

Important information about cord blood banking.

1. What is cord blood?

The term “cord blood” is used to describe the blood that remains in the umbilical cord and the placenta after the birth of a baby. Up until recently this blood was discarded as medical waste. Cord blood contains powerful stem cells that may be cryo preserved for later use in medical therapies, like cancerous & non-cancerous diseases.

2. What are cord blood stem cells?

Stem cells in the umbilical cord blood are different from bone marrow stems cells, which have been the treatment standard for stem cell, therapies. The stem cells in cord blood can grow into blood and immune system cells therapies. The stem cells in cord blood can grow into blood and immune system cells, as well as other types of cells.

3. Why do umbilical cords have stem cells?

Stem cells are in many organs, but they are most plentiful in your blood system, When the body goes through stress or trauma, more cells are created, During birth, a child’s blood is full of stem cells, many of which can be retained in the umbilical cord.

4. How is cord blood collected and Stem cell banked?

Cord blood collection does not cause harm or pain to either the mother or baby. The cord blood is drawn after the baby has been delivered and the cord is clamped and cut. The cells in cord blood remain viable for a couple of days at room temperature, providing sufficient time for the blood to be shipped to a laboratory where the stem cells in the blood are processed and cryogenically frozen. Once properly frozen, stem cells remain viable for decades.

5. How are cord blood stem cells used today?

The stem cells found in cord blood treat many diseases, including several types of cancer, In most cases, doctors search public registries to find matching stem cell donors. Since bone marrow donors are lacking, especially with ethnic minorities, cord blood donations are helpful, Stem cells from cord blood are more adaptable than bone marrow stem cell.



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Umbilical Cord Blood Stem Cell Bank

6. Can my child use his or her own cord blood?

In most of the cases, children are able to receive their own stem cells for treatment; genetic diseases may require stem cells from another donor. However, if recent clinical trials are successful, autologous cord blood cells will be adopted as a therapy for cerebral palsy and other major diseases - this means your child can use his or her own stem cells for treatment.

7. What types of banks store cord blood?

There are two types of cord blood banks:

1. Public Banks

Public banks store donated cord blood for potential use by transplant patients. The blood is listed on a registry by its HLA type, and the donor remains anonymous. If you give your child’s cord blood to a public bank, your donation may save a life, but have no guarantee that you can retrieve the blood later for use by your family.

2. Private Banks

Private banks (also known as family banks) store cord blood exclusively for use by the baby’s family. The parents have custody of the cord blood until the child is an adult. The cord blood might someday be needed by the donor baby, or it could be used by a relative who is a close enough match (typically a sibling).



8. Who is eligible to bank cord blood Stem Cell?

In order to deposit cord blood Stem Cell, the mother must.

1. Register with Surat Raktadan Kendra & Research Center and

2. Pass a health history screening except in cases of rare medical complications, most mothers are eligible for family banking. For all forms of cord blood banking, be sure to discuss your decision with your healthcare provider, who may be required to take collection procedure training. If the parents have been given a collection kit, they must remember to bring it to the hospital at the time of delivery.

9. Suppose someone in my family has a disease that can be treated with cord blood?

If there is a chance that your baby's cord blood Stem Cell might be needed to treat a family member, then you may be eligible to receive free cord blood stem Cell stored in a Stem Cell Bank where you have Chosen to Store Your Baby's Cord Blood Stem Cell, In line with procedure laid down By SRKRC.

10. Why bank with SRKRC ?

The Strength of any organization is determined by The History of the Services to society, Surat Raktadan Kendra & Research Centre has 43 Years long History as state of art Blood Bank of Surat. The quality of the facility and caliber of the work Force, Surat Raktadan Kendra & Research Centre has a State-of -the-art cord blood processing lab with the latest and most sophisticated technology in the heart of Surat. The Laboratory is manned by a well qualified, highly competent and skilled staff 24 hours a day, 7 days a week to receive and process cord blood specimens.

11. Where can I find more information?



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Umbilical Cord Blood Stem Cell Bank

Address: 2nd Floor, Khatodara Health Centre,
Near Chosath Jogni Mata Temple, Udhana
Magdalla Road, Surat -395002. Gujarat, India.

Contact No. :93165 79990 / 93165 51755

E-mail : scellurance@gmail.com

Website : www.srkrc.org

Stem Cell Bank
A Medical Revolution of 21st Century

**PARENT'S GUIDE TO
CORD BLOOD BANK**

The Blood in a baby's umbilical cord has the power to save lives.

By choosing to bank this blood Stem Cell, Parents could help a child, a family member or even a unfamiliar person.

This brochure is intended to answer many questions that parents-to-be may have.

Please ask your Gynecologist about your options for banking your child's cord blood stem cell .



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