

BEIKE BIOTECHNOLOGY

Patient Case Study

Ataxia

Male, 35 years old, May - June 2018

Background

Age: 35 years old

Sex: Male

Nationality: Indian

Date of Admission: May 29, 2018

Date of Discharge: June 19, 2018

Treatment Location: Bangkok, Thailand

Diagnosis on Admission: Ataxia SCA1

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	May, 30, 2018	UCBSC	IV	none reported
2 - 3	June 1, 2018	UCBSC	IV + IV	none reported
4 - 5	June 7, 2018	UCBSC	IV + LP	none reported
6 - 7	June 11, 2018	UCBSC	LP + LP	none reported
8 - 9	June 11, 2018	UCBSC	LP + LP	none reported

Condition On Discharge

The patient mentioned that he has already seen some improvements from the treatment. His gait was better and he could walk for a longer period of time. He was not tired as easily and was feeling less pain than before.

Follow Up Information

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

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

Please see an excerpt from the patient's 12 month assessment below:

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

BEIKE BIOTECHNOLOGY CO., LTD.

**16F Beike Building, 18 Keyuan Rd.,
South Area, Shenzhen Hi-Tech Industrial Park
Shenzhen, China 518057**

Tel: +86-755-8630-9277 Email: info@beikebiotech.com
Web: www.beikebiotech.com