



Indu  Stem Cell Bank  
Vadodara • Gujarat • INDIA



 Protect your child's life.  
For life.



## + Foreword:



The last century was a very restless one for medical science as it struggled to find cures against an array of diseases. From this battle arose many saviours but perhaps none more promising or powerful as stem cell therapy.

A boon for humanity, stem cells have revolutionized the cure for hundreds of life threatening disease. But even as stem cells save lives across the world, in India this cure is still at a nascent stage and is available only at some places.

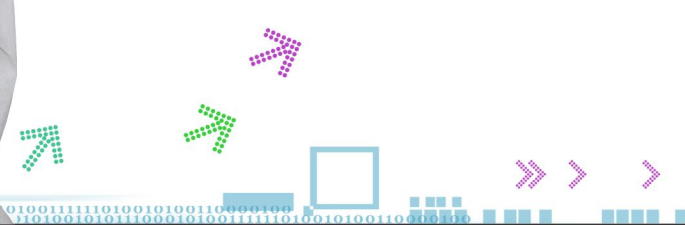
At Indu we are altering this status quo. For over 20 years, we have been engaged in Blood Banking, sickle cell screening and Training & education. Now we bring that same world class experience in the field of Stem Cell Banking. We are the first Indian company to indigenously develop a stem cell setup, ensuring a simple, systematic and hassle free stem cell collection and storage process.

As a Doctor I have made it my personal mission at Indu to ensure that we serve society with this miraculous cure, not profiteer from it. With the Indu Stem Cell Bank you can be rest assured of a world-class service that doesn't cost you the world.

Dr. Vijay Shah

## + Protect your child's life. For life.

As the miracle of birth takes place, another miracle is born with it. That is the miracle of stem cells present in the umbilical cord. Stem cells are a priceless gift of nature, discovered and nurtured by science. When preserved at birth they can become the soldiers, protecting and guarding your child against innumerable diseases – for life.





## Stem Cells - Body's Building Blocks

Stem cells are like a protective shield that can protect your child for the rest of their life. They can take the form of any human organ and regenerate any damaged cell.

Stem cells are the foundation blocks of our bodies. Everything we are made up of - skin, bones, muscles and organs - are made up of stem cells. When a baby is conceived in the mother's womb, it is nothing but a mass of stem cells.

All stem cells—regardless of their source—are capable of dividing and renewing themselves for long periods. The possibilities of stem cells use are virtually limitless.

- They have the unique capacity to turn into any type of cell in the body such as muscle cell, bone cell, blood cell, tissues, brain cell etc.
- They can replicate or copy themselves limitlessly
- The old cells in our body get replaced with new cells from time to time. Stem cells are responsible for these repair and regeneration functions in the body

As the building blocks of life stem cells have the potential to treat an enormous range of diseases and conditions that plague millions of people around the world. Research has proven that stem cell gives you a fighting chance to cure life threatening diseases & lead a healthier life.

*In fact, millions of people have benefited from stem cell treatments across the world, for over 80 medical conditions. Every year over 60,000 people are treated for various medical conditions such as Thalassemia, Leukemia and many more.*



## + The Umbilical Cord. The Cord of Life

During pregnancy the umbilical cord is the child's lifeline. After birth that same cord can become the lifeline for the entire life.

While stem cells are found in different parts of our body, recent research has proven that umbilical cord is the richest source of stem cells. Cord lining contains unique and powerful stem cells that may repair and heal the body in different ways than cord blood.

These stem cells have demonstrated immense capability in aiding the repair of injured tissues and organs as well as regenerate them when they wither due to aging, illness or accident.

### + Diseases Treated with Cord Tissue:

- Diabetes
- GVHD (Graft vs Host)
- Osteoarthritis
- Crohn's disease
- COPD (Chronic Obstructive Pulmonary Disease)
- Cardiac Arrhythmia
- Ischemia

### + Why preserving umbilical Stem Cells, can be life saving

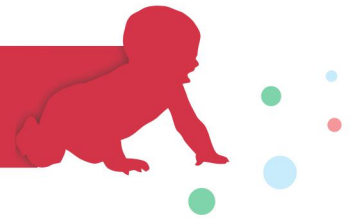
- Once in a life time opportunity to protect/ insure your baby's future
- Umbilical cord blood stem cells are genetically unique and are perfect genetic match for the same child. At the same time it may also be useful for siblings and/her/his parents
- Umbilical cord blood stem cells are considered the 'freshest' and the 'youngest' stem cells available, thus decreasing risk of transmission of infectious diseases
- These stem cells when preserved under cryogenic conditions have potentially no expiry date and hence have a lifetime of benefit
- In transplants, umbilical cord stem cells pose a lower risk of rejection in transplants
- Medical boon for the families having history of malignancies, blood related disorders or immune deficiency disorders

*By storing cord blood and cord lining stem cells, you are preserving unique biological resources that are equivalent to a 'self-repair kit' for your child and possibly, other family members.*





## The best bank for life's blank cells



Stem cells are nature's insurance policy a child is born with. At Indu Stem Cell Bank, we preserve that policy for a lifetime.

