

**Health
Canada**
Registered
and Approved
Registration
No.100023

Healthcord - Canada's Trusted Name in Cord Blood Banking

Healthcord is Canada's leading cord blood processing facility. We are one of Canada's largest and oldest biomedical groups with over 20 years of experience that include federal and provincial government agencies across Canada. Healthcord has the stability and experience your family can rely upon.

Quality Assurance - Accreditation

Healthcord is Health Canada inspected and approved, and FDA registered. Our laboratory has proudly achieved the highest level of accreditation with the American Association of Blood Banks (AABB), the leading international accreditation body for blood banks, and participates in the College of American Pathologists Proficiency Testing Program to ensure the highest quality laboratory testing and processing. Our facility has a "A+" rating with the Better Business Bureau.

AABB Accredited

FDA
REGISTERED

CAP Proficiency Testing Program
of the College of American
Pathologists

BBB **A+**
RATING
ACCREDITED
BUSINESS

Technology and Expertise

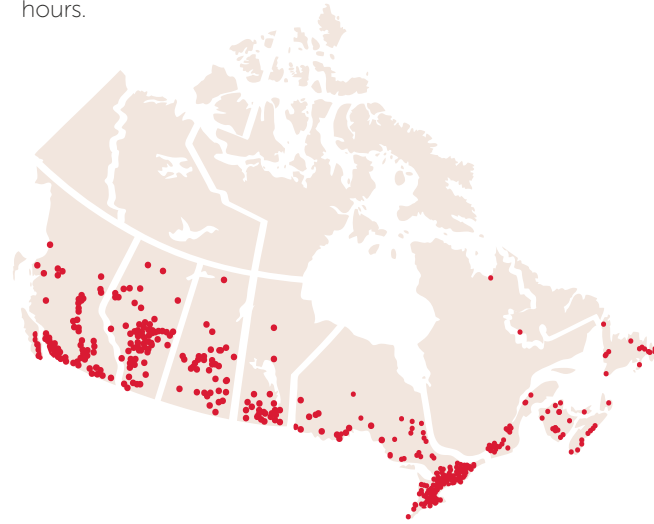
As Canada's only cord blood bank founded by PhD scientists, our technology is second-to-none and includes the latest cord tissue processing technology, highest stem cell yield, computer controlled-rate freezing, ISHAGE flow cytometry, and guaranteed next-generation vapor-phase storage. What this means is that our patients receive the best possible technology anywhere in the world.

3 Easy Ways to Get Started

- 1 Register Online**
The most convenient way to register.
Go to www.healthcord.com/register
- 2 Register by Phone**
Call toll free 1-888-802-0706
- Register by Fax or Mail**
- 3** Download the Banking Registration Form at www.healthcord.com/register and
Fax to: 1-888-655-8877

World-Wide Services

Securicord is Canada's nation-wide cord blood bank, processing samples from coast to coast. Our specialized medical couriers can pick up from your hospital bedside anywhere across Canada and deliver to our facility within hours.



Securicord works with a network of over 450 hospitals
across Canada for cord blood and cord tissue collection

- Phone 1-888-802-0706
- Email support@healthcord.com
- Main Laboratory 100 – 2806 Kingsway
Vancouver BC V5R 5T5
- Corporate 909 17th Ave SW, 4th Floor
Calgary AB T2T 0A4
1801 – 1 Yonge St
Toronto ON M5E 1W7

CORD BLOOD & CORD TISSUE STEM CELL BANKING



Storing your baby's
Stem Cells...
Give the gift of health.

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h Healthcord
CANADA'S #1 CORD BLOOD BANK


Storing your Baby's Cord Blood and Cord Tissue






Choosing to bank your baby's cord blood and cord tissue at birth may be one of the best decisions you can make for your child's health. Learn more about the benefits of cord blood and cord tissue banking, a decision that can give your child a distinct health advantage that lasts a lifetime.

Your Baby's Amazing Cord Blood and Cord Tissue
Your baby's cord blood and cord tissue are **rich in powerful stem cells** - rare cells capable of regenerating and repairing tissues and organs in the body.

Cord blood stem cells are currently used in the treatment of over 80 life-threatening diseases, including cancers, hereditary diseases, and blood and immune related disorders.

