



Success stories

TREXO HOME



How Alex has used the Trexo to manage his hip health

Challenge: Alex, who is 5 years old, was diagnosed with spastic quadriplegia cerebral palsy. He had difficulty initiating steps on his own and overcoming his tone. Additionally, Alex was at risk of hip dislocation and was being monitored in a high risk program.

Goal: Alex's parents hoped that the Trexo would help to get him upright and prevent hip dislocation by providing weight bearing and correct movement. They wanted him to walk but found treadmill training required too much hands-on involvement.

Result: After 6 months of use, Alex's parents noticed major changes in his body. The biggest was at his hip X-Ray when his hip migration showed a reduction and Alex was switched to a lower risk program.

Noteworthy improvements included:

- Higher core strength and trunk control
- Heel strike while walking
- Increased knee flexion while walking
- New skill: drinking out of straw cup

LEVEL OF ASSISTANCE: MEDIUM

Trexo set-up:

- Partial weight bearing with support from saddle seat
- Medium trunk support with chest prompt
- Upper body support with arm prompts

Trexo gait settings: Alex started slowly, walking at minimum speeds and taking a couple hundred steps/ session. He progressed to longer sessions and now he walks at speeds of 25 - 30 steps/minute.

Frequency of use: Alex started with the Trexo 3 times/week, with 20 minute sessions. Over time he worked up to longer sessions, averaging 30 minutes.



Find the full story at: <https://trexorobotics.com/cp-hip-dislocation-management/>



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