

Yes! I want to give hope to a sick child!

Please detach and mail to:

Alberta Cord Blood Bank
(Tanya Smale Cord Blood Foundation)
780, 8303 - 112 Street
Edmonton, Alberta T6G 2T4

| | | |
|--|-------------|-------------|
| Name | | |
| Address | | |
| City | Province | Postal Code |
| Telephone (include area code) | | |
| I am enclosing my tax deductible contribution for the amount of \$ | | |
| Credit Card <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express | | |
| Cardholder's Name | | |
| Card # | Expiry Date | |
| Signature | | |

Donations may be made by
telephone: (780) 492-2673

Please make cheques / money orders payable to:
Tanya Smale Cord Blood Foundation

Thank you for your generous donation.
Charitable registration # 86623 0238 RR0001

The Dollars You Give Are Vital For Fighting Cancer And Other Serious Blood Diseases In Children

Your contribution allows the Alberta Cord Blood Bank to:

- Collect and process umbilical cord blood stem cells.
- Test cord blood stem cells for infectious diseases.
- Genetically type and store cord blood stem cells until needed for transplantation.



Phone: (780) 492-2673
Fax: (780) 492-8704
Email: info@acbb.ca

Alberta Cord Blood Bank



"Hi, my name is Gillian. I am 5yrs. old and I have Blackfan Diamond Anemia. Every year I receive 9 blood transfusions to treat my anemia. A cord blood stem cell transfusion would cure me of my disease. The Alberta Cord Blood Bank is working to find stem cells for me. Please help them to give me hope for my cure.
Thank you."

Turning Waste Into Gold

**Tanya Smale
Cord Blood
Foundation**

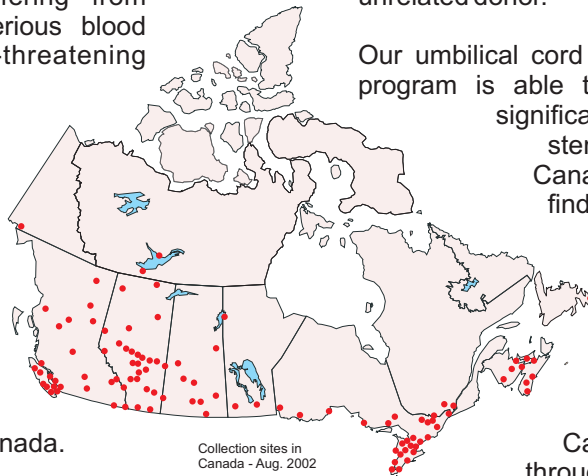
Who are we?

The Alberta Cord Blood Bank is a charitable organisation that collects waste umbilical cord blood from full term normal deliveries across Canada.

Our Mission is to provide stem cells for the treatment of children suffering from leukemia, solid tumors, serious blood diseases and other life-threatening illnesses.

Our program concentrates exclusively on unrelated stem cell transplantation. This means that stem cells are transplanted between individuals who are not genetically related.

We are the only national, public cord blood bank in Canada.



Why our program?

There is only a 30% chance for children in the same family to act as bone marrow donors for each other. The other 70% of children who need a transplant must find a donor from outside the family. There is a 1 in 200,000 chance of finding a compatible, unrelated donor.

Our umbilical cord blood stem cell donor program is able to reduce these odds significantly. A large inventory of stem cells from the broader Canadian population makes finding a match easier. This source of stem cells, from umbilical cord blood, is inexhaustible.

We are able to reflect the genetic diversity of Canadians in our program through nationwide collection of cord blood.

Where do the funds go?

The cost to the Alberta Cord Blood Bank is approximately **\$1,000** per cord blood sample successfully collected, processed and stored.

The Alberta Cord Blood Bank provides its services free of charge to stem cell recipients.

Donors make this first gift on behalf of their newborn baby.

Processed cord blood unit in cassette



Are there alternatives to cord blood stem cells?

Stem cells are also found in the bone marrow and the peripheral blood of human beings.

There are bone marrow programs such as the National Unrelated Bone Marrow Donor Registry in Canada. These programs also supply stem cells for transplantation.

An advantage that cord blood stem cells have is that they are less likely to attack other cells of the recipient (graft versus host disease), thereby reducing one of the major side effects associated with transplantation.

Our program at a glance

- Donors register with the Alberta Cord Blood Bank.
- Families donate their baby's umbilical cord blood from healthy full term births to the Bank.
- The cord blood is processed to extract stem cells.
- The stem cells are tested for infectious diseases and genetically typed. They are then stored in special liquid nitrogen freezers until needed.
- Transplant doctors search the Canadian Cord Blood Registry for a donor. When a genetic match is found, the stem cells are given to the child in need.

How can you help?

Every year there are about 100 children in centres across Canada who need a stem cell transplant. You can give hope to any one of these children by supporting our program financially.

You can also inform expectant mothers about our program and encourage them to register with the Alberta Cord Blood Bank for cord blood donation to our unrelated program.