oipc.ab.ca">http://www.oipc.ab.ca</a>
Ontario:	<a href="http://www.ipc.on.ca">http://www.ipc.on.ca</a>



Canadian Blood Services  
Société canadienne du sang

## PERMISSION TO COLLECT Umbilical Cord Blood

Maternal Hospital ID Label

**Introduction:** Canadian Blood Services' National Public Cord Blood Bank is building a public umbilical cord blood bank that reflects the ethnic diversity of Canada. With the help of hospital physicians, midwives and/or nurses, Canadian Blood Services' National Public Cord Blood Bank collects, tests, stores and distributes donated human umbilical cord blood.

The following information is provided to you to explain the purpose of the program, including what you will be asked to agree to as a voluntary participant and the potential risks and benefits. Choosing not to participate in the program will not have any impact on you or your family's medical care. You are encouraged to contact the National Public Cord Blood Bank at 1 888 2 DONATE (1-888-236-6283) to ask questions at any time.

**Why donate umbilical cord blood?** Umbilical cord blood contains blood stem cells. Blood stem cells produced by your baby before birth circulate through the baby's body, the umbilical cord and placenta. After your baby is born, the umbilical cord is cut and the placenta, or "afterbirth," is delivered. The blood stem cells collected from the placenta and/or umbilical cord can be used to treat people with diseases such as leukemia, bone marrow failure and other serious disorders. The cord blood donated to the National Public Cord Blood Bank can be used for any patient who might need it for transplantation, in Canada or around the world. There are private companies that also bank cord blood for direct family use for a fee, but they are not publicly available for use by others in need. Private banks are not affiliated with Canadian Blood Services and you must contact them directly if this option interests you. Once your baby's cord blood has been collected by the National Public Cord Blood Bank, it cannot be transferred to a private bank.

**Description:** You are being asked to permit your physician, midwife and/or the National Public Cord Blood Bank staff to collect your baby's cord blood that remains in the placenta and its attached umbilical cord after your baby is born. In collecting the cord blood, your physician or midwife is voluntarily assisting Canadian Blood Services with the collection of cord blood based upon the consent granted by you for the collection. The collection of the umbilical cord blood will not affect the delivery or the care of you or your baby. If your baby's cord blood meets minimum requirements, the cord blood unit and your samples, if any, will be sent to the National Public Cord Blood Bank manufacturing facility to start the process of testing and preparing the cord blood for storage. The cord blood unit and blood samples are then placed in a secure location until all screening tests are complete. The results of these tests will help us determine if your baby's cord blood can be stored.



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**Privacy:** You are also being asked to permit the National Public Cord Blood Bank staff to review (before or after collection) the medical records of you and your baby to see if your baby's cord blood will meet the requirements for storage. We also need to collect certain personal information about you and your baby, including the health assessment from your physician, and the results of any laboratory tests that may have been completed. 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. If a condition or disease is present, we will not proceed with further collection, testing or storage of your baby's cord blood for the purpose of transplantation. For further information about the collection, use and disclosure of personal information please review the accompanying Privacy Notice.

**Assessment, Storage and Transplantation:** At the hospital, the National Public Cord Blood Bank will assess your baby's cord blood to determine whether it meets minimum requirements to be sent to our manufacturing facility for processing. If all requirements are met, a staff member will return to speak with you after you have rested from your delivery. The staff member will discuss with you the 'Informed Consent' form specific for storage for transplantation, ask questions related to your medical history and general health, and discuss storing your baby's cord blood with the National Public Cord Blood Bank. Also at that time, you will be asked to provide a blood sample which will be tested for HIV, hepatitis and other transmissible diseases. If you require intravenous fluid during your labour, we may ask that you provide a blood sample for transmissible disease testing at the same time as the intravenous insertion. Any positive test results will be given to you and your physician, as per Canadian Blood Services' policy, and will also be reported to the appropriate public health authorities.

If your baby's cord blood does not meet minimum requirements for processing, it will not be sent to the National Public Cord Blood Bank manufacturing facility. Instead, we will return the cord blood to your hospital, to be dealt with in accordance with approved hospital policies. Questions about how your hospital will handle the returned cord blood should be directed to a hospital representative.

**Discarding Cord Blood:** In the event that baby's cord blood is determined unsuitable for storage or transplantation at our manufacturing facility, your baby's cord blood and any blood samples will be discarded, unless they are used for quality assurance purposes.

**Costs and Reimbursements:** There will be no cost to you to participate in the program. There will be no reimbursements to you for any aspect of your cord blood donation.

**Potential Risks and Discomforts:** The National Public Cord Blood Bank does not interfere with the natural process of the delivery of your baby. There are no significant risks related to participating in the National Public Cord Blood Bank as blood stem cells are collected from the umbilical cord/placenta after delivery of your baby. If blood samples are drawn from you for infectious disease testing, the amount of blood drawn from you for your blood sample is small (total of 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 sample is taken, lightheadedness, possible fainting and, rarely, infection.



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**Potential Benefits:** Though neither you nor your baby will directly benefit from the donation, it may provide a patient with a life-threatening disease with a chance for a healthy life.

**Withdrawing from the National Public Cord Blood Bank:** Your participation in the National Public Cord Blood Bank is voluntary and may be withdrawn at any time by calling 1 888 2 DONATE (1-888-236-6283). Your baby's cord blood will be discarded if it has not already been used for transplantation or quality assurance. A "Withdrawal of Consent to Participate in the Canadian Blood Services' National Public Cord Blood Bank" form will be provided to you for completion and return.

The personal information that has been collected by Canadian Blood Services up to the date of your withdrawal will remain in the National Public Cord Blood Bank but no further information about you or your baby will be collected, used or disclosed. We may use your personal information to contact you for safety reasons, if necessary. Please know that choosing not to participate will not have any impact on you or your family's medical care in any way.

**Ethnic Background:** The National Public Cord Blood Bank must reflect the ethnic diversity of Canada. Since certain genetic markers are common in some populations, Canadian Blood Services is asking mothers donating their baby's cord blood to therefore select the background that you and your baby's father most identify with. This information helps in the matching process between a potential donor and a patient in need and allows OneMatch to ensure that it is meeting the needs of Canadian patients. The chart on the following page may be used as a guideline to assist you.

**Instructions:** Please complete the chart and sign the consent on the following page and either (1) return to your health care professionals, who will send a copy to the hospital where you will deliver your baby, or (2) bring with you to the hospital at time of delivery. The hospital will keep a copy on your medical chart and provide a copy to Canadian Blood Services.

