Heroic Medicine

Nova Cells Institute's Extraordinary Healing Program

We are revolutionizing medicine one turnaround at a time

Nova Cells Institute

562-916-3410

www.novacellsinstitute.com
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The Nova Cells Story

Nova Cells Institute of Mexico (NCIM) is a small organization run by those who do the day-to-day “grunt work.” It is in-a-sense both a collective and a family. Patients and others deal with people whose desire to help others is largely predicated on making money. Those who handle and care for them at NCIM are without exception people who have a passion for going the extra mile and a long history of doing this, often for little or no pay or other tangible rewards.

And most importantly, NCIM is results-committed and driven. Its doctors and researchers are tireless in their quest of things that reliably turn-the-tables on human suffering. In addition, the body of science that informs NCIM’s work and offerings is very leading edge. Biochemist Dr. Abel Pena, who runs the laboratory end-of-things for Nova Cells, was trained by a leading US stem cell biologist and maintains the highest levels of safety and hygiene in his lab in Mexico. In addition, he has pioneered numerous methods for priming stem cells, i.e., getting them to respond to chemical signals in target tissues by becoming cells that tend to effect or support healing or relief. Stem cells primed using Dr. Pena’s methods have produced impressive, sometimes remarkable clinical responses in people with a wide variety of neurologic & other diseases and conditions. He also created NCIM’s proprietary "Beacon Factor" [Click to read more about this

Phone: 1-562-916-3410  Email: NCInfodesk@gmail.com
Videos: Get acquainted with Nova Cells

https://www.youtube.com/watch?v=-BH7WRv5l0o

https://youtu.be/GAS7IXWLe0s?list=PLySdDdYELq520yVeEwpu7Bmwiz1yu2QvO
“Stem cells have the remarkable potential to develop into many different cell types in the body.

“When a stem cell divides, each new cell has the potential to either remain a stem cell or become another type of cell with a more specialized function, such as a muscle cell, a red blood cell, or a brain cell.”

From the National Institutes of Health (NIH) Stem Cell Information website: http://stemcells.nih.gov/index.asp

PRINCIPLE SOURCES OF STEM CELLS

There are a number of sources of stem cells:

1) Embryonic stem cell (Nova Cells does not use these, never has & never will)

2) Stem cells taken from aborted human fetuses [Fetal cells] (Nova Cells does not use these, never has and never will)

3) Umbilical cord blood.

4) Umbilical cord Wharton’s Jelly (Stem cell-laden gelatinous layer that surrounds umbilical cord blood vessels).

5) Placental blood and tissues.

6) Bone marrow & other tissues such as bone marrow, skin, fat (adipose), liver and so forth.
**Stem Cell Potency**

**Totipotent** – All somatic cell types, Germ Cells, Fertilized egg, Zygote, Morula cells
Adult Totipotent Stem Cells

**Pluripotent** – All somatic cell types
Inner Cell Mass (ICM) of Blastocysts
Embryonic Stem Cells
Adult Pluripotent Stem cells

**Lineage-committed** – Germ Layer Lineage Stem Cells
Ectoderm associated stem cells
Mesoderm associated stem cells
Endoderm associated stem cells

**Multipotent** – Cell specific
Neural stem cells
Cord blood stem cells
Hematopoietic stem cells
Most bone marrow stem cells

**Unipotent** – Commited to becoming a single cell type
Dopamine expressing neurons
Muscle cells
Cartilage
Insulin-producing cells

Some stem cell clinics use these. These stem cells can cause tumors. NCIM has never used these cells and never will.

Nova Cells uses multipotent stem cells from the umbilical cord, placenta, Wharton's Jelly & a patient's own bone.
Stem Cells Used in the Nova Cells Program

The Nova Cells program only uses adult (nonembryonic) stem cells derived from the human umbilical cord including blood and Wharton’s Jelly, the placenta, as well as those harvested from a patient’s own tissues such as bone marrow.

The umbilical cord blood, Wharton’s jelly and placenta-derived stem cells are extracted from donors with Type O blood. The stem cells used include but are not limited to CD34+/AC133, neurogenic progenitors, and mesenchymals (MSC).

All medical procedures and laboratory processing are done in Mexico.

**DONOR CELLS ARE HEAVILY SCREENED FOR DISEASE, CONTAMINATION, ETC.**

All human umbilical cord and placenta-derived stem cells and cord blood serum used by Nova Cells contracted/affiliated/consulting physicians are processed in state-of-the-art Mexican hematology laboratories that conform to the highest Quality Control/Quality Assurance standards and employs state-of-the-art technology & lab methods. The blood and various tissues are acquired from healthy mothers who give birth to full term, normal, healthy babies (in Mexico). Harvested blood and tissues are then screened for all major communicable diseases using highly sophisticated lab methods, after which stem cells are separated out. These cells are then typically (but not always) expanded, i.e., induced to reproduce, in a growth medium that is free from any animal products, i.e., no mouse feeder cells, fetal calf serum or other animal serums, etc. The cells used are almost always “fresh;” that is, no freezing and storage is involved. The cells given patients come from either patient matched blood type or Type O (Universal type) blood are gender-matched, i.e., cells from males are infused into male patients and cells from females are used to treat female patients.

**NOTE:** Many people ask about having Nova Cells use cord blood they have stored in the US or Canada. In the US, cord blood is treated by the FDA as a drug. As such, it cannot be used for any condition not approved by the FDA stateside nor can it be sent to Mexico for such purposes.
Nova Cells Institute has never worked with embryonic or fetal stem cells, and never will. Embryonic and fetal stem cells can produce tumors (These are classified as pluripotent” which means they can form teratomas and other tumors in certain instances such as being injected into the central nervous system). The adult stem cells Nova Cells uses (umbilical cord, Wharton's Jelly, placenta-derived, and a patient's own bone marrow) are "multipotent" which limits the body cell types they can become (These stem cells do not form teratomas or such. Some private stem cell clinics in Europe and the US have injected adult stem cells into organs such as kidneys and eyes which caused problems and complications. Nova Cells Institute has never injected stem cells into an organ).

Let's be very clear about these points and a few others:

(1) Nova Cells was established in 2009. There are other companies that came along later on which use "Nova" in their company title, but these are NOT affiliated in any way with Nova Cells Institute of Mexico (NCIM).

(2) Nova Cells Institute has never used embryonic or fetal stem cells and never will (They can form tumors under certain circumstances).

(3) Nova Cells Institute only uses multipotent adult stem cells derived from umbilical cord blood, Wharton's Jelly, placental tissue, and a patient's own bone marrow.

(4) Nova Cells Institute administers stem cells by intravenous drip (On rare occasions Nova Cells affiliated doctors recommend an intrathecal or spinal tap infusion of cells. Everything related to this is spelled out, a process called "informed consent". Patients who prefer not to do this are given cells by intravenous or IV drip).
More about **Wharton’s Jelly Stem Cells**

NOVA CELLS INSTITUTE HARVESTS & MAKES CLINICAL USE OF STEM CELLS ISOLATED FROM (UMBILICAL CORD) WHARTON’S JELLY. BELOW ARE LINKS TO A SAMPLING OF PAPERS PUBLISHED ON WJ STEM CELLS:

**Wharton’s Jelly-Derived Mesenchymal Stem Cells: Phenotypic Characterization and Optimizing Their Therapeutic Potential for Clinical Applications**

**BONE REGENERATION**

Bone Regeneration Using Wharton's Jelly Mesenchymal Stem Cells

**CANCER**

Human Wharton's jelly mesenchymal stem cell secretome display antiproliferative effect on leukemia cell line and produce additive cytotoxic effect in combination with doxorubicin

Umbilical cord tissue-derived mesenchymal stem cells induce apoptosis in PC-3 prostate cancer cells through activation of JNK and downregulation of PI3K/AKT signaling

**CYSTIC FIBROSIS**

The Potential of Wharton’s Jelly Derived Mesenchymal Stem Cells in Treating Patients with Cystic Fibrosis
DIABETES

Wharton’s Jelly Mesenchymal Stem Cells for the Treatment of Type 1 Diabetes

MULTIPLE SCLEROSIS

Therapeutic Effect of Transplanted Human Wharton’s Jelly Stem Cell-Derived Oligodendrocyte Progenitor Cells (hWJ-MSC-derived OPCs) in an Animal Model of Multiple Sclerosis

NEURONAL REPAIR & NEW NERVE CELL FORMATION

The Secretome of Bone Marrow and Wharton Jelly Derived Mesenchymal Stem Cells Induces Differentiation and Neurite Outgrowth in SH-SY5Y Cells

Matrix Cells from Wharton's Jelly Form Neurons and Glia

Neurotrophic factors from human Wharton’s jelly mesenchymal stem cells induce gliogenesis

Wharton’s jelly derived mesenchymal stromal cells: Biological properties, induction of neuronal phenotype and current applications in neurodegeneration research

Conversion of Human Umbilical Cord Mesenchymal Stem Cells in Wharton’s Jelly to Dopaminergic Neurons In Vitro: Potential Therapeutic Application for Parkinsonism

TISSUE REGENERATION

Wharton’s jelly mesenchymal stem cells promote wound healing and tissue regeneration

TRAUMATIC BRAIN INJURY

Wharton's Jelly Transplantation Improves Neurologic Function in a Rat Model of Traumatic Brain Injury
Unique to Nova Cells:
The Beacon Factor™

About the Beacon Factor (invented by NCIM's own Dr. Abel Pena)

We've all heard the term "wonder drug" and, yes, some pharmaceuticals are just that. They work well and sometimes very fast. The same can be said about some biologics which are products produced by or derived from natural sources.

Nova Cells has the Beacon Factor, a "wonder biologic".

If you look through the Nova Cells website and especially its blog and patient testimonials, you'll quickly see for yourself what makes the Beacon Factor a genuine wonder product. You can also read how the Beacon Factor played a role in an amazing turnaround for a 76 year old Canadian with advanced dementia ( Lewy Body Dementia) by going to http://www.of3ld.co.

How does the Beacon Factor work it's "magic"? According to the Beacon Factor's Inventor, Biochemist and Nova Cells director of laboratory services, Abel Pena, his brainchild has powerful circulation-enhancing and inflammation reducing properties. In addition, it appears to greatly increase the number and activity of serotonin receptors on neurons (which increases or amplifies nerve signal transmission).