Stem cells from the umbilical cord can be collected easily through a simple, non-invasive process without any harm to either mother or baby. The stem cells from the umbilical cord blood and cord tissue collected at the time of birth are preserved in  $-196^{\circ}\text{C}$  cryogenic conditions.

This process is referred as umbilical cord stem cell banking.



### Advantages of Cord Blood Stem Cells:

1. Safe & painless collection procedure
2. Cord blood contains approximately 10 times higher quantity of Stem Cells as compared to those in Bone Marrow
3. Low/No Contamination
4. Highest regeneration as well as proliferation potential
5. Cord Blood contains blood forming Stem Cells while Cord Tissue Contains organ forming Stem Cells.



## + Stem Cell Banking

Indu Stem Cell Bank is a venture of "Best Well Care Management Services Pvt. Ltd." bringing world class experience in the field of Stem Cell Banking. We ensure a simple, systematic and hassle free stem cell collection and storage process.

01

### Enrolment:

Sign up for umbilical stem cell banking as early as possible during pregnancy and receive the collection kit



02

### Collection:

The stem cell collection is done through a simple and safe 10-minute procedure after childbirth



03

### Transportation:

The collected sample is safely transported to our bank through a personalized logistics chain



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### Processing:

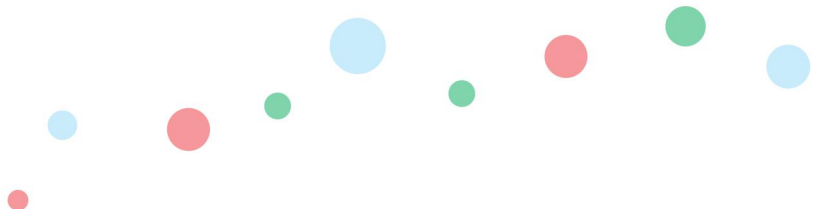
The stem cells are tested and isolated under stringent conditions and stored in purpose-built containers



05

### Preservation:

Stem cells are safely preserved at  $-196^{\circ}\text{C}$  in a safe and secure environment





## Conditions That Can Be Treated With Stem Cells

|   |   |
|---|---|
| • Stroke                                | • Atherosclerosis                         |
| • Traumatic brain injury                | • Breast Cancer                           |
| • Learning defects                      | • Bronchial Asthma                        |
| • Alzheimer's disease                   | • Chronic Lymphocytic Leukemia (CLL)      |
| • Parkinson's disease                   | • Chronic Myelogenous Leukemia (CML)      |
| • Missing teeth                         | • Congestive Heart Failure                |
| • Myocardial infarction                 | • Depression                              |
| • Muscular dystrophy                    | • Diabetes                                |
| • Wound healing                         | • Fanconi Anemia                          |
| • Osteoarthritis / Rheumatoid arthritis | • Gaucher's Disease                       |
| • Spinal cord injury                    | • Hunter's Syndrome (MPS-II)              |
| • Crohn's disease                       | • Hurler's Syndrome (MPS-IH)              |
| • Baldness                              | • Multiple Myeloma                        |
| • Blindness                             | • Multiple Sclerosis                      |
| • Deafness                              | • Osteopetrosis                           |
| • Amyotrophic lateral-sclerosis         | • Severe Combined Immunodeficiency (SCID) |
| • Bone marrow transplantation           | • Sickle Cell Disease                     |
| • Multiple sites cancers                | • Beta Thalassemia Major                  |
| • Diabetes                              | • Leukocyte Adhesion Deficiency           |
| • Acute Biphentotypic Leukemia          |   |
| • Acute Lymphoblastic Leukemia (ALL)    |   |
| • Plasma Cell Leukemia                  |   |
| • Renal Cell Carcinoma                  |   |
| • Acute Myelogenous Leukemia (AML)      |   |



## + Advantages of Banking with Indu Stem Cell Bank

### + Strong Credentials

Indu Stem Cell Bank, founded by "Best Well Care Management Services Pvt. Ltd." is a private limited company. Our sister concern Indu Health Research Foundation is engaged in Blood Banking, sickle cell screening and Training & Education for more than 20 years now.

### + Transparency

Availability for clients to observe whole process or cells after completion of process through CCTV.

### + Large Storage

Local collection storage and delivery set up ensures maximum viability of the collected cells and reduces risk of cell mortality during transportation to various places.

### + Superior Infrastructure

Facility equipped with continuous power supply and back-up system along with continuous liquid nitrogen supply to ensure viability of precious stem cells.

### + Quality

Over 200 SOPs and quality controls are in place and utilized to process every single UCB unit to ensure best quality. Laboratory maintains stringent quality control procedures to ensure best results along with customer satisfaction.

### + Peace of Mind

Value added services like continuous updates through email and/or posts. 24X7 availability of contact person / counselor for personal questions / queries.

### + Easy on the Wallet

Most attractive rates among others providing same facility along with flexible payment options and Bank loan Availability options for our valuable clients.

### + Insurance

Rs. 10 lakh insurance in case of non-viability of preserved unit and when Indu Stem Cell Bank cannot find a matching donor.