The lifetime risk of developing a degenerative disease targeted by stem cell research is increasing, and the likelihood that a child born today may potentially benefit from stem cell therapy during his or her lifetime is higher than ever.

 A child born today has the following
lifetime degenerative disease risks:

- | | | |
|--------|----------------|---|
| 1 in 2 | HEART DISEASE |  |
| 1 in 2 | OSTEOARTHRITIS |  |
| 1 in 3 | DIABETES |  |
| 1 in 6 | STROKE |  |
| 1 in 6 | DEMENTIA |  |

87% CHANCE OF DEVELOPING AT LEAST
ONE OF ABOVE DISEASES IN LIFETIME



What is Cord Blood?

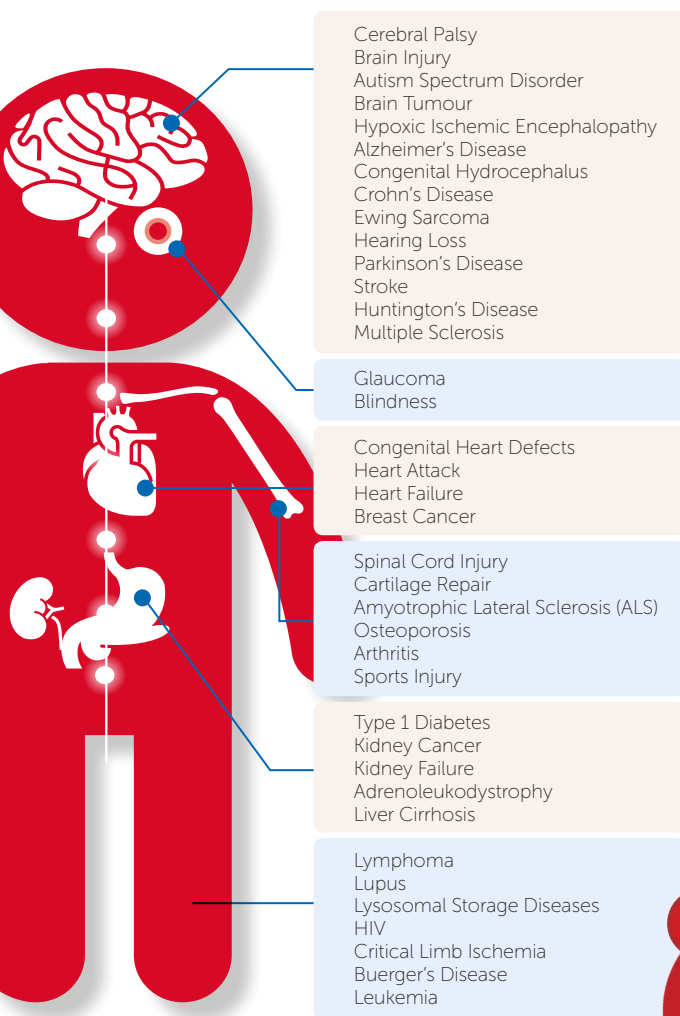
Cord blood is the blood remaining in the umbilical cord and placenta after birth. Cord blood is rich in life saving Hematopoietic Stem Cells (HSCs).

HSCs are powerful cells that can self-renew and differentiate into specialized cells of the blood system.

A Lifetime of Prevention

Cord blood stem cells are currently used in the treatment of over 80 life-threatening diseases, including cancers and genetic disorders. Additionally, current clinical trials are using cord blood and cord tissue stem cells for a broad range of diseases (Figure 1). With rapid advances in stem cell research, the use of cord blood and cord tissue stem cells in cell therapies will continue to expand during your child's lifetime.

Figure 1. Diseases targeted by stem cell research



Umbilical Cord Tissue, the Latest Breakthrough in Stem Cell Banking

In addition to banking cord blood, you now have the opportunity to bank stem cells from your baby's umbilical cord tissue. While your child's cord blood is a rich source of Hematopoietic Stem Cells (HSCs), your baby's umbilical cord tissue is a rich source of a different type of stem cell known as Mesenchymal Stem Cells (MSCs).

