



by CooperSurgical®

# Talking with your patients about preserving Newborn Stem Cells

Healthcare provider's guide



# Peace of mind today.

## What is newborn stem cell preservation?

A baby's umbilical cord is made of tissue and contains blood. The powerful cells inside the blood and tissue are collectively referred to as newborn stem cells.

Expectant families can choose to preserve their baby's cord blood and cord tissue for potential future medical uses. It's a once-in-a-lifetime opportunity that may provide families with more treatment options in the future, especially as science progresses. It is suitable for all birth plans, including those involving caesarean section and/or delayed cord clamping.

## Who is a match to the newborn stem cells?

- Babies are always a perfect genetic match to their own stem cells
- Full siblings have a **75% chance** of being at least a partial genetic match while some are a perfect match
- Parents are always a partial match

## A physician's perspective

*Not only can these cells be used for FDA-approved stem cell transplants today, there are hundreds of clinical trials in regenerative medicine exploring potential treatments for conditions that currently have no cure.*

Janelle Cooper, MD FACOG  
Board-certified OB/GYN  
Paid consultant of Cbr Systems, Inc.

# Protection for tomorrow.

## What are newborn stem cells used for?

### Current uses - Transplant Medicine

Cord blood may be used in the treatment of over **80 diseases today**,<sup>1</sup> including:



**Blood disorders**  
(sickle cell anemia)



**Cancers**  
(leukemia and lymphoma)



**Immune disorders**  
(severe combined immunodeficiency)



**Metabolic disorders**  
(Krabbe disease)

### Potential uses - Regenerative Medicine

Newborn stem cell research has been initiated in over **500 clinical trials** to investigate possible future applications in regenerative medicine,<sup>2</sup> which aims to replace or regenerate cells, tissues, or organs to help restore function to the body.<sup>3</sup> Cell-based therapies using multiple cell types found in umbilical **cord blood and cord tissue** show promise as tools in this field and may be one of the next breakthroughs in healthcare.<sup>3</sup>



### Areas of research include:<sup>2,4,5</sup>



**Neurological**



**Autoimmune**



**Orthopedic**



**Cardiovascular**



**Tissue and organ damage**

# How much does preservation cost?

Call to learn more about special promotions and affordable payment plans.

## One-time processing payment\*

No payment due until after birth.

	List price
Cord blood only	<b>\$1700</b>
Cord blood + Cord tissue	<b>\$2870</b>

## Annual Storage fee\*

18-year and lifetime bundles available.

	List price
Cord blood only	<b>\$200</b>
Cord blood + Cord tissue	<b>\$400</b>

## What are the next steps for my patients to take?



Enroll



Collect



Preserve

Visit [cordblood.com](http://cordblood.com) or speak with a Newborn Stem Cell Educator at **1.888.CORD.BLOOD (1.888.267.3256)** to learn about our current offers.

\*One-time payment and financing options include processing, first year's storage, and courier transport. The annual storage fee will be charged each year following your baby's first birth day. Storage is currently \$200 per sample per year but is subject to change. See [www.cordblood.com/pricing](http://www.cordblood.com/pricing) for full details.

1. Majani, H., Wagner, J.E. & Broxmeyer, H.E. Cord blood research, banking, and transplantation: achievements, challenges, and perspectives. *Bone Marrow Transplant* 55, 48–61 (2020). 2. U.S. National Library of Medicine. *ClinicalTrials.gov*. Accessed October 21, 2022. <https://clinicaltrials.gov/>. 3. Regenerative Medicine. AABB. Retrieved from: <https://www.aabb.org/news-resources/resources/cellular-therapies/facts-about-cellular-therapies/regenerative-medicine>. 4. Venter, F., Couto, P. S., & Barnersiv, A. (2019). A dozen years of clinical trials performing advanced cell therapy with perinatal cells. *Future Science OA*, 4(10). doi: 10.4155/fsoa-2019-0085. 5. Torre P, Flores AJ. Current Status and Future Prospects of Perinatal Stem Cells. *Genes (Basel)*. 2020 Dec 23;12(1):6. doi: 10.3390/genes12010006. PMID: 33374593; PMCID: PMC7822425.

The use of cord blood is determined by the treating physician and is influenced by many factors, including the patient's medical condition, the characteristics of the sample, and whether the cord blood should come from the patient or an appropriately matched donor. Cord blood has established uses in transplant medicine; however, its use in regenerative medicine is still being researched. There is no guarantee that treatments being studied in the laboratory, clinical trials, or other experimental treatments will be available in the future.

Cord tissue use is still in early research stages, and there is no guarantee that treatments using cord tissue will be available in the future. Cord tissue is stored whole. Additional processing prior to use will be required to extract and prepare any of the multiple cell types from cryopreserved cord tissue. Cbr Systems, Inc.'s activities for New York State residents are limited to collection of umbilical cord tissue and long-term storage of umbilical cord-derived stem cells. Cbr Systems, Inc.'s possession of a New York State license for such collection and long-term storage does not indicate approval or endorsement of possible future uses or future suitability of these cells.

