



Cells4Life
the experts in stem cell processing

Your Complete Guide to Cord Blood Banking

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Your family's future health

For over 30 years, cord blood stem cells have been used to transform and save thousands of lives.

They have the incredible power to heal, regenerate and replace damaged tissue within the human body, restoring function lost as a result of injury or illness.

The power of stem cells lies in their unique ability to become other cell types within the human body: blood, nerve, muscle, cartilage and many more. Stem cell therapies harness this power to help the body to repair itself.



Stem cells - the future of medicine

Stem cells have already been used in over 1,000,000 transplants worldwide.

They are critical for the treatment of over 80 blood and immune diseases and aid with cancer recovery on a routine basis.

Now, the most exciting breakthroughs are happening in regenerative medicine. This revolutionary science aims to repair or replace human cells and tissues, restoring the body to normal function.

Within your baby's lifetime, scientists expect regenerative therapies to offer cures for conditions that are untreatable today. We're on the verge of turning science fiction into reality, with the prospect of developments like:

- Growing new organs for transplant.
- Restoring sight to the blind.
- Repairing spinal cord injuries to help people walk again.



Not only have stem cells been used to save millions of lives since 1956, they are now considered to be the future of medicine.

Transplant medicine

Hematopoietic stem cells (HSCs) can transform into any type of blood cell, which is why they are critical to the routine treatment of many blood cancers and immune disorders:

Blood cancers

Leukaemia
Lymphoma
Myeloma

Metabolic disorders

Krabbe Disease
Hurler Syndrome

Solid tumours

Neuroblastoma

Immune disorders

Severe combined immunodeficiency (SCID)
Wiskott-Aldrich Syndrome

Blood disorders

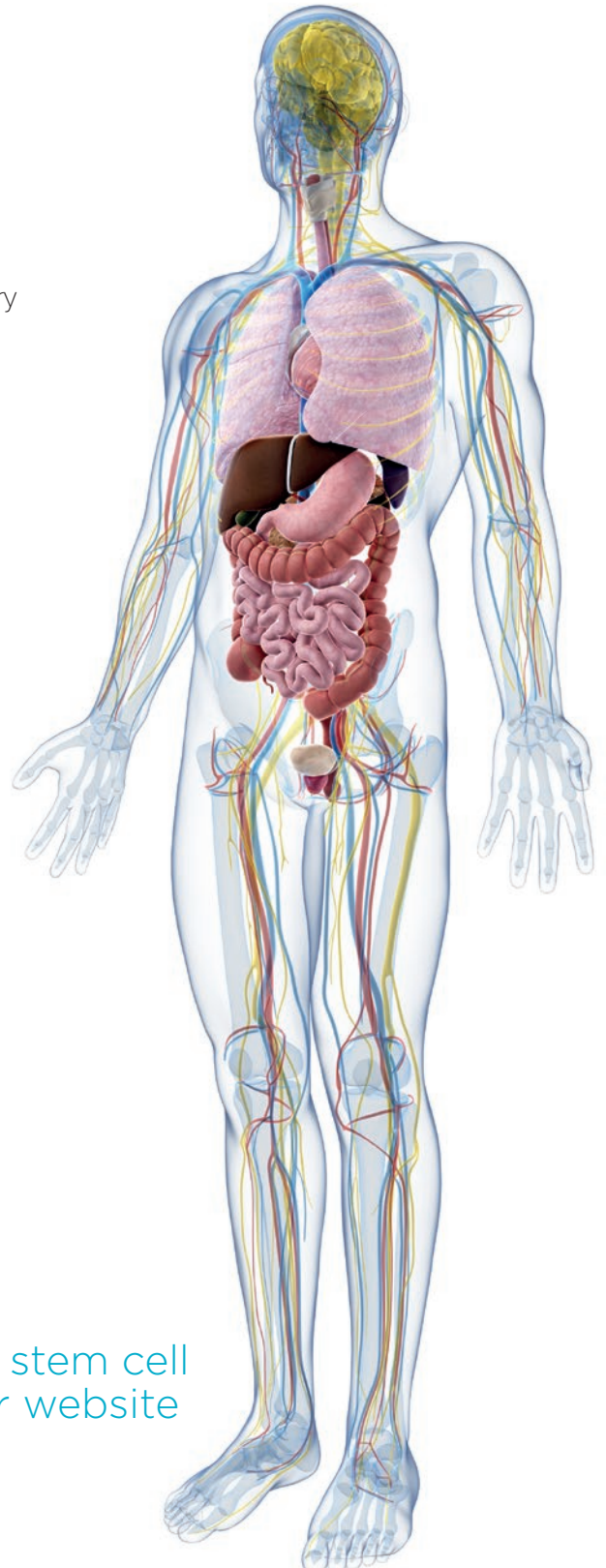
Sickle Cell Anaemia
Aplastic Anaemia
Fanconi Anaemia

Regenerative medicine

This groundbreaking field uses stem cells to repair and regenerate damaged tissue, paving the way for extraordinary medical advances within your child's lifetime. In fact, clinical trials are currently underway for a vast range of conditions, including:


Cancer
Brain damage
Multiple sclerosis
Cerebral palsy
Cystic fibrosis
Crohn's disease
Bone fractures
Arthritis
Heart attack
Hearing loss
Liver disease
Lung disease
Spinal cord injury
Alzheimer's disease
Parkinson's disease
Tendon and ligament injury
Burns
Diabetes
Stroke
Autism

And many more...