Says Abel, "The Beacon Factor was created by combining molecules that exist in all of us. In laboratory experiments and then later human use it proved very powerful in terms of enhancing circulation, suppressing inflammation and bolstering the number and activity of serotonin receptors in the central nervous system especially the brain. Patients including children who came in with cold, itchy limbs due to poor circulation had these pick up within an hour or less of resolving the Beacon Factor. And those with runaway inflammation including neuroinflammation and other brain imbalances showed dramatic reductions in this. In addition, the Beacon Factor amplifies the biochemical signals secreted by damaged tissue and boosts
Free Case Evaluation

FREE, NO OBLIGATION CASE EVALUATION – JUST CALL 1-562-916-3410 OR EMAIL
NCINFODESK@GMAIL.COM
Nova Cells has successfully treated many other conditions so if you do not see your particular challenge in the pages that follow, just ask us about our experience with it!

Learn more about any disease or medical disorder by emailing NCInfodesk@gmail.com or by calling 1-562-916-3410.
**Anoxic Brain Damage**

**Ryan Weber (Anoxic Brain Injury): Improvements began surfacing right after his treatment!**

**(August 2014) To All the Nova Cells Family:**

Sorry for not getting back to you sooner but it has been crazy busy. Mexico was great, nothing we imagined. The hospital where Ryan received his Stem Cell Treatment was so clean and I have been in many different hospitals here in the United States that was not as clean. We enjoyed the Mexican food as it was so flavorful. It made me sad to leave.

Ryan’s Stem Cell treatment was a great success! We noticed a huge difference in his muscle tone when they brought him back from the O.R. I cried when I first picked Ryan up because it was like holding a different kid. Ryan’s muscle tone is completely relaxed. Ryan has started back up with his outpatient physical therapy, warm water therapy and his massage appointments. His therapist was shocked at the difference in his muscle tone. Ryan has more control over his muscles.

Some of the things Ryan has done since his Stem Cell Treatment that he was not able to do before hand include:

**HEAD CONTROL** -He holds his head in a neutral position now and freely moves it to the left and right to look around. Before Stem Cells, Ryan would either have it tilted to one side or the other or front or back.

*This picture taken the day after Ryan’s treatment at the San Diego Zoo. Look at how his arms are more bend, his legs are bend, head in right position. Ryan is actually sitting on the tusk.*
HANDS – Ryan is able to open and close his hands freely. He regained the infant grasp reflex. With this he is able to reach out and grab items. Last night (8/26/14), he reached up and grabbed his Dad’s glasses and the later in the night he reached up and grabbed a handful of my hair. Before Stem Cells, Ryan kept his hands closed in a tight fist.

*Picture of Ryan’s hands after his Stem Cell treatment*

ARMS – Ryan actually is able to control both his arms equally. He is able to bend both elbows at his choice. Ryan is able to control his arms to reach to get items he wants. He still favors the left arm over the right but he was left-handed dominant. Before Stem Cells, Ryan did have minimal control over the left arm and no control over the right arm.

*Rick and Ryan at the beach before Ryan’s Stem cell treatment. Look at the stiff straight arms and tight closed fist hands*
**TRUNK (TORSO)** – Ryan is able to sit in upright position on our lap with little help. When Ryan sits his chest and belly are straighter. Before Stem Cells, Ryan sat on our lap and needed a lot of help to stay in upright position and usually was tilted to one side or the other.

**LEGS** – Ryan legs are able to bend at the knees. He is able to control them better alternating them to walk in his walker and today walked in the pool with very little help by himself without a walker. When Ryan sits on our laps Ryan will bend his knees and sit like any other “scientifically Normal” child. When he lays on the floor, he will pick up his legs to reposition them. Before Stem Cells, Ryan legs were mainly in a locked straight position. It was a battle to have him sit on our lap, put him in his car seat or in anything that required him to be in a bend position. He would walk in his walker but his body looked like an “S”.

**MENTAL** – Ryan is happier; he smiles and laughs more. I credit the Stem Cells as he is not always having to deal with very tight muscle which were probably really sore. When Ryan looks at you, he just smiles like he can actually see us clearly. Before he recognized the important people like his siblings, Grandparents and us as his parents but since his Stem Cell treatment - couple of our friends have talked to Ryan and this time Ryan interacted with them.

Most of Ryan's improvements have been “small” but when you put all the small pieces together it makes for a huge improvement. It's the little things that matter. I have to tell you a story about our day before we were picked up to go to Mexico.

We were all around and waiting for the phone call to tell us you were on your way. We were sitting outside at the patio set when I opened my pictures in my Phone to find the Creative Miracle Prayer I wanted to say before Ryan's Stem Cell treatment. My phone usually opens to the last picture taken but that day when I opened my pictures, I started to cry because it automatically opened to a picture of Rick holding Ryan the day he was born back on 12/17/09 (See below). Rick asked what was wrong and I turned my phone to show him the picture that popped up and his jaw dropped. This is the picture that popped up.
I took that as a sign from above that Ryan would be born again. With all of Ryan's improvements that is exactly what happened! We cannot thank you all enough for making this miracle happen for Ryan. I will send pictures in another email with little explanations of them. Just wanted to get this email of Ryan's improvements to you. You may share this with everyone and if they want to follow Ryan his Facebook page is www.facebook.com/littlewarriorryan.

Thank you for giving us our little boy back! Lots of love.

Gina & Rick Weber
Bladder Problems

Julia Simpson’s eye, bladder and Parkinson’s symptoms disappeared quickly following Nova Cells treatment

Emailed to Nova Cells:

This is Julia Simpson. I heard about Nova Cells Institute from other patients so I looked them up and checked out their website and testimonials. I am getting on in years being 66 and just feel the weight of the years on me. I have been pretty much healthy all of my life but as the years passed by, I acquired more and more little problems which latter turn chronic. I get check-ups, take supplements, but my symptoms persisted.

I have a prolapsed bladder which makes me get up at night at least 2 times sometimes three times. This has been going on for about 6 years.

About 8 years ago a doctor prescribed Calcitonin as a nasal spray to avoid bone loss. I used it for about a month and a half. About a month into it I started to have problems with my right eye. It began tearing during the night and I had pain in it and it was red and irritated. Then headache started on that side. I did not connect this to the nasal spray. For days I had the tearing and redness even during the day and became very sensitive to sunlight. I realized that I was putting the spray in my right nostril, and the right eye was the one giving me a problem. So, I then stopped using it and told my doctor. The problem is that although it stopped bothering me during the day it has never stopped giving me problems at night if I sleep on the right side, and I still had lots of pain.

I have more or less a lot of energy but I take one or two small naps a day to get reenergized.

One major thing that has been bothering me for the last 6 years is that my right hand is trembling slightly, some times more so when I get stressed. I got very worried about having Parkinson’s. I decided to get a stem cell treatment for rejuvenating my organs and hopefully helping get rid myself of the Parkinson’s like symptoms because although it is not progressing it does not go away and left me very worried about this.

On June 19, 2015 I had my stem cell treatment at NCIM. I was picked up by Abel and Grace who were so nice and professional. They answered all of my questions so I felt at ease and relaxed because I went to Mexico alone.
The city of Tijuana was just around the corner sort of speak. Just 15 minutes from the city of San Diego. The city itself was totally different from what I had imagined. It is a real nice city of 3 million people. They have roundabouts often and lots of statues of heroes, even one of Abraham Lincoln (planted in the avenue of the heroes). I understand the Lincoln statue serves as a “thumbs up” to American democracy and is a “welcome here” for US tourists. Lots of beautiful tall buildings, many made of all glass, dot the landscape everywhere. I saw McDonald’s, Costco, Office Max, Office Depot, Walmart, and a Subway Sandwich shop among others. People were milling about and walking all over the place, kind of like New York. I felt really good about Tijuana and totally safe.

Once I got to the hospital, I found the staff incredibly friendly and courteous. Once I got checked in I was assessed by three doctors an internal medicine as well as a neurologist and an anesthesiologist.

The doctors did many tests and then I was infused with the Beacon Factor and got my stem cells by IV and also a percentage by spinal tap. I was not put to sleep for my spinal tap. The MDs just gave me a local anesthesia where the little puncture was made. It didn't hurt at all. Then I got more Beacon Factor which helps the stem cells seek out damaged tissue. I was there for observation for a few hours then discharged. Abel and Grace then took me to eat at a delicious cafeteria with all kinds of Mexican dishes to choose from. Then was brought back across the border in the US.

About 6 days after my treatment all of a sudden, I noticed that my eye no longer was tearing up or hurt any more. I could not believe it and decided to wait a few more days just in case it came back. It has already been 17 days and the eye is not tearing up.

My energy has shot up incredibly too. To the point where I've only taken naps three times in all these days, and short ones at that.

About a week into my treatment I noticed that I was not waking up at night to go to the bathroom. I was instead sleeping through the night like a baby and waking up at 8:00 or 8:30 AM each morning. I wake up so rested. I am going into deep sleep every night and am even dreaming now which was not true in the past.

My bladder, of course, is still prolapsed, but I do not have the sensation of needing to visit the bathroom over and over again each night.

But the most wonderful thing is that my hand shaking is all gone and I am ecstatic about this! About 10 days post-treatment, I was using my computer when I realized that I was not shaking any more. Of all the symptoms impacted by my treatment I am so happy and amazed that the shaking is gone! It was amazing that I felt so good I did not even
notice the change at first. Thank you Nova Cells Institute! Yes, I was hoping to get rid of my Parkinson's symptoms, but I never thought that they would be gone in a matter of days. Maybe it was so quick because my shaking was rather mild, but even if it had taken months I would have been just as happy. I am not afraid or concerned any more.

Julia Simpson
Killing cancer, not the cancer sufferer (Targeting & defeating cancer while leaving healthy cells unaffected)

On Sunday December 7 (2014) CBS's famed 60 Minutes devoted a thirteen minute segment titled “Disrupting Cancer” to physician and billionaire businessman Patrick Soon-Shiong, MD’s advocacy and use of the rapid gene sequencing of tumor cells to help zero in specific drugs or other agents that will eradicate them. Later the same day, Forbes’s writer Matthew Herper published an article in which he stated something virtually everyone doing cancer work knows, namely that “Everyone is looking to use DNA sequencing to better pick cancer drugs. And in some ways, Soon-Shiong is an odd person to pick as a spokesperson for this, because he’s just getting started.” (Here Is What '60 Minutes' Didn’t Tell You About The Billionaire Who Is Trying To Disrupt Cancer Care).

This is not to say that with Dr. Soon-Shiong's deep pockets and army of computer experts and researchers he will not wind up making major inroads in this area of biomedicine. And with cancer striking so many, progress is welcome whether it comes out of a one-person lab or a research enterprise that fills buildings or is stretched across many continents.

