

BEIKE BIOTECHNOLOGY

Patient Case Study

Ataxia

Male, 35 years, May - June 2018

Summary

Diagnosis	Sex	Age	Nationality
Ataxia	Male	35 years	Indian
Injections	Cell type	Admission date	Discharge date
9	UCBSC	May 29th 2018	June 19th 2018

Condition On Admission

The patient's chief complaint was an unstable gait, Inability to walk without watching one's feet, Excessive fatigue, High level of difficulty in climbing up and down stairs even with support, Inability to run or jump, Pain in the limbs after walking or standing for even a very short distance/time, Slight slurring of speech when tired.

Treatment Schedule

Patient received 6 umbilical cord blood-derived stem cell (UCBSC) packets by intravenous (IV) injection and lumbar puncture (LP), as per the schedule below:

Number	Date	Cell Type	Delivery Method	Side Effects
1	2018-05-30	UCBSC	Intravenous Injection	none reported
2	2018-06-01	UCBSC	Intravenous Injection & Intravenous Injection	none reported

Number	Date	Cell Type	Delivery Method	Side Effects
3	2018-06-07	UCBSC	Intrathecal Injection & Intravenous Injection	none reported
4	2018-06-11	UCBSC	Intrathecal Injection & Intrathecal Injection	none reported
5	2018-06-11	UCBSC	Intrathecal Injection & Intrathecal Injection	none reported

Condition 1 month after treatment

Condition 1 month after treatment: ?The patient mentioned that he could walk for longer period of times.

Condition 6 months after treatment

Condition 6 months after treatment: ?The patient mentions that he started to feel a regression of his improvements at 2 months after the treatment, He believes that most of the improvements he had are

Symptom	Parents' Assessment of Improvement
Balance	Moderate improvements
Coordination	Moderate improvements
Fine hand movements	Small improvements
Tremors	Not applicable
Control of movement	Moderate improvements
Muscle stiffness	Not applicable
Speech	Moderate improvements
Walking	Moderate improvements
Fatigue	Small improvements