

Patient ID*: B330

AGE: 32/Female

COUNTRY: Poland

DIAGNOSIS: Spinocerebellar Ataxia (SCA)

She was diagnosed as SCA a few years ago. It began when she experienced difficulty in walking, balancing and climbing stairs together with slurring of speech, choking sensation while taking food and loss of bladder control.

REASON FOR COMING FOR TREATMENT: Patient had tried all available conventional treatments in the best of neurology hospitals in her country and elsewhere with no improvements. She thought of trying emerging treatments, benefits of which they had seen in patient groups with similar condition. The expectation was to improve quality of life.

TREATMENT: Mesenchymal Stem Cells derived from Wharton's Jelly of Human Umbilical cord. She received 8 injections of stem cells, 3 through Intravenous route in a dose of 1million cells/kg body weight & 5 injections of adequate cells through Intrathecal route.

START DATE OF TREATMENT: 01st Feb 2013

BEFORE TREATMENT: Cerebellar signs- Finger nose test was impaired

- Knee shin test was moderately impaired
- Supinator pronator test was impaired
- Gait was broad based and could not perform tandem walking.
- She took support of both hands while getting up

AFTER TREATMENT: During the stay several improvements were noted as mentioned below:

- Her tiredness and early fatigability improved and now she had to make less efforts to do the same daily chores which had made her less irritable and frustrated
- She had more power and energy to do whatever she wanted to do (her quality of life had improved)
- Her speech became better
- Her writing became better
- Her walking became better than before with better balance

Further follow-up is underway and additional improvements are expected on her return home.

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.*