Nova Cells is no stranger to finding ways to “disrupt cancer”. It has, in fact, focused on a treatment approach that combines attacking tumors using donor immune cells (from healthy young people) and specific compounds that gum up the inner machinery in cancer cells while leaving healthy cells. It has been a spectacularly successful quest that started with the treatment of a 71-year-old gentleman from the Pacific Northwest who was in the last throes of end-stage prostate cancer that had spread into his liver and bones. He was, in fact, so bad off that NCIM doctors thought he might not live more than a handful of days, at best. But, like so many people struggling with cancer, he was a spirited fighter who simply would not entertain abandoning hope until, as he put it, “I take my last breath”.

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This determined chap knew the score going into treatment, namely that he was volunteering to undergo something very experimental in nature. But he was resolutely committed to “fighting the good fight”, even if this pitched battle proved his last. Seeing his determined spirit, the MDs set about stabilizing him to help insure he could handle the biological blitzkrieg (lightening war) that NCIM’s experimental tumor-killing method was expected to unleash in his body.

Three days later the doctors began daily treatments using cancer-fighting cells (called granulocytes) that had been previously isolated from the blood of many young, healthy volunteers and then combined and infused by intravenous (IV) means. In addition, he was to be given intentionally HLA mismatched umbilical cord stem cells.

If the treatment worked as anticipated, the donor granulocytes would attack the tumors and also send a “wake up call” to the immune system, i.e., alert the fellow's own immune cells that something alien was present which they would then attack (One problem in cancer is that tumors send out biochemical signals that suppress the sufferer's own innate tumor-fighting cells). In addition, the HLA mismatched umbilical cord blood stem cells would be attracted by growth factors secreted by the tumors, attach to them, and then be attacked by the patient's own immune cells which would react to them as a foreign presence.

The outcome? He did have a mild immune reaction (rash) that was easily suppressed using an IV antihistamine. This is how NCIM's patient care coordinator summed up what transpired:

“Within three days his face was pinkish and his hands were getting pink. He was eating so well that the staff could not believe it. After the 7th primed donor granulocyte treatment, he was walking 1/2 mile around the hospital and feeling great. He was feeling so good in fact that he decided to return to his home state of Washington to finish up a million-dollar real estate deal. NCIM doctors and staff protested wanting him to finish the entire course of therapy but he was adamant about getting home but promised to return and complete his care once his real estate deal was completed. This he did. By October his US oncologist reported that his PSA is 1.1, his prostate is smaller than a normal 20 year olds, and he could find no cancer at all. Also, his Alkaline Phosphatase level which was about 2,000 during his treatment had dropped to something around 89.”

This fellow remains in full remission to this day (September 2015).
Following this exciting clinical success, other end-stage cancer patients were treated (prostate, breast, lung, others) using the same method. Fifty percent (50%) experienced tumor shrinkage (partial remission) while the rest (50%) went into full remission.

In addition, other cancer-fighting measures were tested both alone and in combination with the donor granulocytes & cord blood stem cells (Gr-UCSC). Those that resulted in tumor shrinkage or obliteration when used alone, as well as those that bolstered the anti-cancer impact of the Gr-UCSCs were retained.

Among these were two chemical compounds that throw a monkey wrench into the tiny power-generating factories (mitochondria) in tumor cells but do not adversely affect normal cells. They are, in technical parlance Patrick Soon-Shiong, MD, selective for malignant cells.

NCIM also selectively utilizes a unique injectable protein that amplifies the cancer-fighting activity of a patient's own macrophages.

Returning now to that 60 Minutes segment: Dr. Soon-Shiong beamed about tackling cancer at an immunological level. Nova Cells doctors and staff wish him well in this quest, but can't help adding that in many ways we left the starting gate years ago and are “already there” (That is, have made demonstrable progress and enjoyed great success).

If you’d like to know more about NCIM’s cancer treatment method, just click these links:

Click to read more about NCIM’s Gr-UCSC method of treating cancer

Click to access cancer patient write-ups
Cerebral Palsy

**Rapid improvements in vision, walking, mood & cognition for boy with cerebral palsy treated by Nova Cells**

Linda’s little boy has cerebral palsy and has vision, cognitive and walking issues. Within a week of getting primed stem cells & the nontoxic **Beacon Factor** by **Nova Cells Institute** doctors (August 2015), Linda shared this with Nova Cells by email (**NCInfodesk@gmail.com**):

As you know, my boy has really been struggling for a long time with walking and now after his treatment he just gets up and does it! Today he was even trying to run about. Also, I see signs his vision has improved too. On top of all this, his temperament is so much better and he is no longer easily frustrated and his ability to focus & take on challenging tasks has improved. For instance, today at therapy he put objects like circles, triangles and stars into the right sorting container which left the staff totally blown away! My husband took in all these leaps forward which left him almost in a state of disbelief! I wish all the parents of children with CP would get them into treatment with your program. Warmest regards to both you and Dr. Abel, and do watch your email for more progress updates and video clips too of our boy. Love, Linda.

NCIM’s patient care coordinator added:

At the hospital, even before we left to take this family back to their hotel in San Diego, the boy was sitting on the floor, then just folded one of his legs and got right up without help from his mom or anyone present. This so amazed the lady that it left her totally wide mouth open. Then at the hotel the boy did it again but this time took about 4 steps and sat down. The mother was simply awed by what was happening.
Emily Johnson: Ten year old with cerebral palsy turned a corner following her NCIM stem cell treatment

Ten-year-old Emily Johnson was born 16 weeks premature (weighing in at only 1 lb 6 oz.) and sustained nervous system damage later was manifest as an inability to communicate verbally, problems getting about, and seizures. Her doctors diagnosed her as having cerebral palsy. Like many children with CP Emily benefited from use of a walker and various kinds of therapy. In time her seizures abated and she learned to communicate via a speech device. Her parents, Patrick and Justin, wanted more for Emily, of course. Like most other parents of children with CP they went on a quest for therapies (including novel ones) that might reduce or remediate Emily’s disability and improve or enhance her motor and cognitive functioning. This quest brought them to Nova Cells Institute of Mexico (NCIM) in December 2011 and culminated in Emily’s being treated with pure umbilical cord and Wharton’s Jelly derived stem cells plus “Beacon Factor”, i.e., a proprietary hypoallergenic combination of peptides and cytokines that helps stem cells rapidly home in on and anchor to target tissues (NCIM's Beacon Factor has been used by NCIM on all types of neurological diseases such as cerebral palsy, multiple sclerosis, spina bifida, and Parkinson’s disease with great success).

Emily’s response to her NCIM treatment began 2 months following her treatment and is ably captured in this update from her parents that came in this month (May 2012):

Our daughter Emily had a stem cell treatment through NCIM when she was 10 years old. We set up everything through NCIM’s patient educator and care facilitator and she was wonderful to us. She was so attentive and loving and I really felt a bond with her over the phone and felt like I knew her and could really feel her excitement for helping kids!

When we got to San Diego, NCIM staff picked us up and personally escorted us to Mexico! Traveling to another country can be a bit overwhelming but they made us feel at ease and we really felt like they cared about our little Emily and they were very
thorough in explaining how they get the stem cells and treat them and the desired outcome.

Since the treatment we have seen some wonderful changes in our daughter. Emily is non-verbal and cannot walk without assistance. Prior to her stem cell treatment, she could not ask for help or communicate her needs effectively even with a speech output device. Now, just 5 months after treatment, she clearly articulates her needs using the device and she has also learned how to use an iPad for communication as well.

She has also shown a new level of maturity. She has demonstrated through testing that she can read well over 200 words. She is also able to build sentences and follow along with academic activities using her speech device. Her temperament has also changed. She used to break down easily and get very frustrated and she was unable to control her emotions. Now she seems to be more patient and confident in herself.

We feel that these changes are just the beginning and we are hopeful and excited to see better things coming from her treatment!
Epilepsy

Epilepsy turnaround for an angel (Angel Sosa)

Angel Sosa is 4 years old and has not exactly had an easy ride in life. Born to loving parents and a large family he entered this world saddled with lots of neurological and physical challenges. Among them: Infantile spasms, a difficult-to-treat form of childhood-onset epilepsy called Lennox–Gastaut syndrome (LGS) or simply Lennox syndrome, and developmental delays. According to his loving Mum, Monique, he was “having 10 clusters of 10-11 seizures lasting six (6) minutes each day and was having ten tonic seizures a day sometimes lasting up to 3 minutes without breathing.”

As you might expect little Angel’s early life was spent seeing doctors and therapists and taking drugs to control his epilepsy (Three currently: Felbamate, Valproic acid, and Zonisemide). Naturally, his parents kept an eye on the news and the Web for any medical advances that might offer any hope of remediating their son’s intractable epilepsy and other challenges. With the advent and growth of adult (nonembryonic) stem cell treatment programs outside the US they saw evidence that perhaps some form of stem cell therapy could help their little boy. As they sorted through the various private stem cell medicine operations abroad they came across accounts of the many turnarounds in children effected by Nova Cell’s primed stem cell treatments and intravenous use of its proprietary Beacon Factor. This encouraged Monique to reach out to NCIM’s patient educator & care facilitator by phone. She then walked her through what NCIM doctors and scientists had accomplished and documented in treated patients and then ably tackled all her questions and concerns. Satisfied with what she had learned, the Sosa’s, enrolled their son in the NCIM treatment program. Later, on the heels of Angel’s approval for treatment by NCIM physicians including a pediatric neurologist, she and her husband booked him for care on 6 February (2014).

When the “big day” arrived for Angel, NCIM’s patient care coordinator noted this about the little boy:

While waiting for his treatment Angel was very stiff and somewhat arching backward. His eyes were moving around the room randomly and, though he would look at you if you called his name after a couple of times, he did so only for
a split second and it seemed that he saw right through you. His mom had to give him his dose of medications because he was getting a little stiffer and she knew they were wearing off.

Angel was then given primed umbilical cord stem cells and the Beacon Factor. NCIM staff noted this at the time:

About an hour after his stem cell treatment Angel's mom mentioned to us that both she and his father were impressed with how relaxed Angel is including his normally stiff legs. As the attending physician was checking him in recovery Angel did something amazing: He fixed his gaze on him for about 5 seconds. The doctor was both amazed and incredulous. Then Angel's father said 'Oh yea, he already has focused his gaze on his mom and I.' Within an hour Angel was already aware of his surroundings and the people around him.

In addition, Angel's legs which were normally ice cold were now pink and warm and remained so.

After Angel got home and settled in Monique shared this with NCIM by phone and later by email:

The Thursday morning of his stem cell treatment he had 3 tonic seizures and then after stem cells no more seizures till late Sunday night he had 2 small quick seizures. All this week he's only had 3 seizures! And no big seizures at all! No more 6-minute clusters :)

In therapy his therapists have noticed improvements already! He feels so much stronger! He is tolerating standing a little more and one of his therapists noticed he was using the muscles on his arm and shoulders. Everyone has noticed that he’s more alert and happier and has more energy! On Tuesday he looked at me and smiled Mind you, he has never smiled for no reason.