Treatment of brain injury is the leading use of family banked cord blood.

Read more about stem cell treatments on our website cells4life.ae

A newborn baby is lying on a teal cloth, with their eyes closed and a peaceful expression. In the background, another baby's hands are visible, reaching towards the first baby. The overall scene is soft and intimate, set against a teal background.

What makes my
baby's cord blood
stem cells so
special?

The youngest, purest and most potent stem cells your baby will ever have.

Your baby's own stem cells offer three unique benefits:

- **Powerful & Versatile:** The youngest, most adaptable cells they will ever have, giving the potential to treat an incredible range of conditions.
- **A Perfect Match:** Eliminates the risk of rejection for your child, providing a pure and safe source for potential treatments on demand.
- **A Family Safeguard:** Offers a 1-in-4 chance of being a perfect match for a sibling and partial match for parents, extending a lifetime of security to your growing family.

Cord blood stem cells are simply far too precious to waste.



Protect your baby's future, today

By saving your baby's cord blood the day they are born, you could help protect their health for the rest of their life.

Your baby could be part of the first generation to live beyond 100. Imagine the number of conditions that we will be able to treat using stem cells within their lifetime.

There are currently over 7,500 clinical trials investigating the use of stem cells in regenerative therapy to treat a vast array of diseases—conditions that may not begin to affect your baby until they are heading into old age.

These include:

- Stroke
- Alzheimer's disease
- Arthritis
- Diabetes
- Cancer
- Heart disease
- Hearing loss
- Parkinson's disease
- Macular degeneration
- Osteoporosis







The world's best performing service

Three times more stem cells when you upgrade to **CellsPlus**

Number of cells is crucial. It determines:

1. The size of patient a cord blood sample could treat
2. The number of treatments it could be used for

The more cells the better.

Unique to Cells4Life, our **CellsPlus** service provides 2–3 times more stem cells at the point of treatment than any other method.

This means that any stem cell treatments they need as they head into adolescence and adulthood are more likely to be successful, and that the sample may be used multiple times through their life.

Your baby's stem cells could be so important—why risk throwing them away?

Unique to Cells4Life

Your baby's stem cells are so precious.
They could save their life.

That is why we have designed everything from our systems and processes to the range of services we offer and even the way we store your baby's cord blood, to give your child access to the best treatment opportunities available.



More stem cell types than any other bank

Store stem cells from cord blood, cord tissue, amnion and placenta cells as well as mum's stem cells. Maximising future treatment possibilities.

100% delayed cord clamping compatible

3X more stem cells with **CellsPlus** means small samples are just as useful as larger samples processed another way.



Multiple treatments

All samples are stored across multiple therapeutic units as standard enabling more than one treatment if needed.

24/7 365 days per year service

We know that your baby could come at any time, day or night, which is why all of our services operate 24 hours per day, on every single day of the year.



Go beyond cord blood. Protect your whole family.

While other banks stop at blood and tissue, Cells4Life gives you the most complete protection available.

For your baby

Give your child the most diverse collection of stem cells, unlocking access to the widest range of current and future therapies.

- **Cord Blood:** The foundation of stem cell banking. FDA-approved today for treating 80+ conditions, including cancers, anaemias, and immune disorders.
- **Cord Tissue:** The regenerative powerhouse. These cells are the focus of thousands of clinical trials for healing the body and potentially treating conditions like arthritis, diabetes, and brain injury.
- **Amnion & Placenta:** The cutting edge of medicine. Packed with unique cells, these tissues are being studied to heal wounds, repair organs, and treat conditions from stroke to heart disease.

For mum

Preserve stem cells from the maternal side of the placenta for your own long-term wellness. These stem cells are a 100% perfect match for you, with zero risk of rejection.

Why bank for yourself?

Your Personal Health Tool: Preserve your own unique stem cells for your future.

A Perfect Match: Your cells are your cells. They can be used to explore regenerative therapies for your own health needs as you age.

The Forefront of Wellness: These cells are being researched for their potential for skin rejuvenation, inflammatory disorders, and anti-ageing therapies.



What our customers say

Here, some of our families share their experiences of banking cord blood with Cells4Life:

“At the international level, you witness the magic that stem cells can do for injuries. When we found out that cord blood was the best source of stem cells Hinaya could have, we knew we had to do this for her.”



Harbhajan Singh & Geeta Basra

Indian International Cricketer and Bollywood Actress

“Our eldest son Jay has cerebral palsy and like any mother, I will do everything possible to make life better for him. We discovered that cord blood stem cells could help treat his condition and we are eternally grateful to Cells4Life, not only for the support they provided when storing my younger son’s cord blood, but also for going out of their way to help promote our fundraising efforts for Jay’s pioneering treatment.”



