

# BEIKE BIOTECHNOLOGY

## Patient Case Study

### Ataxia

Female, 59 years, March - April 2018

### Summary

Diagnosis	Sex	Age	Nationality
Ataxia	Female	59 years	Australian
Injections	Cell type	Admission date	Discharge date
8	<a href="#">UCBSC</a>	March 15th 2018	April 8th 2018

### 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	2018-03-16	<a href="#">UCBSC</a>	<a href="#">Intravenous Injection</a>	none reported
2	2018-03-20	<a href="#">UCBSC</a>	<a href="#">Intrathecal Injection</a>	none reported
3	2018-03-23	<a href="#">UCBSC</a>	<a href="#">Intrathecal Injection</a>	none reported
4	2018-03-26	<a href="#">UCBSC</a>	<a href="#">Intrathecal Injection</a>	none reported

Number	Date	Cell Type	Delivery Method	Side Effects
5	2018-03-30	<a href="#">UCBSC</a>	<a href="#">Intrathecal Injection</a> & <a href="#">Intravenous Injection</a>	none reported
6	2018-04-04	<a href="#">UCBSC</a>	<a href="#">Intrathecal Injection</a> & <a href="#">Intravenous Injection</a>	none reported

## Condition 1 month after treatment

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 6 months after 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 12 months after treatment

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.

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