

Patient ID*: I192

AGE: 30/ Male

COUNTRY: South Africa

DIAGNOSIS: Spinal cord Injury (SCI) C6/C7 with paraplegia

The patient met with a road traffic accident in 2008, and suffered complete spinal cord injury. He was paralyzed from chest down with no movement of legs and partial movement of arms.

REASON FOR COMING FOR TREATMENT: The patient had tried all available conventional treatments in the best of spinal injury hospitals in his country and elsewhere. He found little improvement in his condition in the form of natural recovery in first year, but since last 2-3 years he had absolutely no improvements. He had heard of the benefits of stem cells and thought of trying this new emerging treatment.

TREATMENT: Mesenchymal Stem Cells derived from Wharton's Jelly of Human Umbilical cord. He received 6 injections of stem cells, 2 through Intravenous route in a dose of 1million cells/kg body weight, 3 injections of adequate cells through intrathecal route and 1 directly into the damaged part of spinal cord.

START DATE OF TREATMENT: 26thAug 2012

BEFORE TREATMENT: There was reduced tone and power in the upper limbs and fine movements of fingers were compromised. He had no power in abdominal muscles and lower limbs. There was spasticity in lower limbs.

AFTER TREATMENT: He felt more power and control in the upper limbs and better movements in the fingers of both hands. He also experienced more power in abdominal muscles because of which he could change from lying to sitting position more easily. His general wellbeing and confidence also increased.

On further follow-up after months later in his country additional improvements were noticed by his physiotherapist and his physiotherapy program was upgraded by 1 level (as informed by Freddy telephonically).

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.*