

TIJUANA, MEXICO, October 05, 2013 **/24-7PressRelease/** -- October is Spina Bifida Awareness Month and Nova Cells Institute of Mexico is pleased to mark it by sharing advances it has made in its treatment.

What is spina bifida? In-a-word it is a birth defect in which the spinal cord protrudes from a baby's back. While the back can be surgically closed before or after birth, the damage to the spinal cord typically results in permanent disability such as paralysis, hydrocephalus (fluid on the brain), bowel and bladder problems and other challenges. It occurs in 1 out of every 1500 births in the USA.

Nova Cells Institute of Mexico made spina bifida a focus of its research and clinical treatment program in Tijuana back in 2010. This includes treating children with spina bifida with adult (nonembryonic) stem cells that have been specially primed in the laboratory to become bodily cell types that foster restoration and repair in the central nervous system. In addition, those treated receive intravenous infusions of NCIM's proprietary Beacon Factor, a special compound developed by Nova Cell's chief biochemist, Abel Pena, and an associate of his which helps primed stem cells home in on their target tissues and increases blood flow in areas where it may be impeded.

This program has resulted in impressive gains in physical functioning in most of those treated. Two recent but not atypical cases are that of 7 year old Danielle "Dani" Nicole Smith (USA) and 3 year old Alejandra Masabo (Canada).

Dani was born in September 2006 with spina bifida (Myelomeningocele) which resulted in her being partially paralyzed from the waist down. She subsequently had neurosurgery to place her spinal cord back in her body, three brain neurosurgeries, and double eye surgery.

During June 2013 she was treated in Mexico by Nova Cells using primed stem cells and its Beacon Factor.

In the almost two months since little Dani's stem cell and Beacon Factor treatment in Mexico she has been doing physical therapy exercises with great fervor, being determined to walk independently.

Her mother Cindy shared the fact "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!" Also, the little girl now can feel sensations around the spinal (surgical) closure on her back which encompasses the whole bottom half of her back.

In addition, she is now sitting up without using her hands to accomplish this (something she could not do prior to her Nova Cells treatment), and will soon start doing her physical therapy exercises with a regular cane as opposed to the 4-prone cane she has been using for quite some time.

Canadian Alejandra Masabo was born during August 2010 with spina bifida which affected the functioning of her bladder and bowels, hips, legs and feet. Three years later (August 2013) her mother, Antonella, brought Alejandra to Mexico for treatment by NCIM where she received primed stem cells and its Beacon Factor.

Less than a month later Antonella shared this:

"Then...the other day, while playing with her in our bedroom, she surprised me with taking 2 crawling steps on her own towards me before falling over. I couldn't believe it! I have been working with her for over 1 year trying to get her to do that and never have I felt that she was about to do it. She has been able to get herself into the 4 point position but then she was stuck. She just couldn't make the connection to move her legs...until NOW!"

Antonella captured her daughter crawling about on digital video and then posted it to her Facebook page at <https://www.facebook.com/photo.php?v=491707030926413> along with this comment:

"It was 1 week ago today that Alejandra got her stem cell treatment and although I could feel there was a change (a Mother knows!) I didn't have any concrete evidence...until today! Check out this video of Alejandra taking her first crawling steps ever!"

Nova Cells Institute of Mexico (NCIM) conducts nonembryonic stem cell research and

Nova Cells Institute Announces Spina Bifida Advances

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treatments in Mexico. This work has resulted in the development of unique, innovative laboratory technology & methods for priming stem cells plus its proprietary Beacon Factor (A cytokine-protein combination that promotes stem cell homing and increases blood flow in organs and tissues where it is impeded or impaired). These advances have resulted in impressive clinical improvements in adults and children with a variety of neurological conditions, e.g., spina bifida, cerebral palsy, traumatic brain injury, etc. It also pioneered the use of donor granulocytes to treat advanced cancer.

NCIM maintains a US information line at 1-562-916-3410 and invites calls from 10 am to 7 pm Pacific Time, Monday through Friday. Nova Cells can also be reached by email at NCInfodesk@gmail.com