



## About Healthcord

Healthcord is an internationally recognized leader in the cord blood banking industry. We are part of one of Canada's largest and oldest biomedical groups, with over 25 years of experience, providing services to federal and provincial agencies across the country.

Healthcord is proud to be **100% Canadian owned and operated**. We provide the safety, stability, and peace of mind Canadian families expect—today, tomorrow, and far into the future.

## 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 AABB, and participates in the CAP Proficiency Testing Program to provide assurance of the highest level of quality for our clients and patients across Canada and around the world.



Visit [www.healthcord.com](http://www.healthcord.com) to learn more, enroll, or request a Free Info Kit!

## 4 Easy Steps to Banking

- 1 Enroll** at [www.healthcord.com](http://www.healthcord.com). Scan the QR code, or call us at 1-888-802-0706. It takes only 5 minutes!
- 2 Receive** your collection kit in 1-3 days.
- 3 Bring** the kit to the hospital on your delivery day.
- 4 Call** us at 1-888-802-0706 after birth to schedule kit pickup.



## Canada-Wide Services

Healthcord provides Canadians with access to state-of-the-art biomedical services from coast to coast. Our specialized medical couriers pick up from over 95% of Canadian hospitals.



Healthcord 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**
- Corporate Laboratory: 100 – 2806 Kingsway Vancouver BC V5R 5T5
- Offices: 500 – 5940 Macleod Trail SW Calgary AB T2H 2G4  
1801 – 1 Yonge St Toronto ON M5E 1W7

# CORD BLOOD & CORD TISSUE BANKING



## All about Storing your baby's Stem Cells...



## Why Bank Cord Blood?

Banking your baby's cord blood and tissue at birth gives your newborn a distinct health advantage in the years ahead.

### Your Baby's Amazing Cord Blood and Tissue:

Newborn cord blood and cord tissue are **rich in powerful stem cells** that are capable of regenerating and repairing tissues and organs in the body. These cells disappear soon after birth, giving expectant parents a one-time opportunity to safely collect them at birth.

Stem cells are already used to treat over 80 life-threatening diseases, including cancers and blood/immune system diseases, and are a key component in the emerging field of **cell therapy**.

Cell therapy is widely considered to be a breakthrough technology, opening the doors to treating previously incurable degenerative diseases. The lifetime risk of developing a degenerative disease is very high, meaning children born today are likely to benefit from new cell therapies during their lifetime:

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 THE ABOVE DISEASES IN LIFETIME



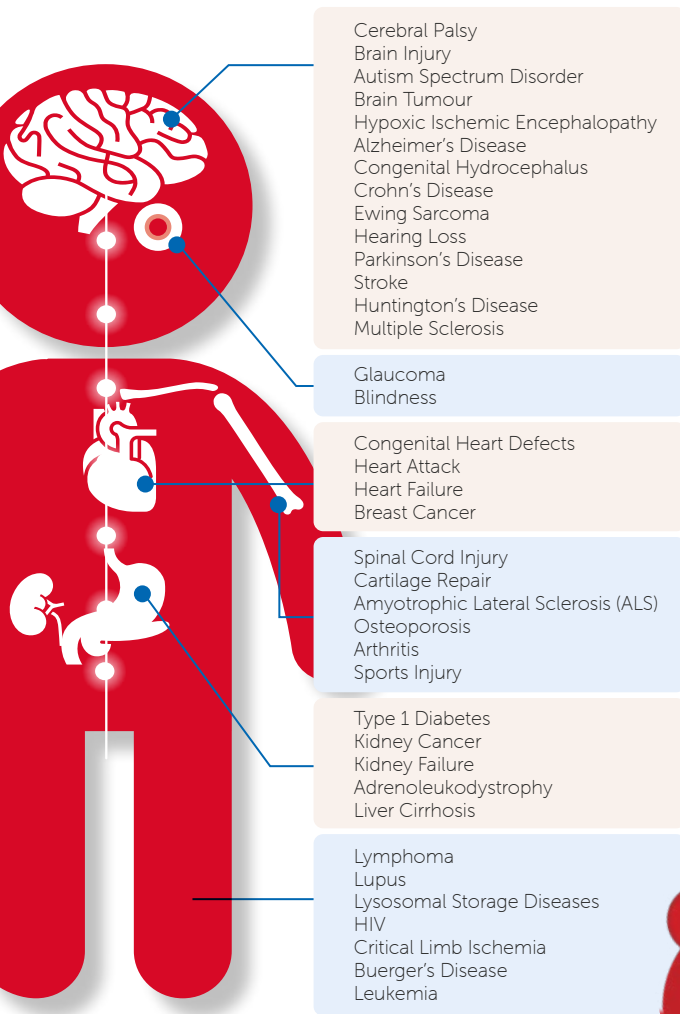
## What is Cord Blood?