Monique added that Angel's three (3) year old sister was super excited by the fact her brother was following her all over the place with his eyes, something she instinctively regarded as a form of playing with her.
She concluded with this:

Thank you, NOVA!!! I’m so excited about seeing more gains with my angel!

The Sosa’s have set up a Facebook page for Angel which is at https://www.facebook.com/angel.sosa.52?fref=ts. This page contains photos, videos, posts and more.

CHECK OUT THIS EXCITING UPDATE POSTED ON ANGEL SOSA’S FACEBOOK PAGE (3-3-2014):

Since having done stem cells February 6, angel went 24 days without a Tonic seizure!! Before stem cells he was having them everyday 2-4 a day. It only lasted a couple seconds and recovered great afterwards. And with the cluster of infantile spasms some days it seems like there’s none and other days he will have 1-2 maybe lasting only a couple seconds and before he was having 2-4 clusters a day lasting 6-10 mins everyday!! I have also completely weaned him off zonegran his last dose was February 28. So now he’s only on 2 meds depakote and felbamate.
Roger Easterling of California Gets A New Lease on Life (Rapidly progressing multiple sclerosis)

Roger Easterling, 48, began having tinkling sensations and numbness in his hands and legs during the summer of 2014. At first, he tried to ignore this but soon he found this impossible to do as one leg and foot were now working very badly, and one of his hands had become stiff and difficult to move. Soon both hands were drawn up in a fist. He was also getting tired very easily and edgy.

After seeing a neurologist and going through all kinds of tests and scans the verdict came down: Multiple sclerosis.

Roger began taking the drugs his doctor prescribed but all he did was deteriorate. He was now afraid, not just for himself but the family that depended on him including his wife and teenage children.

One of the things that really bothered Roger was watching his once considerable physical and mental energies drain away, combined with the onset of depression. And though he was sleeping more and had begun napping for twenty minutes three and four times daily, he was constantly tired and almost never felt refreshed or ready to tackle routine tasks and chores.

Like many people with a devastating disease that wasn't responding to conventional care, Roger and his wife began scouring the Web for promising new treatments including stem cells. This led him to Nova Cells during February (2015).

During the first week of March Roger went to Mexico where he received primed umbilical cord stem cells and the Beacon Factor. Within hours he was moving his stiff hand freely and within two weeks both hands were relaxed and working normally.

In the days since then Roger has enjoyed additional gains:
Prior to his stem cell & Beacon Factor treatment Roger would go golfing with his children every weekend but found that it took four hours to do nine holes and he left the country club exhausted. Now he is golfing the same course in 2 hours time and finishes up full of pep.

In the months prior to his stem cell treatment Roger and his family would go to church every Sunday, but because of his MS he did not have the strength to stand up to sing. Now he is able to do this.

In addition, whereas once he got tuckered out just carrying a gallon of water from his car into his house, now he was taking on physically demanding tasks without getting weary. For example, recently he pulled out a defective toilet in one of his bathrooms and carried it out of his house for hauling away and disposal.

Roger’s depression too is now pretty much a thing of the past.

Naturally, Roger and his family and the entire Nova Cells staff is excited by his turnaround and anticipate seeing more gains and improvements in the weeks and months ahead.

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**Multiple Sclerosis: Three recent cases**

**Mr. J. R.** is a 49-year-old Mexican national who has been struggling with Progressive Relapsing Multiple Sclerosis for six years, which was rapidly progressing prior to his coming to NCIM (January 2012).

He arrived at NCIM’s treatment facility unable to walk and with his speech so slurred only his family was able to understand him. He also had difficulty swallowing as well as being unable to move his tongue very well. According to NCIM’s co-administrator & patient care coordinator Mr. J. R.’s arms functioned normally but everything from the waist down plus his tongue and throat did not. He was treated with stem cells derived from three umbilical cords, Wharton’s Jelly and his own bone marrow (primed using Nova Cell’s unique laboratory method) along with NCIM’s proprietary Beacon factor.

Six weeks after his treatment Mr. J. R. was able to be understood even on the phone. He was so amazed and ecstatic with the improvement in his ability to communicate that
he could not resist calling people to chat plus family and friends whom he often invited to him home to visit with him.

About three months following his treatment he was walking again, specifically taking a few steps at a time and climbing a few stairs — with assistance.

As of August (2012) Mr. J.R. can walk (slowly) without assistance and can also touch his palate with his tongue. He is hoping to be able to return to NCIM in January 2013 for another treatment.

Ms. Elisa is a 38-year-old lady diagnosed with Secondary-Progressive Multiple Sclerosis four years ago. Among the things she has been wrestling with:

- Poor balance
- Lots of pain in her legs
- Rigidity in her hands and one leg
- Migraines
- Unable to walk well (Alternates using a walker and wheelchair to get about)
  - Severe depression
  - Poor appetite with corresponding weight loss

Ms. Elisa was treated during December 2011 with primed stem cells from Wharton’s Jelly, cord blood and her own bone marrow, along with NCIM’s proprietary Beacon Factor.

About two months after her treatment Ms. Elisa noticed her migraine headaches were becoming less frequent. In addition, she was able to balance herself to the point of not being afraid to fall any more though she continues to use her walker to get about. The rigidity in the hand and leg on one side of body has diminished and the other leg is no longer rigid though there is some light twitching which she is managing with tonic water and quinine. Also, Ms. Elisa is eating better, has gained some weight, and though she feels sad she no longer feels controlled by depression (The severe bouts of depression having completely disappeared). She reports seeing no further disease progression.
Mr. M. S., the brother of a prominent Mexican politician, is not a Nova Cell’s patient but instead was treated by his primary care doctor in Mexico using stem cells processed and primed by NCIM. He has been struggling with multiple sclerosis for eight (8) years and complained of severe fatigue, blurred and double vision in one eye, problems with his bladder, constipation, lots of muscle spasticity plus loss of muscle strength.

He was treated in February 2012 and responded so amazingly well his family brought him back to Tijuana in the middle of June to get a booster treatment.

Among the benefits Mr. M.S. has reported: His spasticity is much better especially following his second treatment; his vision is improving and he is getting more control of his bladder. His family is taking him to physical therapy which has resulted in his gaining some physical strength. Perhaps most impressive of all to Mr. M. S. is the fact that his condition has stopped progressing.
Parkinson's disease

Julia Simpson

Julia Simpson’s eye, bladder and Parkinson’s symptoms disappeared quickly following Nova Cells treatment

Emailed to Nova Cells:

This is Julia Simpson. I heard about Nova Cells Institute from other patients so I looked them up and checked out their website and testimonials. I am getting on in years being 66 and just feel the weight of the years on me. I have been pretty much healthy all of my life but as the years passed by, I acquired more and more little problems which latter turn chronic. I get check-ups, take supplements, but my symptoms persisted.

I have a prolapsed bladder which makes me get up at night at least 2 times sometimes three times. This has been going on for about 6 years.

About 8 years ago a doctor prescribed Calcitonin as a nasal spray to avoid bone loss. I used it for about a month and a half. About a month into it I started to have problems with my right eye. It began tearing during the night and I had pain in it and it was red and irritated. Then headache started on that side. I did not connect this to the nasal spray. For days I had the tearing and redness even during the day and became very sensitive to sunlight. I realized that I was putting the spray in my right nostril, and the right eye was the one giving me a problem. So, I then stopped using it and told my doctor. The problem is that although it stopped bothering me during the day it has never stopped giving me problems at night if I sleep on the right side, and I still had lots of pain.

I have more or less a lot of energy but I take one or two small naps a day to get reenergized.

One major thing that has been bothering me for the last 6 years is that my right hand is trembling slightly, some times more so when I get stressed. I got very worried about having Parkinson's. I decided to get a stem cell treatment for rejuvenating my organs
and hopefully helping get rid myself of the Parkinson’s like symptoms because although it is not progressing it does not go away and left me very worried about this.

On June 19, 2015 I had my stem cell treatment at NCIM. I was picked up by NCIM staff who were so nice and professional. They answered all of my questions so I felt at ease and relaxed because I went to Mexico alone.

The city of Tijuana was just around the corner sort of speak. Just 15 minutes from the city of San Diego. The city itself was totally different from what I had imagined. It is a real nice city of 3 million people. They have roundabouts often and lots of statues of heroes, even one of Abraham Lincoln (planted in the avenue of the heroes). I understand the Lincoln statue serves as a “thumbs up” to American democracy and is a “welcome here” for US tourists. Lots of beautiful tall buildings, many made of all glass, dot the landscape everywhere. I saw McDonald’s, Costco, Office Max, Office Depot, Walmart, and a Subway Sandwich shop among others. People were milling about and walking all over the place, kind of like New York. I felt really good about Tijuana and totally safe.

Once I got to the hospital, I found the staff incredibly friendly and courteous. Once I got checked in I was assessed by three doctors an internal medicine as well as a neurologist and an anesthesiologist.

The doctors did many tests and then I was infused with the Beacon Factor and got my stem cells by IV and also a percentage by spinal tap. I was not put to sleep for my spinal tap. The MDs just gave me a local anesthesia where the little puncture was made. It didn’t hurt at all. Then I got more Beacon Factor which helps the stem cells seek out damaged tissue. I was there for observation for a few hours then discharged. NCIM staffers then took me to eat at a delicious cafeteria with all kinds of Mexican dishes to choose from. Then was brought back across the border in the US.

About 6 days after my treatment all of a sudden, I noticed that my eye no longer was tearing up or hurt any more. I could not believe it and decided to wait a few more days just in case it came back. It has already been 17 days and the eye is not tearing up.

My energy has shot up incredibly too. To the point where I’ve only taken naps three times in all these days, and short ones at that.

About a week into my treatment I noticed that I was not waking up at night to go to the bathroom. I was instead sleeping through the night like a baby and waking up at 8:00 or 8:30 AM each morning. I wake up so rested. I am going into deep sleep every night and am even dreaming now which was not true in the past.
My bladder, of course, is still prolapsed, but I do not have the sensation of needing to visit the bathroom over and over again each night.

But the most wonderful thing is that my hand shaking is all gone and I am ecstatic about this! About 10 days post-treatment, I was using my computer when I realized that I was not shaking any more. Of all the symptoms impacted by my treatment I am so happy and amazed that the shaking is gone! It was amazing that I felt so good I did not even notice the change at first. Thank you Nova Cells Institute! Yes, I was hoping to get rid of my Parkinson’s symptoms, but I never thought that they would be gone in a matter of days. Maybe it was so quick because my shaking was rather mild, but even if it had taken months I would have been just as happy. I am not afraid or concerned any more.