MSCs are powerful multipotent stem cells that can heal and repair the body in different ways than cord blood. MSCs can rapidly divide and regenerate a wide range of cell types, including cartilage, bone, muscle and nerves. MSCs are currently being studied for their use in the treatment of autism, cerebral palsy, heart attack, stroke, spinal cord injuries and many more degenerative diseases.

Current clinical trials are using umbilical cord MSCs for a variety of conditions, including stroke, rheumatoid arthritis, Parkinson's Disease, Alzheimer's Disease, Type I Diabetes and wound repair. Storing your baby's cord tissue today provides the possibility for more therapeutic options for your family in the future.

Healthcord Collection Kit

Your delivering physician will use the Healthcord Kit to collect your baby's cord blood and cord tissue.

Cord blood is collected into a CPD closed-system blood bag, a premium system for sterile blood collection. Cord tissue is collected into a Cord Vessel which contains tissue culture media with antibiotics.

Thermal Regulated Transporter

Designed to prevent temperature fluctuation during transportation.



Why Store Cord Blood & Cord Tissue?

Cord blood and cord tissue banking is important for every newborn. With the growing number of diseases that can now be treated with stem cells, saving your baby's cord blood and cord tissue at birth is one of the most precious gifts you can give your child.

How long can cord blood be stored?

Once banked under cryogenic conditions, your baby's cord blood and cord tissue stem cells remain viable for his or her entire lifetime. Your child can use them anytime in his/her lifetime.

What are the benefits of my child using his/her own cord blood?

Your child's own cord blood and cord tissue stem cells are a perfect match to your child, are available for immediate use with no need to search for a donor, and there is no chance of rejection.

Can my child's cord blood be used for treating other members of the family?

Your baby's stem cells have high chance of being a match with immediate family members, including parents, grandparents, and siblings. This means your entire family may also benefit from your child's cord blood and cord tissue.

What are the benefits of banking both cord blood and cord tissue?

Cord blood and cord tissue have different types of stem cells which have different regenerative potentials. Banking both types of stem cells provides the potential for treating more conditions than cord blood alone.

Temperature Datalogger

To monitor the temperature of the sample during transportation.

Professional Medical Courier

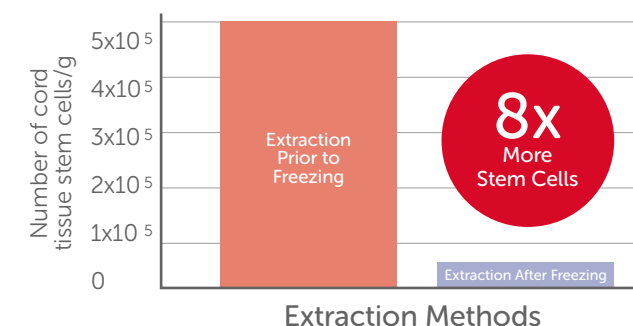
Healthcord uses professional medical couriers that can pick up samples from your bedside and ensure timely delivery to our facility.

The Securicord Advantage

Highest Stem Cell Recovery

Healthcord is one of the few laboratories in the world with the advanced technology to extract, purify and bank all of the stem cell types from cord tissue prior to freezing, resulting in 8x more cord tissue stem cells available for treatment compared to thawed frozen segments of the umbilical cord.

8x More Stem Cells Than Other Methods



Next-Generation Vapor-Phase Storage

Healthcord is one of the first facilities in Canada to guarantee exclusive use of premium next-generation vapor-phase storage for all cord blood and cord tissue samples. The use of nitrogen vapor essentially eliminates the risk of cross-infection of your child's cord blood sample by communicable diseases from other samples.

Advanced Freezing Technology

Healthcord uses advanced computer controlled-rate freezing technology which results in proper 'vitrification'. Vitrification allows biological processes in a cell to slow down to essentially zero, 'freezing' the cell in time without tissue death.

Closed-System Processing

Healthcord uses premium closed-system processing with integrated blood bags and specialized instruments which greatly increase the safety of banked blood and tissue products by reducing the risk of sample infection.

Advanced Stem Cell Quantitation

Healthcord uses a single-platform enumeration system for quantitation of CD34+ stem cells, the most accurate and advanced method available to date.