

ovobiosurance

family stem cell bank



aa Accredited

cliniqueovo

A STRONG DECISION FOR A HEALTHY FUTURE

As parents, we always want to be sure we do everything for our children to help them build a strong and healthy future.

At **ovo biosurance** we truly believe that cord blood banking is an excellent opportunity to give your child the chance for a better future.

Our mission is to provide you with accurate and current information, regarding stem cell uses.



OVO BIOSURANCE AT YOUR DISPOSITION SINCE 2008



Professional assistance available to answer your questions



Laboratory staff-in-house on-call 365 days per year



Transportation by our accredited medical courier



Bed side pick-up



Processing the cord blood sample within 48 hours



With Peristem™, we offer a dual storage system for your security



WHAT ARE STEM CELLS?

Stem cells are the body's "master" cells with 2 main abilities:

- 1- To renew themselves through cell division
- 2- To become another type of cell with a more specialized function, such as a muscle cell, a red blood cell, or a brain cell; which are able to replace damaged tissues.

ONCE IN A LIFETIME OPPORTUNITY A UNIQUE OCCASION

The collection of the umbilical cord blood during delivery is crucial since it is a source extremely rich in stem cells. Their capacity of multiplying and their immature immunological state make these cells very unique and interesting.

These stem cells will disappear from the baby's circulatory system 2 to 3 days after their birth.



HOW IS MY BABY'S CORD BLOOD COLLECTED?

Collecting cord blood is a **simple**, **safe** and **painless** procedure that usually takes less than ten minutes. Cord blood is collected immediately after your baby is born and after the umbilical cord has been clamped and cut. The collection procedure can be performed after vaginal or cesarean births by the doctor or the midwife.





HOW MANY DISEASES CAN BE TREATED WITH STEM CELLS?

Since the first successful umbilical cord blood stem cell transplantation in 1988, we have now seen approximately **42,000 transplants** in total (according to Parent's Guide to Cord Blood Foundation 2015).¹

The list of diseases is expanding every year, and to date there are more than 80 diseases that could be treated with stem cells.

CAN THE STEM CELLS OF YOUR BABY BE USED FOR ANOTHER FAMILY MEMBER?

The stem cells that are obtained at the delivery are 100% compatible with your child. Depending on the compatibility, these stem cells may be used for other family members like sisters and brothers.



FUTURE TREATMENTS STEM CELL THERAPY IN REGENERATIVE MEDICINE

Regenerative Medicine is a rapidly growing field of biomedicine that seeks to create substitute tissues and organs for the human body, to repair or replace those whose function is lost through illness, injury, aging or congenital anomaly. This list includes:

- Type 1 and 2 diabetes
- Cerebral palsy
- Bone repair
- Organ transplant
- Autism
- Heart disease
- Parkinson's disease
- Alzheimer disease
- Autoimmune disease
- Crohn's disease

1. <http://parentsguidecordblood.org>





THE STEP BY STEP GUIDE TO GET REGISTERED

DURING THE PREGNANCY

At any time during your pregnancy, you may contact **ovo biosurance**, to register for one of our information sessions or to talk directly with one of our specialists.

STEP 1 - We will send you the registration forms that you need to complete.

STEP 2 - During the 3rd trimester and after payment, a collection kit will be given to you. You must keep the kit at room temperature until the day of delivery.

DAY OF DELIVERY

STEP 3 - On the day of your delivery, you must bring the collection kit with you to the hospital and confirm that your doctor is aware of your wishes to bank the umbilical cord blood stem cells.

ovo biosurance will provide simple and precise instructions for the health care professionals explaining the steps for an optimal collection. A maternal blood sample must also be drawn after the delivery.

STEP 4 - After the collection, you simply call us and our accredited medical courier will pick up the kit from the hospital.

AFTER DELIVERY

STEP 5 - When the kit reaches our laboratories, we will begin the cryopreservation tests and processes.

STEP 6 - A few weeks after the delivery of your baby, we will send you a report with the final results of your cord blood sample.





PERISTEM^{MD}

EXCLUSIVELY AT OVO BIOSURANCE

The studies have shown that the tissues surrounding the blood vessels of the umbilical cord are rich in mesenchymal stem cells which can be used to regenerate structural tissues in the human body such as bones, cartilages, muscles, fibrous and adipose tissues.

WHAT IS PERISTEMTM?

PeristemTM allows the parents to store a part of the umbilical cord as well as the cord blood.

Once the umbilical cord is drawn, a health care professional will also collect about 40 cm of the umbilical cord and place it in a provided container.

The PeristemTM will be transported to the stem cell bank at the same time as the umbilical cord blood.

*AABB accreditation does not cover the PeristemTM service



OVO

BIOSURANCE

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