Julia Simpson
Sleep Apnea

Ryan Neighbors

Central sleep apnea episodes fall from 66 per night to 7 in Ryan Neighbors, reports mom (Shelly)

IN A FEB. 10 2014 EMAIL TO NOVA CELLS INSTITUTE, SHELLY NEIGHBORS SHARED THIS EXCITING NEWS ABOUT HER DAUGHTER RYAN:

I have so much to tell you and show you!

Ryan is moving her legs on her own CONTROLLED!! We’re not walking – but this is a step in the right direction.

Not only that – but she recently had a sleep study to check on her central sleep apnea. Before stem cells, she was having 66 episodes per night. After we Only had 7! They are thinking about taking her off her oxygen!

We hope to see you all again before this fall. I have videos to send but I'm at the gym. I send them when I get home. We love you and hope all is well.

Xoxo
Shelly Neighbors

CHECK OUT THESE PRIOR BLOG ENTRIES ON RYAN: https://ncimexico.com/?s=Ryan
Spinal Cord Injury (SCI)

John P. Roberts: Another spinal cord injury turnaround

John's medical troubles began in 2010 with “feeling downright lousy”, the cause of which proved mystifying and hard-to-pinpoint for his regular doctors. After two months of feeling crappy he became so ill that his wife insisted on taking him to a local hospital. After various tests the hospital doctors came up with a diagnosis: John had an infection in various parts of his body including his neck bones. They proceeded to treat him with powerful antibiotics and also scraped the infected material from the vertebrae in his neck and various other places. This process helped eliminate John's infection but, unfortunately, during one of the procedures doctors damaged or cut a nerve in his neck. This left him a quadriplegic who could not move his legs or arms or fingers. In addition, his left leg was permanently bent at the knee which meant he could only sleep comfortable on his side.

During late July 2012 John went to Mexico where he was treated with Nova Cell Institute of Mexico's (NCIM) proprietary Beacon Factor and then primed adult (nonembryonic) stem cells.

Within 13 days following his treatment John was able to straighten out his perpetually bent left leg. He also began feeling tingling in his fingers.

By day 20 post-treatment John could flex his left leg and a few weeks later found he could lift one of his arms and touch his nose.

On October 7 (2012) while sitting in the passenger seat of his car he grabbed a tissue and wiped something from the top of his right arm with his left hand!

His wife reports that “His gains are holding up" and they are seeing more of them. Physical therapy sessions are reinforcing John's restored bodily functioning and helping building up his strength.
Lately John has found that he can stand up more and more by himself while holding on to something and is even taking what his wife calls “baby steps”.
Bryson Chailer

Bryson Chailer: Rapid & impressive improvements in child with spina bifida with 2013 blog updates!

I brought my son, Bryson Chailer, to Mexico during April (2012) for his first stem cell treatment and I just wanted to give you an update. First of all, let me say, NCIM staffers are the sweetest, most caring, most hospitable people I have ever met. They are genuine and truly care about their patients and made our experience top notch. The Mexican doctor and his team and the nursing staff were all fantastic as well. We were treated professionally and with love and everything was explained to us so we could understand every single step of the entire process. We couldn’t be more impressed and will send people your way because of our wonderful experience with Nova Cells Institute.

Within 48 hours of his treatment I saw changes in Bryson and want to share these with everyone: I noticed right away that he had more energy, which is almost unimaginable, because he was already a little fire ball anyway, but he was wound for sound after the stem cell implantation! I noticed right away that he slept more soundly that night and was not tossing and turning and having interrupted sleep. He slept this way last night as well. Bryson has a vesicostomy due to bladder issues, reflux into his kidneys, and the catheter not working properly. This is temporary and to give his bladder a rest and time to repair and will be reversed. Since he urinates out of the stoma, his diaper is wet only at the top and I noticed the morning after the stem cells, his diaper was wet from top to bottom, which I think means he had been urinating, not only from the stoma, but from his penis as well. His diaper was just saturated all in the front. I noticed this same thing this morning. He pooped in the middle of the night and had not been given any kind of stool softener or enema, which is usually what we have to do to get him to poop. He pooped this morning without any enema also. His appetite has increased tremendously. He is eating more food and more often.
Also, more recently Bryson has begun having movement in his right foot and toes! He has always had movement in his left foot and toes, but never on his right foot and toes (Bryson's level of spina bifida is at L1-L5, so he is paralyzed from the waist down). Having movement in his feet and toes is astounding! I don't think he has any sensory or sensation yet, but he definitely has something going on to have movement. He wiggles his toes when I run my nails down the bottom of his feet. He is actually responding to the Babinski's reflex test, which makes your toes flex outward when stimulated.

These are just the few things I've seen in my son since his treatment by NCIM. I will let you know of any other improvements as they happen.

Kara Underwood

You can read more on a blog site set up to showcase Bryson's story and especially his response to his treatment with adult (nonembryonic) stem cells: http://www.stemcellsforbryson.blogspot.com/

FACEBOOK ENTRIES (2012)

Kara Underwood

5-11-12

Just wanted to share some progress I saw in Bryson last night! I noticed when he was on his tummy, he lifted his right leg off the ground and held it there for quite some time! I was just sitting there watching in amazement! Both of his legs are moving like crazy at night too!

Kara Underwood

5-12-12
My mom and I were at Alco today letting Bryson pick out a toy and when he rides in the shopping cart, his legs usually just hand down and dangle, but he actually straightened his left leg from the dangling, bended position! Mom and I both just looked at each other and I bent it back down and he lifted it again, and again! One happy momma and one happy Nana! Praise God for taking the stem cells right where they need to be! Bryson continues to make progress every single day!

**Kara Underwood**

5-14-12

Such great news to share!!!! Bryson just went to therapy and the therapist says his left leg is definitely moving and extending by using his quads and hamstrings that are firing! Also, his right hip flexor is firing! God is making the stem cells work quicker than we could ever even imagine! To God be the glory!

**Kara Underwood**

5-14-12

Take That Spina Bifida!!!!!!

[http://www.youtube.com/watch?v=MzVCY3LHO5M&feature=share](http://www.youtube.com/watch?v=MzVCY3LHO5M&feature=share)

Bryson doing leg lifts. This video was uploaded from an Android phone

**Kara Underwood**

6-4-12

Knew I would get a good report from the therapist! It just keeps on getting better! Bryson now has slight firing in his left hip! So, he has active hamstring and quad function in the left leg, now slight firing of the left hip, active firing in the right hip, and movement in both feet and toes! God is so good and thank you Jesus!

**Kara Underwood**

6-15-12

Update on Bryson since stem cell treatment! WARNING-may contain too many details and too much information! Lol!
Because Bryson has spina bifida, he has what’s called neurogenic bladder and bowel. This means the nerves don’t get signals to the brain to go potty like everyone else, so he has to take stool softeners and laxatives on a daily basis in order to go potty. He is currently refusing to take his meds and I have tried everything and I was at my wits end, so I’ve just left it in God’s hands for the past several days, and without any medication, he has pooped totally on his own, with no stool softener or laxatives! He also felt stomach pains for the first time ever from having diarrhea, which should not happen to someone who is paralyzed from the waist down! This may not sound exciting to most people, but to a mom of a child with spina bifida, this is huge! Go stem cells go! I’ve never thanked Jesus for poop and a stomach ache before, but you bet I am now!!!!!

Kara Underwood

7-1-12

I’m one excited momma right now! Bryson just crawled on his hands and knees for the first time! He crawled 4 big steps before his legs gave way! He has never done anything but army crawl, using his arms, with his legs dragging behind him! He actually crawled on his hands and knees by sitting on his knees and pulling them forward by using his legs! Yay! My God is so good all the time! Thank you, Jesus, for your continued healing! Go stem cells go!

Kara Underwood

7-1-12

My little man just crawled on his hands and knees about 6 feet without stopping! Praise God! Can I get a woot woot!

Kara Underwood

7-2-12

Thanks to God and Nova Cells Institute, Bryson is doing better than ever after his stem cell treatment and he is walking so great in his RGO braces now!

VIDEO: Go Stem Cells Go!!!!

Bryson walking in RGO braces after stem cell treatment. He is getting better and better!

“Bryson’s Story” an 8 minute, 40 second video compilation “showing progress from birth until stem cell treatment in 2012”: http://www.youtube.com/watch?v=JqySzJ7smKA&feature=share
Kara Underwood commented on TLC (July 23, 2012)

Praying for Mama! God is still the Great Physician and Healer and the bible says that if you are all believing in total healing, and you are all standing in faith together, your Mama will be healed! Something to think about that will make a huge difference in her quality of like is stem cell treatment. Stem cell transplants are doing phenomenal things for so many diseases today and my son, age 3, who has spina bifida and is paralyzed from the waist down, got stem cell treatment 3 months ago and he is already seeing major results! He is moving his toes, crawling on his hands and knees and is walking in braces with a walker now! He is also off all medications as well! God led us down the path of stem cells for our son and He is making sure those stem cells go right where they need to be in his body and my son is being healed more and more every day! Praise God! God bless your entire family and you are all in my prayers, especially Mama :)

Stand By Mama in Her Fight Against ALS: Cake Boss: TLC

Kara Underwood

8-20-2012

Bryson is getting so good at walking in braces with his walker! Miss Elsie is just there for added support and barely has to touch his walker now! He’s doing all the work totally on his own! I am so proud of my little man! We were told Bryson would absolutely NEVER do this and look at him go! Praise God! Nova Cells Institute and their stem cells rock!

LATEST VIDEO: http://www.youtube.com/watch?v=3ygQiXU_wA&feature=share

Monday, August 20, 2012 – Rural TV Feature on Bryson and Donation Information!

http://stemcellsforbryson.blogspot.com/2012/08/well-night-we-have-all-been-waiting-for.html?spref=fb

JULY 2014: VIDEO UPDATE: Bryson Chailer walking without braces!

Kara Underwood posted this video of her son, Bryson, walking without braces to YouTube on Thursday, 7-24-2014: https://www.youtube.com/watch?v=yIr5DJyyg6k&feature=youtu.be
Bryson Chailer has some a long way thanks to faith, therapy and, yes, stem cell medicine!

If you are not acquainted with Bryson’s story here is a link to an earlier Nova Cells Institute blog entry that contains information, links, photos and more: https://ncimx.wordpress.com/2012/05/06/bryson-chailer-rapid-impressive-improvements-in-child-with-spina-bifida/

-photo of Bryson with his Mum, Kara Underwood, taken during December 2013

SEPTEMBER 2014: Facebook video & written update by Kara Underwood on her son, Bryson

Kara Underwood

Walking on the treadmill for the first time in his life! He’s in a harnessing system and only has braces from the knees down! We were told he would NEVER in his lifetime do this! All I have to say to every doctor that said NO and he CAN’T and he NEVER WILL is this.......we serve an awesome mighty God who says my son WILL WALK! He promises healing to all who ask for it as we receive it for our son in the name of Jesus!

