

Patient ID*: I393

AGE: 9/ Female

COUNTRY: Argentina

DIAGNOSIS: Cerebral Palsy with Spastic Quadriplegia, Mental Retardation and Myoclonic Seizures

Patient had this neurodevelopmental disorder since infancy. She also had paralysis in all four limbs which was gradual in onset and kept increasing. She had a history of seizures as she was also afflicted with mental retardation.

REASON FOR COMING FOR TREATMENT: Her parents had tried all available conventional treatments in the best neurology and child hospitals in her country. However, there was no improvement in her condition. Her parents thought of trying new emerging treatments like stem cell therapy, benefits of which they had heard about from other patients suffering from similar disorders.

TREATMENT: Mesenchymal stem cells derived from Wharton's jelly, of which she received 6 injections, 3 through intravenous route in a dose of 1 million cells/ kg body weight and 3 injections of adequate cells through the intrathecal route.

START DATE OF TREATMENT: 11th Oct 2012

BEFORE TREATMENT: There was no bowel or bladder control. She could not turn from side to side or prone to supine and vice versa. She could sit only with support, had no neck control, no speech and could only make non-specific sounds. Tone was increased in all four limbs.

AFTER TREATMENT: At the time of discharge she had better head control, spasticity in her limb and trunk had decreased, her posture had improved (she had better control over her body) and she was able to sit without support for a few seconds, something she could not do earlier.

Further follow-up is underway; additional improvements are expected in the next 6 months.

Disclaimer: Stem cell therapy using tissue stem cells does not fall under the realm of accepted modalities of treatment. The results reaped from this therapy may differ from person to person.

**To protect identity names of patients not disclosed.*