Shilpa Shetty

Used cord blood to treat cerebral palsy in 2018

“The service I received was brilliant. The sign up process was very quick, which I appreciated since it wasn’t long until my due date. Everyone I dealt with was very friendly and happy to answer all my questions. They couldn’t have been more helpful and were extremely professional throughout.”



Zoe Gillings-Brier

Olympic Snowboarder

“As a family we are so happy we went ahead and worked with Cells4life. It goes without saying that the birth of a child is all consuming but on the day they made it a simple and non-intrusive process.”



Dave Berry

Radio presenter



“Cord blood banking is an investment into the future of our new family. Stem cell storage was always part of our long term plan but after completing our research into my own condition and learning what it is that makes cord blood stem cells so special, I knew immediately that we made the right decision. This is all about safeguarding the future of our new family and ensuring that we can all live a normal, happy life. As new stem cell therapies develop, I’m confident that our decision will enable my family and I to make the most of them.”



Georgia Woods

Mom of two

“I knew it was something we had to do. Leo’s stem cells are now stored and ready should he ever need them. It was reassuring to know that they may even be a match for his big sisters if ever they were ill.”



Kim Bromwich

Paediatric Surgical Nurse & Mom of four

“My friend had recommended Cells4Life as a reliable and trustworthy cord blood bank. As soon as I read into the service there was no way I wouldn’t use this for the future health of my baby and family. What is on offer is incredible and their service is second to none. I was so impressed with the entire team and cannot recommend them and the benefits of umbilical stem cell blood bank storage enough. This is potentially life changing for you and your family.”



Naomi Isted

Style and Beauty Presenter & Columnist

“I have used C4L a total of 3 times! I’ve had a natural with epidural birth, water birth with gas and air and a caesarean birth and I can honestly say with each birth the process of cord blood collection was so easy!”



Catherine McCormack

3x Cells4Life customer

Cord blood changes lives

The decision to bank cord blood is an act of hope for the future. For hundreds of families, that hope has become a reality.

Jamie's son, autism

Years after banking their son's cord blood with Cells4Life, that forward-thinking decision provided a new path forward following his autism diagnosis.

That path led them to the renowned Duke University in 2018, where he received a life-changing infusion of his own stem cells.

"If, on an effort scale of 1 to 10, we spent 8 managing his autism before the stem cells, we now spend less than 3," says his mother, Jamie. "To us that's really something."



Experience you can trust

Year	Treatment Centre	Medical Condition	Sample Provided	Recipient
2012	Imperial Trust, UK	Blood disorder	Cord blood	Sibling
2012	Duke University, USA	Cerebral injury	Cord blood – sufficient for two treatments: further cord blood remains in storage with Cells4Life	Donor
2013	Imperial Trust, UK	Leukaemia	Cord blood	Sibling
2014	Guy's & St. Thomas', UK	Epidermolysis bullosa	Cord tissue	Sibling
2015	Duke University, USA	Acquired brain injury	5ml cord blood (treatment 1)	Donor
2015	Duke University, USA	Acquired brain injury	5ml cord blood (treatment 2)	Donor
2016	Duke University, USA	Acquired brain injury	5ml cord blood (treatment 3)	Donor
2016	Duke University, USA	Perinatal stroke	Cord blood	Donor
2017	Duke University, USA	Autism	Cord blood	Donor
2018	Duke University, USA	Cerebral palsy	Cord blood	Sibling
2018	Duke University, USA	Autism	Cord blood	Donor
2018	St Mary's London, UK	Diamond-Blackfan Anaemia	Cord blood	Sibling
2018	Duke University, USA	Autism	Cord blood	Donor
2021	Duke University, USA	Cerebral palsy	Cord blood	Sibling
2021	Duke University, USA	Cerebral palsy	Cord blood	Sibling
2022	Medanta Hospital, India	Beta Thalassemia Major	Cord blood	Sibling
2022	Duke University, USA	Dystonic Cerebral Palsy	Cord blood	Sibling
2023	Nemocnica Malacky (Malacky Hospital), Slovakia	Autism	Cord blood	Sibling
2023	Mardaleishvili Medical Centre, Georgia	Autism	Cord blood	Donor
2023	Duke University, USA	Cerebral Palsy	Cord blood	Sibling
2024	Duke University, USA	Cerebral Palsy	Cord blood	Sibling
2025	Mardaleishvili Medical Centre, Georgia	Autism	Cord blood	Sibling

Peace of mind, every step of the way

Cord blood banking could not be easier

We've designed our cord blood banking process to be simple, seamless, and completely safe, with no interference with your birth plan or those precious first moments with your newborn.

Collections are compatible with all birth options—including caesarean section, natural, home and water births, as well as placenta encapsulation.

What's involved?



Accreditations



Association for the
Advancement of
Blood & Biotherapies



مدينة دبي الطبية
Dubai Healthcare City

Call 058 516 5494
to get started
or visit
cells4life.ae





Cells4Life.ae

For all general enquiries please contact our
customer support team on:

058 516 5494

Alternatively you can email us: enquiry@cells4life.ae



Cells4Life



@Cells4Life.UAE

Supporting scientific documentation can be found at:
cells4life.ae/references

Printed June 2026