RIKKY FORESMAN

SUN GAZETTE NEWSPAPER ARTICLE - ‘Blazin’ a trail’ - Dad: Son develops feeling, increased motion in his legs after stem cell therapy
(January 16, 2014)

The Rikky Foresman saga continues: “Rikky is standing!”

Blazin for Rikky – March 3, 2014

https://www.facebook.com/BlazinforRikky

Rikky is standing!!!

READ MORE ON RIKKY FORESMAN AT
https://ncimx.wordpress.com/?s=Foresman
Tatyana Kushniryuk

My son Roman was born with Spina Bifida in 2010. He is a L4-L5 level which means he cannot void on his own and does not have bowel control. His legs were very weak and he could not walk independently until he was 2.5 years old. He was able to hold on to a walker and push it slowly but the big change came after stem cells. He received his first stem cell treatment in China, and in Mexico twice since then. The latest change was from Mexico.
We arrived to San Diego a few days before treatment and checked into our hotel downtown. The next few days we spent exploring the city and taking a trip to the San Diego SeaWorld courtesy of Warrior Families Beating Spina Bifida Foundation. Roman really enjoyed that trip because he got to see the sea lions and pet the little sharks. He was not as excited about Shamu as I was.

The next day we were escorted to Mexico across the border with Grace and Abel Peña. They were really great and picked us up in their car and drove us to the hospital. The staff greeted us as we registered in as patients, signed some papers and answered questions about his blood type etc. I can understand how some people may be cautious signing things and giving consent to doctors in a different country but since I knew Grace and Abel from our previous trip to Mexico, I was at ease.

The doctors and nurses were very accommodating and made sure we were comfortable with our room and the procedure. It was much faster than I remember it the first time. The anesthesiologist and doctors talked about how they would only put him to sleep for a very short time and not keep him under sedation when not necessary. They had performed the spinal taps many times and knew their jobs very well. I felt confident in their care and did not have second thoughts about the procedure. I only wish that Roman cooperated as well as I thought he would. He did not like the taste of versed (the relaxing serum before procedures) so we opted to take him without it to the procedure room. The hospital has the coolest stair case that has a slide like side so they can transport people in a wheelchair up and down the twisty ramps.

During the procedure, Grace and I went to eat at a local place so that I would not be nervous and we hurried back because Roman was not going to be in the procedure very long. After we came back, Roman was not awake yet but was brought in soon after. He did great; there was no pain in his back or the IV. He was a bit freaked out thinking that the procedure was just beginning after looking at his IV. It took a while to convince him that we are all done.

After about half an hour, he began eating everything, and I mean everything he could get his hands on. The Jell-O, the rice, the juice, the fruit cup. We had asked for refills. He was feeling really great; He said “Is this Mexico? I like Mexico”...while he’s eating
and watching Netflix on our laptop. (by the way, wifi works there and I would take a laptop with Netflix if you have it.)

We had a great experience and soon after we left back across the border to our hotel room. We stopped on the way while Grace and Able treated us to some local cuisine of ice cream, then sandwiches while walking around the outside mall.

Since the trip we have noticed Roman waking up in the middle of the night saying he feels his butt more and that he has to go pee. One day after about 1.5 months he had a wet diaper. He has never had a wet diaper in 6 years! Since then his recurrent infections suddenly stopped and he has been having more strength in his legs to run and walk without his AFO shoes. I am excited seeing these results they are truly worth it! The peeing is becoming more consistent and we are seeing good results in his muscle strength as well.

I encourage anyone that wants to give their kiddo a chance to improve their life to take a chance and make this trip happen.
**Ryan Neighbors**

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**Ryan Neighbors News Release on “The Shine” (Europe’s largest spina bifida charity)**

On Sunday an NCIM press release on little Ryan Neighbors appeared on 3 PR services (24-7 Press Releases, Fire PR in the UK, and Free Press Release) and in the handful of hours since has created a bit of a positive stir. For one thing, Europe’s largest spina bifida charity picked up on tweets of the press releases and ran them on their main website.

“We are starting fundraising again this weekend. and our goal is to be back (to Nova Cells) by this summer/fall

“Ryan’s core strength is MIND BLOWING. She’s breathing so much better and eating all sorts of different foods. She is also writing her name and is able to stabilize her trunk and balance when in a crawling position and when standing. Her legs aren’t doing as much as we hoped, BUT she has gained so much strength in her core and in other places I never even thought of it helping her legs. I know for a fact we wouldn’t be where we are today without your help and the stem cells. Hopefully a 2nd round will do much more.

“We love you guys and can’t wait to see you again.

“GOD IS GOOD. Love you guys MUCHO!!!!”
AND IN A FEBRUARY 10, 2014 EMAIL SHELLY HAD THIS TO SHARE WITH NCIM:

I have so much to tell you and show you!

Ryan is moving her legs on her own CONTROLLED!! We’re not walking – but this is a step in the right direction.

Not only that – but she recently had a sleep study to check on her central sleep apnea. Before stem cells, she was having 66 episodes per night. After we Only had 7! They are thinking about taking her off her oxygen!

We hope to see you all again before this fall. I have videos to send but I’m at the gym. I send them when I get home. We love you and hope all is well.

Xoxo

Central sleep apnea episodes fall from 66 per night to 7 in Ryan Neighbors, reports mom (Shelly)

IN A FEB. 10 2014 EMAIL TO NOVA CELLS INSTITUTE, SHELLY NEIGHBORS SHARED THIS EXCITING NEWS ABOUT HER DAUGHTER RYAN:

I have so much to tell you and show you!

Ryan is moving her legs on her own CONTROLLED!! We’re not walking – but this is a step in the right direction.

Not only that – but she recently had a sleep study to check on her central sleep apnea. Before stem cells, she was having 66 episodes per night. After we Only had 7! They are thinking about taking her off her oxygen!

We hope to see you all again before this fall. I have videos to send but I’m at the gym. I send them when I get home. We love you and hope all is well.

Xoxo

CHECK OUT THESE PRIOR BLOG ENTRIES ON RYAN:
https://ncimx.wordpress.com/?s=Ryan
Danielle “Dani” Nicole Smith entered September the world in 2006 with spina bifida (Myelomeningocele). Her Mum had this to share about her condition and the treatments that followed:

“With Myelomeningocele her spinal cord did not completely form and resulted in partial paralysis from the waist down. In her short life, Danielle has had five major operations. She had neurosurgery to place her spinal cord back in her body, three brain neurosurgeries, and double eye surgery. Followed by three stem cell treatments and a whole lot of physical therapy. She wears AFOs (leg braces) and uses crutches to walk. Despite everything that she has been through, Danielle has a pleasant demeanor and is a typical six-year old. She is an absolute joy to us and we can't imagine our life without her.”

During June 2013 little Dani was treated in Mexico by Nova Cells Institute (NCIM) using primed stem cells and its proprietary Beacon Factor. Here is an abridged version of what Dani’s Mum shared about all this on a blog set up to showcase her progress:

July 15, 2013

DANIELLE HAD HER STEM CELL TREATMENT!!!
On Tuesday, June 25th, we were picked up by Grace and Abel Pena who drove us to the Women's and Children Hospital in Mexico. Grace and Abel are truly wonderful and caring people!

First, Dr. Trujillo, an Internist came to see Dani and check her vitals. The nurses drew blood for the lab. Shortly after this the nurses gave Dani a dose of "the Beacon Factor" developed by Abel. This is to help "home" the cells to the target area. We waited for the Beacon Factor to work it's way into Danielle's system for 3-4 hours. During this time, we were visited by Dr. Montero the Anesthesiologist and the Neurologist. The Neurologist had Dani perform tasks, such as lifting her legs and arms to test her abilities.

At 6pm. the doctors took Dani in for the spinal procedure. A small amount of fluid was removed from her spine and the donated stem cells injected. A portion of the stem cells were also administered through IV. The procedure went well. Within an hour Dani was waking up and hungry. We departed to cross the border back into the US at around 9pm. It took an hour to cross the border. Attempting to cross earlier in the day can take 3-4 hours.

Dani had a headache and backache the next day. We stayed in the hotel room and relaxed while Jeff and Samantha played in the pool. I am glad that we had a few days after the procedure for Dani to begin feeling better before we flew home.

Since we've been home Dani has been great! I have slowly added back her daily exercises. She is back on the treadmill and I am working my way up to a four week at-home intensive physical therapy program. Danielle knows that we hope this surgery will allow her to walk independently and she is so excited!! She is trying to walk everywhere herself and doesn't want help. I told her that it will take a little time to see the results. When she had her own stem cells with the same procedure it was 2 months post treatment that she took her first step and 4 months post treatment for multiple steps. We expect the same timeframe of 2-4 months to begin to see really positive results. Thank you all for helping to make this happen!!! And..... please keep the prayers coming!!

August 20, 2013

It's been almost two months since Danielle's stem cell treatment. She is such a determined little girl that really wants to walk independently. Dani has worked her way back to a full load of physical therapy every day, weekends off. She is using her top weights on the Universal Exercise Unit. School started today and she was up at 5:30am to exercise. We practiced walking outside for two weeks to build up her endurance for distances before returning to school.
Danielle can feel hot and cold on both of her feet. She can feel all of her toes and has more sensation on her legs!! Dani can also feel around her spinal closure on her back (basically the whole bottom half of her back). Dani is walking and attempting to walk all over the house. She is so excited and doing a great job.

We are in the process of planning for Dani to take an intensive physical therapy program. It is so important to follow up the stem cell treatment with intensive PT.

**VIDEO OF DANI SMITH BELOW: Published on Nov 20, 2014**

Danielle "Dani" Smith has Spina Bifida and told she would never walk. With a stem cell treatment from Nova Cells Institute Mexico, Dani is walking today. Give kids a chance to grow.

https://www.youtube.com/watch?v=RUBvyFt0Vm4
Gabe Smith

Gabe Smith (Spina Bifida): Making rapid progress

My name is Kristin Smith and my 2 ½ year old son, Gabe, has myelomeningocele type spina bifida affecting the L3-L4 region of his spine. He also has a VP shunt in place. When he was 1 ½ years old we took him to China for his first stem cell treatment where he received eight (8) intravenous IV treatments with umbilical cord stem cells along with acupuncture, physical therapy, fire cupping and massage. The cost was $30,000 USD. Prior to this treatment Gabe was unable to use his legs and had low hip movement as well as low sensation and poor blood flow in his legs and feet. Following his treatment, he was able to move his hips enough to use an RGO brace (which basically supports his legs and moves them once he initiates movement with his hips) that allows him to walk with a walker. In addition, he had greater sensation to his knees and was able to support himself on his knees while holding onto something. He also experienced more sensation in his penis.

