



Your baby's umbilical cord could save the life of someone in your family

Your baby's umbilical cord is a valuable source of stem cells which can be collected and stored. These cells may be used as a crucial part of treating or curing an illness.

Pregnancy and starting a family are full of special moments that you don't want to miss.

You only have one chance to store your baby's cord blood



What are stem cells?

Stem cells are biological cells found in the body. They have the remarkable potential to develop into many different cell types such as blood, bone, tissue and organ cells.



What are stem cells used for?

A cord blood stem cell transplant can be used to replace diseased cells with healthy new cells.



Why store stem cells?

Cord blood stem cells are used to treat more than 80 diseases including Thalassaemia, Leukaemia and Metabolic Disorders.

Your baby's stem cells can also potentially match and treat their siblings or parents if required.

At Smart Cells we store stem cells found in the umbilical cord blood and tissue.

Smart Cells were incorporated in July 2000

Smart Cells hold a licence with the Human Tissue Authority to process and store your child's stem cells
We have our own state of the art laboratory and storage facility in the UK based near Heathrow Airport

There have been more than 700,000 cord blood collections around the world

50,000
hematopoietic stem cells
transplants are undertaken per year



400-500
of these transplants are in Europe

Smart Cells have released 19 cord blood stem cell units for clinical use, **more samples than any other private cord blood company in the UK**. These have been shipped to 6 countries around the world.



19 samples
released for transplant



6 countries
shipped to

This significant milestone for the private cord blood storage industry highlights the advances being made in stem cell research and puts a spotlight on a service that many parents-to-be are still unaware of.



The potential for stem cells to replace damaged cells and tissues is an exciting one and stem cells are currently being used to **treat more than 80 diseases**. We have released samples for **treatment of 7 different diseases**.

○ ○ ○ ○ ○ ○ Cerebral Palsy

○ ○ ○ ○ Leukaemia

○ ○ ○ ○ Thalassemia

○ ○ Hypoxic Ischemic Encephalopathy (HIE)

○ HSV Encephalitis

○ Severe Combined Immune Deficiency

○ Sickle Cell Disease

All our transplant information can also be found on:
www.smartcells.com/baby/our-transplants

Contact us: 01895 424430 **uk@smartcells.com**