Cord blood is the blood left over in the umbilical cord after birth, and is rich in life-saving stem cells. Previously regarded as medical waste, scientists have discovered that cord blood is the only non-invasive, abundant source of early-stage stem cells available in a person's lifetime.

### A Lifetime of Prevention

Already used in the treatment of over 80 life-threatening diseases, new clinical trials using stem cells to treat a wide range of diseases are initiated every year (Figure 1). With such rapid advances in stem cell research, cell therapies will likely become a critical medical solution in your child's lifetime. **Storing your newborn's cord blood is the first step.**

Figure 1. Diseases targeted by stem cell research



## Umbilical Cord Tissue, a New Option

In addition to cord blood, expectant parents can now also bank umbilical **cord tissue**. Cord blood is a well-established source of Hematopoietic Stem Cells (HSCs)—which can turn into blood and immune cells, while cord tissue is a rich source of Mesenchymal Stem Cells (MSCs) with the potential to differentiate into bone, muscle, and nerve tissue.

While still largely experimental, MSCs are being studied for their potential use in treating conditions such as autism, cerebral palsy, heart attack, stroke, spinal cord injuries, rheumatoid arthritis, Alzheimer's disease, Type 1 diabetes, and wound repair, just to name a few.

Storing your baby's cord tissue creates even more opportunities for protecting your newborn in the years ahead!

## Healthcord Collection Kit

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

Cord blood is collected into a closed-system blood bag to ensure 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.



**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.

## More Questions...

### How long can cord blood be stored?

Under cryogenic conditions, your baby's stem cells remain viable for his or her entire lifetime. They are ready whenever your child needs them.

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

Your child's own stem cells are a perfect match for your child, are available for immediate use with no need to search for a donor, and have absolutely no risk of rejection.

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

Your baby's stem cells have up to a 50% chance of being a match for immediate family members, including parents, grandparents, and siblings (*chance of a match with a random person is only 0.0001%*).

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

Banking both types of stem cells maximizes the potential for treating the widest variety of diseases possible.

Have more questions?  
Scan the QR code  
to schedule a chat with us

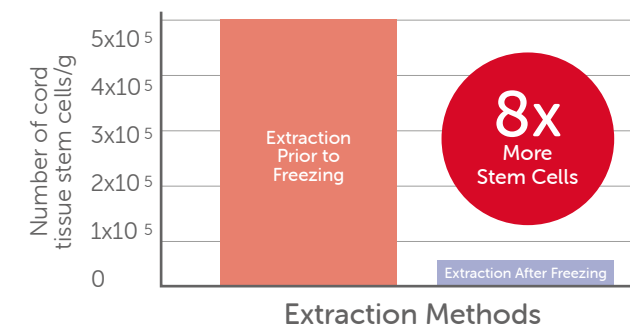


## The Healthcord Advantage

### Superior Cord Tissue Stem Cell Recovery

Advanced extraction technologies yield up to 8x more cord tissue stem cells for treatment.

### 8x More Stem Cells



### Next-Generation Vapor-Phase Storage

Healthcord is the first facility in the world to exclusively use next-generation vapor-phase storage for all cord blood and cord tissue samples. This specialized equipment makes storage safer and more effective.

### Advanced Freezing Technology

Healthcord uses advanced computer-controlled-rate freezing to slow biological processes in cells to essentially zero, 'freezing' the cell in time. This allows stable storage for more than a lifetime!

### Closed-System Processing

Healthcord uses closed-system processing with integrated blood bags to protect your baby's valuable samples from contamination.

### Advanced Stem Cell Quantitation

Healthcord uses single-platform flow cytometry to evaluate your baby's stem cells, providing the most accurate insights into stem cell quality.