In May 2012 we went to Tijuana, Mexico for his second stem cell treatment with Nova Cells Institute (NCIM). We had heard many wonderful things about this group especially with regard to the rapid results that families were seeing in their spina bifida-affected children following treatment with Nova Cell’s primed stem cells. At the same time we also heard many negative things about the north Baja area, as I’m sure most people from the States have, e.g., violence, kidnapping, dirty, dangerous, etc. We went despite the rumors and are so thankful that we did! To our surprise Tijuana is very clean, full of nice people and a lot of uniformed young children walking around and playing after school. We ate in a local restaurant around 8 pm and never for a second felt insecure or in any danger whatsoever. It was the opposite of what we were told by well meaning friends and other who were basically just speculated wildly. We had great food and while waiting to cross the border (back into the US) were able to buy some great souvenirs from the local people who were working hard to support their families.

As for the treatment itself, NCIM’s Grace and Abel picked us up at our hotel in San Diego and were simply the best hosts you could ever hope to find. Once at the clinic,
our son did not cry when we handed him to the doctor because Abel was in the OR with him throughout the entire procedure which made him feel totally at ease. The procedure went perfectly and his legs almost immediately warmed up (better blood flow) which made both he and us so very happy. Grace stayed with us during Gabe’s treatment and recovery, comforting us and answering all our questions, and then went with my husband to get some food. Amazingly, after they returned with the food our big boy ate an entire plate of chicken and rice thirty. Hardly (30) minutes had elapsed since his treatment!

Within the first week after Gabe’s treatment, we began seeing improvements. Among them:

- He was able to consistently crawl while pulling his legs underneath himself.
- He was able to climb up 10 stairs without help, pulling his legs up all by himself.
- Also, his therapist realized that he was no longer relying on his RGO to move his legs, but was using his own leg muscles to walk!

All of these gains represented firsts for Gabe, mind you.

Now it has been almost two (2) months since our treatment and he is moving his legs from the knee, and has a lot more strength. He has more sensation further down his legs and is a lot faster and more mobile. Also, he is able to move around during play in ways that he never could before.

I would be remiss if I did not point out the vast difference between Gabe’s treatments in China and then Mexico (Nova Cells): The Chinese stem cell & other treatments took place over many weeks, cost $30K USD, and produced some modest physical improvements. The Nova Cell's primed stem cell treatment took a single day, cost far less than the Chinese treatment, and produced very impressive improvements in Gabe literally coming out of the gate and continuing to this very day.

To say we are all more than delighted with Nova Cells and the wonderful people who make up the NCIM family is an understatement.

Readers should feel free to contact me at kristinsmith32@gmail.com but please put something in the subject line pertaining to stem cells so I do not think it is spam.
JULY 21, 2012 VIDEO OF GABE:

http://www.youtube.com/watch?v=u4xsGl926yo&sns=fb (28 seconds)

ADDITIONAL VIDEOS OF GABE CAN BE FOUND BY CLICKING THIS LINK:
https://www.youtube.com/results?search_query=mospina85

Samantha Stiles

Samantha Stiles benefits greatly from NCIM stem cell treatment

Little Samantha came to NCIM wearing braces and using crutches to get about which made it possible for her to walk albeit with great difficulty.

In the months following her treatment by NCIM doctors using primed stem cells Samantha’s mother Jennifer reported she is walking more independently and appears to have gained strength in her legs. She added that Samantha “..walks often holding onto my hand or her little toy cart which she was not strong enough to do, she has a lot more confidence. I feel like she has gained sensation further down her legs. She says she can feel her great toes and she tells me she has to go to the bathroom more often like she has gained some sort of feeling. We have had to move her crutches up 3 notches because she has grown taller. I haven’t noticed any more ankle strength but more muscle tone and strength in her legs and now is standing taller & straighter with more confidence without her braces”.

More recently, Jennifer Stiles wrote NCIM that Samantha is has been getting ever stronger and as-a-result does not use her crutches at all anymore and is now walking and dancing all over the place using only her little braces. The Stile family are hoping that Samantha will be able get rid of her braces in the near future.
Canadian man 10 years out from a stroke recovers lost body functions in 7 days time!

Photo – Truro Daily News (2013)

Dan Huntley is an outgoing chap who had a stroke almost 10 years ago that left him paralyzed on his left side and which in-a-sense turned his world upside down. While his doctors cautioned him to accept his disability and make the best of things, Dan kept looking for ways to restore his former independence. A December 2013 Truro Daily News article on Dan titled “Truro stroke survivor has renewed hope with new car” reflects Dan’s quest for this.

After reading about Arthur Rechlo’s incredible turnaround in the St. Albert Gazette, Dan felt that any treatment that could make such a difference in an advanced dementia patient might do something good for him. He then contacted Nova Cells Institute and began a dialog with NCIM’s patient educator & care coordinator.

Long story short: Dan was treated over two consecutive days in early May (5-7 and 5-8). Within a very short period of time he reported that his energy level had shot up to what it had been when he was in his 40s and 50s, and on top of this he was feeling “tingling” in his paralyzed left side.

Dan is back home in Canada now and welcomes calls from well-wishers and those interested in learning more about his Nova Cells treatment and his response to-date.
Those interested in connecting with Mr. Dan should email NCIM at NCInfodesk@gmail.com or call 1-562-916-3410.

From an email sent NCIM on 5-11-2015 by Mr. Dan:

I can feel bottom of left foot normal and itchy. I can relax and sleep like before stroke. Now I know I have a left side on my body. Foot working little by little. WOW!

And in a 5-12-2015 phone call to NCIM, Mr. Dan shared these new developments:

(1) The depression and anxiety that has dogged his steps during most of the years following his stroke has utterly dissipated.

(2) His memory has come roaring back (He is remembering things his stroke robbed him of going back decades).

(3) He can now lean on his left side and stand.

(4) He senses that his paralyzed left hand is about to come to life and begin working.

And this from an email sent NCIM on 5-14-15 by Mr. Dan:

3 pm Thursday May 14. Praise the Lord, today I walked some without assistance. No cane. I will be going 22 May for bladder tests and hope my bladder is good by then. Wow, I am coming back to life. This is truly a miracle in the making. This is the next generation in medicine [I have felt this way since I first investigated the Nova Cells treatment. Our medical system is money hungry. They must give us this great chance to be healthy as the good Lord intended us to be]. God bless you all! -Dan

And there is this from an email sent NCIM by Mr. Dan on Saturday, 5-16-15 (9:06 pm Nova Scotia):

I can feel the toes on my left foot.

Mr. Dan contacted the Truro Daily News about his turnaround and was interviewed by a reporter on 5-20-2015. He tells NCIM that “CTV news may follow my treatment with an interview some time later”.

In addition, he plans on seeing his neurologist in the very near future. Once this MD sees the rapid improvements he has made, he will ask for approval to enter a physical therapy program to reinforce his gains and build on them.
Dan Huntley now standing on his own! (This photo sent to NCIM on 5-17-2015)

TRURO DAILY NEWS article on Dan Huntley

Truro stroke survivor has renewed hope with new car

Published on December 19, 2013

TRURO – Dan Huntley didn’t take his doctors’ advice when told to accept a disability following a stroke.

Huntley, an Antigonish native who moved to Truro this past summer, suffered a stroke eight years ago this coming March and was told he would never walk again. He proved his doctors wrong and has since gotten his driver’s license back.

“I believe in it and I believe it’s the next generation in medicine, just like penicillin was,” said the Truro resident. “Regardless of what Canada and the U.S. says about it. They don’t know about it. I didn’t know about it, but I know about it now.”
6-27-15 update from NCIM’s chronic stroke turnaround hero, Dan Huntley (Canada)

On June 27th Nova Cells Institute (NCIM) chronic stroke patient, Dan Huntley (Photo – Truro Daily News (2013), sent this email update to NCIM’s patient educator and care coordinator:
It sounds like you are very busy helping the needy. Update: I now have movement in my left elbow which was previously locked at a 90 degree to 45-degree angle. Also, my walking continues to improve and I can now actually feel the leg muscles working. Amen, praise God, and God bless you, and all the angels at the hospital in Mexico. Say “Hi “to Dr. R. for me and to all the nurses also. A big thank you and love to all, Dan ❤️任何形式的关爱都弥足珍贵。
Nova Cells - FAQs (Frequently Asked Questions)

Q. Where is Nova Cells Institute’s labs and treating facilities located? Is this area of Mexico safe? What's the nearest US city & airport?

A. NCIM’s lab is located in the state of Baja, Mexico. Patient treatments are done in Mexico in clinics and hospitals conveniently located near the San Diego-Tijuana border.

Many Mexican specialty clinics and physicians are utilized by Nova Cells program. This includes imaging centers that handle doing MRIs, CTs, and X-rays; specialists in neurology, cardiology, respiratory medicine, internal medicine, ER (traumatology), orthopedic medicine, pediatrics, urology, oncology, etc.; hospitals and clinics that are equipped and experienced in doing tissue harvesting and treatments by various means including intravenous (IV) drip, intrathecal infusion (“lumbar puncture”), catheter, and more.

Cooperating clinics and hospitals are located very close to the US-Mexico border. This area is very clean and secure. Read what these 2 NCIM patients had to say about this.

"I wanted to let everyone know about the hospital, doctors and staff in Mexico where I was treated. The hospital itself was more than I expected in every aspect. It was clean, neat, quite attractive and the room they had me in was better than most in the USA - it was large, well lit, nice photos on walls, great furniture and bed and very quiet. The doctors all came to introduce themselves, to chat some and all were friendly, smiling, happy and no hurry to rush away. They were well dressed too. The nurses, well, I could not have asked for any that would have been better. Aside from language differences and the fact that I know little Spanish, we got along great. They were all friendly, happy, smiling and took great care of me, even got hugs. The woman who served meals, she was a great middle-aged woman, also with smiles and making sure everything was to my liking. Even the cleaning woman was friendly, smiley faced. The surgery room was also very neat, clean and more than I expected. All in all, I would certainly calm any fears that people have about Mexican hospitals and doctors and staff at this facility."
“As we passed the border through to Mexico, it was no different than passing into a different US state. There were normal gas stations, nice restaurants, hotels and everyday people trying to make a living. Nothing was scary or at all like what you hear about Tijuana. When we pulled up to the children's hospital, we were greeted inside by the receptionist. Even though there was a language barrier between us and the nurses and assistants, they were very patient and really tried to communicate with you and help us understand.

