

# BEIKE BIOTECHNOLOGY

## Patient Case Study

### Ataxia

Female, 59 years old, March - April 2018

#### Background

Age: 41 years old

Sex: Male

Nationality: Australian

Date of Admission: March 15, 2018

Date of Discharge: April 8, 2018

Treatment Location: Bangkok, Thailand

Diagnosis on Admission: Ataxia (Unknown type)

#### Condition On Admission

The patient was diagnosed with ataxia in May 2017. At treatment admission she had an unsteady gait and general balance problems. She had to use a walker to move around.

#### 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	March 16, 2018	UCBSC	IV	none reported
2	March 20, 2018	UCBSC	Intrathecal	none reported
3	March 23, 2018	UCBSC	Intrathecal	none reported
4	March 26, 2018	UCBSC	Intrathecal	none reported
5 - 6	March 30, 2018	UCBSC	IV + Intrathecal	none reported
7 - 8	April 4, 2018	UCBSC	IV + Intrathecal	none reported

#### Follow Up Information

**Condition at 1 month after treatment:** The patient reported small improvements, mostly in coordination, balance, walking, fine hand movements including handwriting and overall general

physical health. The patient's local noticed how well she was walking compared to before the treatment.

**Condition at 6 months after treatment:** The patient reported moderate improvements. She would now walk independently and was able carry things e.g. a tea cup, a dinner plate or a washing basket. Her local doctor mentioned that her balance and walking had improved.

**Condition at 12 months after treatment:** The patient mentions that she had important improvements since the end of the treatment. She is now able to walk unassisted with much better balance and she feels like the improvements have reached their peak and are stable. The patient's local doctor confirmed that she was now able to walk unassisted.

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

Symptom	Parents' Assessment of Improvement
Balance	Significant improvement
Control of movement	Significant improvement
Fine hand movements	Significant improvement
Coordination	Significant improvement
Walking	Significant improvement

All other symptoms in our follow-up survey were assessed by the patient as "not applicable".

**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](mailto:info@beikebiotech.com)  
Web: [www.beikebiotech.com](http://www.beikebiotech.com)