UMBILICAL CORD STEM CELLS

netcells® BIOSCIENCES

YOUR BABY'S UMBILICAL CORD CONTAINS MILLIONS OF PRICELESS STEM CELLS ... DON'T LET THEM GO TO WASTE.

AABB Accredited

www.netcells.co.za

Collect your baby's umbilical cord blood and tissue stem cells at birth and have these cryogenically frozen and stored for potential future medical use.

What are stem cells

Stem Cells are the original building blocks of life which differentiate into all the specialised cells that make up the human body (skin, blood cells, muscle, bones, nerves etc).

Where are stem cells found?

Haematopoietic and Mesenchymal Stem cells are abundant in the umbilical cord blood and umbilical cord tissue. The collection of the umbilical cord blood and tissue at birth is free of moral, ethical or religious concerns, as the umbilical cord and placenta are normally discarded as medical waste.

What illnesses can stem cells treat?

- Cord blood contains haematopoietic stem cells that are used to treat a number of blood related diseases. These stem cells are routinely being used in transplants to regenerate bone marrow, treating diseases such leukaemia, lymphoma, thalassemia, Fanconi's anemia and sickle cell anemia.
- Cord tissue contains mesenchymal stem cells, that are being employed in both research and clinical environments for a variety of aesthetic and medical conditions, that include skin regeneration, neurology (Motor Neuron Disease, Multiple Scelrosis), orthopaedics (cartilage and bone repair), sports injury (cartilage and ligament repair); cardiology (heart muscle regeneration) and many other areas.

Who can use the stem cells?

Stem cells represent a perfect match for the baby from whom they've been collected and pose no risk of rejection if transplanted.

There is also a good possibility that the stem cells will be a suitable match for a sibling (1 in 4).

What are the chances of you needing the stem cells?

The likelihood of your child contracting a life-threatening disease is not high and hopefully you will never need the stem cells. However, as medical science progresses and more diseases become treatable using stem cells, the likelihood of them being required during your lifetime will increase.

6 Great Reasons to Choose Netcells

- Netcells is the only stem cell bank on the continent to be internationally accredited for the processing and storage of stem cells.
- Netcells pricing is all-inclusive and includes the maternal blood tests as well as the storage fees for the first ten years.
- Netcells offers affordable interest free payment plans (from as little as R278 per month) with no upfront administration fees.
- Netcells is a truly South African company and its independent international partner is Smart Cells International, who will ensure the ongoing storage of the stem cells in the unlikely event of anything happening to Netcells.
- Netcells has consultants across South Africa who personally meet with you, to handover the collection kit and take you through the process.
- Netcells is at the forefront of cellular technology and also processes and cryogenically stores peripheral blood stem cells, adipose tissue stem cells, semen, heart valves and amnion. Netcells has successfully released hundreds of these units for transplant.

Netcells' Service Offering:

- Umbilical Cord Blood & Tissue Stem Cell Banking
- Peripheral Blood Stem Cell Banking
- Adipose Tissue Stem Cell Banking
- Tissue Banking: Amniotic Membranes
- Semen Cryopreservation
- Tissue Banking: Heart Valves

BABY CITY We know you care! www.babycity.co.za

Discovery Health

Bloemfontein	082 443 6175
Cape Town (North)	082 893 9501
Cape Town (South)	082 893 9509
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Durban (North Coast)	082 893 9502
East London	082 893 9504
Johannesburg North	082 893 9508
Johannesburg East and South	082 893 9506
Johannesburg West	082 893 9505
Nelspruit	071 660 5238
Newcastle	082 828 9302
Polokwane	072 446 6560
Port Elizabeth	082 893 9500
Pretoria	082 893 9503
Secunda, Witbank & Middelburg	082 870 8542
Tzaneen	083 964 6463

For countries outside of South Africa please contact Head Office.