“Once in our room, which was extremely nice and CLEAN (much nicer than most U.S hospital rooms I've stayed in), each of the doctors introduced themselves to us and let us know what part in the treatment each would be performing.” –

**Michelle Neighbors**

(You can read more at [https://ncimexico.files.wordpress.com/2018/05/a-stem-cell-breakthrough-for-little-ryan-neighbors-sept-2013.pdf](https://ncimexico.files.wordpress.com/2018/05/a-stem-cell-breakthrough-for-little-ryan-neighbors-sept-2013.pdf))

NCIM's treatment facilities are closest to San Diego, California, USA. As a result, most Nova Cells patients fly into **San Diego's Lindbergh Airport** and stay at hotels either near there (Many of which offer free shuttle service to and from the airport). On the day of treatment patients and their companion(s) are picked up and transported to and from Mexico by an English & Spanish language fluent driver (There is no charge to transport the patient and up to three others, e.g., attendant caregivers and/or family). Note that patients and their companion(s) coming from outside Mexico including minor children will need to bring their passports with them in order to enter and leave Mexico.
Q. Do Nova Cells affiliated clinics and its stem cell program adhere to the highest standards?
A. NCIM affiliated and contracted clinics are all in good standing in terms of meeting regulatory standards set forth for medical clinics by the Department of Health, State of Baja, CP, Mexico.

Q. What kind of stem cells does Nova Cells utilize to treat people?

1. **Bone marrow stem and precursor or progenitor cells** taken from a modest bone marrow sample harvested from the patient.

2. **Umbilical cord blood stem cells**. These come from disease-screened cord blood from Type O blood that is gender matched to the patient-recipient.

3. **Umbilical cord Wharton’s jelly-derived stem cells**.

4. **Placental stem cells**. These come from disease-screened placentas donated by healthy young women in Mexico who gave birth to healthy babies.

**Note:** NCIM does not harvest or use adipose (fat) stem cells nor does it use fetal or embryonic stem cells.
Q. Which diseases & medical conditions does NCIM treat?

A. NCIM handle many kinds of medical conditions including neurologic issues and cancer. It has had notable to stellar responses/outcomes in individuals with spinal bifida, cerebral palsy, diabetic neuropathy, traumatic brain injury (TBI), multiple sclerosis, and spinal cord injury (SCI). Its immunologic-based cancer therapy approach has resulted in partial and total remission in individuals with advanced, disseminated (metastatic) prostate and other forms of cancer.

Q. How does NCIM’s pricing compare to other foreign stem cell medicine clinics and hospitals?

A. Nova Cells treatments generally cost appreciably less than most others offered by private Baja-based clinics doing stem cell-focused therapies, and very much less than most of the stem cell treating programs it has cost figures on in Panama, Thailand, China, South Korea, the Ukraine, India and elsewhere.

Q. How can Nova Cells doctors and scientists be sure the cells they use are safe?

A. The use of adult stem cells from cord blood and autologous bone marrow has been going on with respect to the treatment of certain blood borne conditions including leukemia for many years now in the United States and elsewhere. These typically involve the use of chemotherapy
or radiation to eradicate the patient’s diseased bone marrow followed by an infusion of non-diseased bone marrow from a donor or the patient or else stem cell–rich cord blood as a way to repopulate the bone marrow with healthy tissue. Chemotherapy and radiation carry with them short-term side effects and long-term risks. But the use of adult stem cells such as those from healthy HLA matched donor bone marrow and umbilical cord has generally proved safe over both the short- and long-term. This is not to say adult stem cell therapy is without risks. There are lots of unknowns. Some researchers, for instance, have found evidence that when certain stem cells are grown in culture they undergo aging and may incur deleterious genetic changes. With this said, reports of short term and downstream (long term) negative outcomes in the tens of thousands of patients treated with adult stem cells in private stem cell clinics across the world are “few and far between”. Exceedingly few if any genuine “horror stories” have emerged, with most of these involving transplants of fetal embryonic cells or “fetal cells,” infections because of contaminated cells and implants of adult cells directly into a diseased organ. Here are a few of the better known:

In 2001 a boy with a crippling neurodegenerative disease called ataxia telangiectasia (AT) was treated with injections of human fetal neural stem cells into his brain and spinal canal in Moscow (He had additional treatments in 2002 and 2004). Four years following his first treatment he was diagnosed with a brain tumor that was determined to be a slow growing “glioneuronal neoplasm.” And in 2010, a woman with an autoimmune kidney disease called lupus nephritis died two years after receiving an experimental stem cell treatment at a private clinic in Thailand. Apparently stem cells from her own bone marrow were injected directly into her kidneys resulting in gradual loss of function in first one kidney, then the other. The direct injection of stem cells into kidneys is a departure from what the vast majority of private stem cell clinics advertise, which are intravenous (IV) drip infusions. (4) Infections occurred on the heels of a stem cell treatment, indicating the cells were contaminated in the lab or the causative pathogen (disease-causing microorganism) was transferred by medical personnel administering them. For instance, three western MDs followed seven (7) spinal cord injury patients who were treated with fetal brain tissue injections at a hospital in China. They reported that five (5) developed complications including meningitis and none experienced “clinically useful improvements” (Most of the patients believed otherwise). It is, of course, difficult to get a handle on the precise numbers of stem cell treated patients who develop complications especially infections due to such things as patients getting treated for this back home and not reporting it to the treating clinic, varying policies concerning adverse event reporting by clinics in the various countries where stem cell therapy is allowed, clinic under-reporting or not reporting such incidences, etc. This said, those reports that have surfaced do not suggest such complications are commonplace or frequent (By contrast and to help put things in perspective: In the
United States approximately 27 million surgical procedures are performed annually. In 2001 the CDC estimated the about 290,000 Surgical Site Infections or SSIs occur every year. Approximately 8,000 patient deaths are associated with these infections).

For its part, Nova Cells takes great, even extraordinary care to ensure that the cells produced in its affiliated laboratories are carefully processed using equipment, technologies, reagents, growth factors and such that are suitable for producing cells for use in humans, and that these cells are free of microbial contamination and healthy and robust. It also contracts only physicians and other medical personnel who are highly qualified and experienced; men and women who work out of clinics and hospitals that are licensed and approved to handle not just the medical diagnostic and treatment aspects of patient care, but emergencies as well.

In addition, Nova Cells restricts patient enrollments to people struggling with terminal or intractable illnesses and medical conditions, as well as those faced with a situation in which the window of opportunity for seeing clinical benefits is likely to close in the near future. Those who do enroll and qualify for care are educated concerning the experimental nature, risks and unknowns in stem cell therapy.

Q. Who chooses the specific stem or progenitor (precursor) cells or blend of stem or progenitor cells that are used to treat a specific disease or condition?

A. Typically, NCIM’s team determines which specific stem or progenitor cell or cells or combination thereof is most likely to have clinical benefits in a given instance. In some cases, a physician’s experience points to way to the best treatment choice. In others such as when there is little or no reliable clinical experience to tap nor anything of a clinical experience nature published in the mainstream scientific literature, a decision is made based on whatever can be determined from published scientific and medical literature in tandem with insights provided by theory, logic, and reason.
Q. What about Nova Cells contracted laboratories? What exactly do they do?

The hematology laboratories Nova Cells utilizes in Mexico include government facilities. NCIM's Director of Laboratory Services, biochemist Dr. Abel Pena, both utilizes and has created a number of highly innovative technologies and methods which help ensure that the cells used – whether from the patient's own body or from a donor – are both robust and apt to confer maximum clinical benefit.

NOTE: In some instances, the stem cells are primed to become the desired bodily cell. To do stem cell priming, Dr. Abel Pena takes the stem cells and utilizes specific proteins to "prime" them to respond to biochemical signals in the target tissue by becoming bodily cells that support healing and restoration.

In addition to NCIM's proprietary priming method, stem cells are also exposed to a Beacon or homing factor (made up of specific cytokines and proteins) that help the primed stem zero in on the target tissue(s) or organ(s).

Q. Can you provide more details on the background of priming stem cells? Can primed stem cells cause harm?

A. Stem cell priming by definition encompasses many high varied approaches from exposing stem cells to specific drugs that promote their differentiation into specific somatic (bodily) cells to infusing stem cells with mRNA, microRNA, and other proteins to simply co-culturing stem cells with specific somatic cells that can influence what they become. The method Dr. Abel Pena developed actually exploits and plugs into mechanisms that nature uses to prod stem cells to follow specific developmental pathways, i.e., to prime stem cells to become neuronal cells or heart cells, for instance.
Originally Abel was trained in priming methods by a stem cell biologist who pioneered this for a major R & D corporation located in Irvine, California. This biologist used electroporation methods to open up stem cells so he could infuse them with naturally occurring proteins that would favor or prime them to differentiate into specific somatic cells such as neurons and astrocytes. This method did not cause mutations or otherwise alter the stem cell's DNA and resulted in no untoward effects in experiments in mice, rats and later chimpanzees.

Abel took this body of science and made it more effective. He also participated in the creation of a Beacon or homing factor that helps get stem cells to target tissues.

The combination of the priming method and Beacon factor is what has helped produce truly impressive clinical responses in both children and adults.

No side effects or adverse effects have been reported and are not expected as Abel's method does not impact DNA -- it simply furnishes proteins to stem cells that they process normally with the end result one of prodding the stem cells to become a specific bodily cell.

Here are links to but a few of the many papers published on various ways to prime stem cells:


Transplantation of Neuronal-Primed Human Bone Marrow Mesenchymal Stem Cells in Hemiparkinsonian Rodents

Neurons and astrocytes secrete factors that cause stem cells to differentiate into neurons and astrocytes, respectively. Molecular and Cellular Neuroscience, Volume 23, Issue 3, July 2003, Pages 414–426


Q. Is there a phone number I can call to get more information on the Nova Cells program? Email address?

A. Yes, there is. For those who prefer to speak in English or Spanish, call 1-562-916-3410.

Those who prefer to email can send messages to NCInfodesk@gmail.com
The Nova Cells process at-a-glance

Enrollment in the Nova Cell Program. Provide copies of medical records.

Documentation

Evaluation of medical history, diet and lifestyles by Nova Cell doctors and staff. Nova Cell MDs and its scientific team may request additional testing or information.

Evaluation

Acceptance or denial of acceptance into the Nova Cell program.

Acceptance in the program or not

For those accepted into the Nova Cell Program: Nova Cells medical team craft a treatment plan proposal that is submitted to the patient.

Treatment proposal

Following acceptance of the treatment plan, Nova Cells doctors and other professionals create a customized dietary & lifestyle guide and submit this to the patient.

Customized diet & lifestyle plan

Patient is then treated and tracked for responses.

Treatment & follow-up
How to get more information

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E-mail: NCinfodesk@gmail.com