

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

What are stem cells

Stem Cells are the original building blocks of life which differentiate into all the specialized 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 and placenta. This makes the collection of the umbilical cord blood and tissue at birth a once-in-a-lifetime opportunity that is free of moral, ethical or religious concerns, as the umbilical cord and placenta are normally discarded.

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 as leukaemia, lymphoma, thalassaemia, fanconi's anemia and sickle cell anemia.
- **Cord tissue contains mesenchymal stem cells** which can be used to regenerate muscle, bone, nerve and other connective tissues. The therapeutic uses of these stem cells are still being researched but so far results have been encouraging in the potential treatment of diabetes, heart tissue regeneration, corneal and retinal reconstruction, spinal cord injuries, multiple sclerosis, Parkinson's disease.

Who can use the stem cells?

Cord Blood stem cells represent a perfect match for the baby whose cord blood stem cells have been collected, with no risk of rejection if transplanted. There is also an excellent possibility that the stem cells will be a suitable match for a sibling (1 in 4) or a parent (1 in 8).

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. With all the current research being undertaken, it is likely that retrievals will increase in the future as more diseases become treatable through stem cell therapy.

Why should I consider Netcells to store my baby's stem cells?

- Netcells is accredited with the American Association of Blood Banks, which gives assurance that stem cells processed in our laboratory will be accepted by transplant centres across the world.
- Netcells has an affiliation with Smart Cells International (UK's longest established stem cell company) and in the unlikely event of anything happening to Netcells, Smart Cells will take over storage of the stem cells.
- Netcells takes extreme measures to protect your baby's stem cells. Not only are your baby's stem cells insured with us, we additionally have sophisticated technology to monitor our facility and equipment, a fire detection & suppression system, 24 hr camera surveillance, fingerprint access control, UPS and a generator.
- We offer life-time storage and there are no annual storage fees for the first 10 years.
- Affordable interest-free payment plans.
- Consultants in all major centers in South Africa to personally meet with you, take you through the process and answer all your questions.



One of our new cryogenic storage tanks, Midrand, Johannesburg



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



24 Hour emergency and information

084 664 4646

Bloemfontein	084 664 4646
Cape Town (North)	082 893 9501
Cape Town (South)	082 893 9509
Durban	082 893 9507
Durban (North Coast)	082 893 9502
East London	082 893 9504
Johannesburg (East)	082 870 8542
Johannesburg (North)	082 893 9508
Johannesburg (South & West)	082 893 9506
Pietermaritzburg	082 893 9505
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Samel u baba se naelstring bloed en weefsel stamselle met geboorte in en laat ons dit vir u kriogenies bewaar vir moontlike toekomstige mediese gebruik.

Wat is stamselle?

Stamselle is die oorspronklike boublokke van lewe wat differensieër in al die gespesialiseerde selle waaruit die menslike liggaam bestaan (vel, bloedselle, spiere, gebeente, senuwees ens).

Waar kom stamselle voor?

Bloed stamselle en ook Mesenchiem stamselle is in oorvloed teenwoordig in die naelstring en plasenta. Om hierdie rede is die insameling van naelstringbloed by geboorte 'n eenmalige en kosbare geleentheid. Dit hou geen morele, etiese of godsdienstige besware in nie, aangesien daar in elk geval met die naelstring en die plasenta kort na geboorte weggedoen word.

Watter siektetoestande kan met stamselle behandel word?

- **Naelstringbloed is ryk aan stamselle wat oor bloed eienskappe beskik** en kan gebruik word om verskeie bloedverwante siektes te behandel. Hierdie stamselle word gebruik om die vorming van beenmurg te stimuleer en word gebruik in die behandeling van verskeie siektes soos leukemie, limfoom, talassemie, fanconi se anemie en ook sekelsel anemie.
- **Naelstringweefsel bevat mesenchiem stamselle** wat gebruik kan word om spier, been, senu- en bindweefsel te regeneer. Die terapeutiese gebruik van hierdie tipe stamselle word nog nagevors, maar sover bekend is daar belowende potensiaal vir die behandeling van diabetes, hartweefsel regenerasie, kormeale en retinaal re-konstruksie, spinale koord beserings, veelvuldige sklerose en Parkinson se siekte in die toekoms.

Wie kan stamselle gebruik?

Die baba se eie koord bloed stamselle is volledig verenigbaar met geen risiko van weefsel verwerping tydens oorplanting nie. Daar is ook 'n uitstekende moontlikheid dat die stamselle deur 'n broer of suster (1 in 4) of 'n ouer (1 in 8) gebruik kan word.

Hoe groot is die moontlikheid dat u die stamselle nodig sal kry?

Die moontlikheid dat u kind 'n lewensbedreigende siekte opdoen is nie groot nie en hopelik sal u die selle nooit nodig kry nie. Te danke aan al die navorsing wat tans onderneem word, is dit moontlik dat stamselgebruik wel in die toekoms sal toeneem namate meer siektes met stamselle behandel kan word.

Hoekom moet ek Netcells oorweeg om my baba se stamselle te stoor?

- Netcells is geakkrediteer by die Amerikaanse Assosiasie vir Bloed Banke, wat die versekering gee dat stamselle wat geprosesseer word in ons laboratorium wereldwyd aanvaar sal word deur mediese sentrums wat oorplantings doen.
- Netcells word geaffilieer met Smart Cells International, die oudste gevestigde stamsel maatskappy in die Verenigde Koninkryk, en in die onwaarskynlike geval dat enige iets met Netcells gebeur, sal Smart Cells die storsing van die stamselle oorneem.
- Netcells neem uiterste stappe om seker te maak dat u baba se stamselle beskerm word. Nie net is u baba se stamselle by ons verseker nie, maar ons het ook ekstra gesofistikeerde tegnologie om ons fasiliteite en toerusting te monitor, 'n vuur opsporing en onderdrukkingsstelsel, 24 uur kamera sekuriteit, vingerafdruk ingang kontrole, UPS en 'n kragopwekker.
- Ons bied lewenslange storsing en daar is vir die eerste 10 jaar geen jaarlikse storingsfooi nie.
- Bekostigbare rente-vrye afbetaal planne.
- Konsultante in alle groot sentrums in Suid-Afrika bied ook persoonlike diens en hulp aan om die proses te verduidelik en u vrae te beantwoord.



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



www.netcells.co.za



Berging in afsonderlike kompartemente, Midrand, Johannesburg.

24-Uur Noodnommer en inligting

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