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smartCells
Storage in the UK

www.netcells.co.za

NAELSTRING STAMSELLE

netcells® BIOSCIENCES

JOU BABA SE NAELSTRING BEVAT MILJOENE KOSBARE STAMSELLE ... MOENIE DAT DIT VERLORE GAAN NIE.

AABB Accredited

www.netcells.co.za

Neem jou baba se naelstringbloed en weefselstamselle tydens geboorte, en laat dit kriogenies verkoel en geberg word met die oog op potensiële mediese gebruik in die toekoms.

Wat is stamselle?
Stamselle is die oorsprong waaruit lewe spruit; dit differensieer en vorm gespesialiseerde selle (vel, bloedselle, spiere, bene, senuwees, ens.) waaruit die menslike liggaam bestaan.

Waar kry 'n mens stamselle?
Hematopoiëtiese en mesenchimale stamselle kom oorvloedig in die bloed en weefsel van die naelstring voor. Die neem van naelstringbloed en -weefsel tydens geboorte bied nie morele, etiese of godsdienstige kwelpunte nie, aangesien die naelstring en plasenta gewoonlik as mediese afval weggegooi word.

Watter siektes kan met stamselle behandel word?

- Naelstringbloed bevat hematopoiëtiese stamselle, wat gebruik word om 'n aantal bloedverwante siektes te behandel. Hierdie stamselle word gewoonlik tydens oorplantings gebruik om beenmurg te vernuwe, en siektes soos leukemie, limfoom, talassemie, Fanconi se anemie en sekelselanemie te behandel.

- Naelstringweefsel bevat mesenchimale stamselle, wat in navorsing en die kliniese sfeer gebruik word vir 'n verskeidenheid estetiese en mediese toestande, wat velvernuwing, neurologie (motorneuronsiekte, meervoudige sklerose), ortopedie (kraakbeen- en beenherstel), sportbeserings (kraakbeen- en ligamentherstel); kardiologie (hartspiervernuwing) en baie ander terreine insluit.

Wie kan stamselle gebruik?
Stamselle is perfekte pasmaats vir die baba van wie af dit geneem is, en hou geen verwerpingsrisiko in indien dit oorgeplant word nie.

Daar is ook 'n goeie kans (1 uit 4) dat die stamselle geskik sal wees vir 'n broer of suster.

Hoe groot is die kans dat jy stamselle gaan nodig kry?
Die kans dat jou kind 'n lewensbedreigende toestand gaan opdoen, is nie groot nie, en hopelik kry jy nooit die stamselle nodig nie. Namate die mediese wetenskap egter vooruitgaan, en hoe meer die siektes wat met stamselle behandel kan word toeneem, hoe groter word die kans dat jy dit in jou leeftyd gaan nodig kry.

Ses belangrike redes om Netcells te kies

- Netcells is die enigste stamselbank op die kontinent wat internasionaal geakkrediteer is om naelstringbloedstamselle te verwerk en te berg.
- Netcells se tariewe is inklusief en sluit bloedtoetse vir die moeder, asook bergingsfooie vir die eerste tien jaar in.
- Netcells bied bekostigbare, rentevrye betalingsprogramme (vanaf slegs R278 per maand), met geen voorafbetaalbare administrasiefooie nie.
- Netcells is 'n eg Suid-Afrikaanse maatskappy en sy onafhanklike, internasionale vennoot is Smart Cells International, wat die berging van die stamselle sal verseker indien Netcells dit weens onvoorsiene omstandighede nie kan doen nie.
- Netcells het konsultante regoor Suid-Afrika wat jou persoonlik sal kom sien om die versamelstel aan jou te oorhandig en jou deur die proses te begelei.
- Netcells is op die voorpunt van seltegnologie en hanteer ook die verwerking en kriogeniese berging van die volgende: perifere bloedstamselle, vetweefselstamselle, semen, hartkleppe en amnion. Netcells het honderde hiervan suksesvol vir oorplanting vrygestel.

Bloemfontein	082 443 6175
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Vir lande buite Suid Afrika, skakel gerus die Hoof Kantoor.

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