



Success stories

TREXO HOME



How Trexo got Iris on her feet and walking

Challenge: Iris, who is 4 years old, was diagnosed with spastic quadriplegia cerebral palsy. Iris had difficulty with initiating steps and could not lift her legs due to low muscle strength. Additionally, she had high tone in both legs, which made walking difficult.

Goal: Iris's parents decided to get the Trexo to help her understand the proper pattern for stepping and to build strength. They had tried treadmill therapy before but had difficulty due to her high tone in the legs.

Result: After 5 months of use, Iris began to show improvements in her posture and started talking steps.

Noteworthy improvements included:

- Better posture and more core strength
- Patterning and initiation in steps
- Increased hip and knee flexion
- More frequent bowel movements
- Increased endurance to walk further
- Improved sleep at night

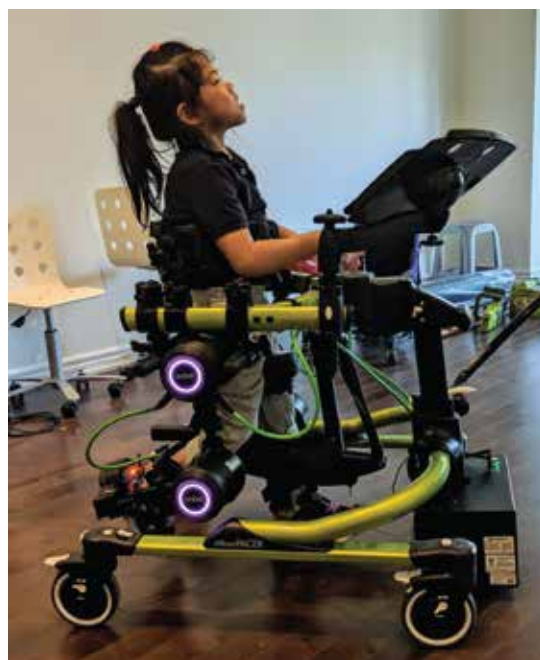
LEVEL OF ASSISTANCE: MEDIUM

Trexo set-up:

- Full weight bearing with reduced support from saddle seat
- Medium trunk support with chest prompt
- No upper body support (arm prompts removed)

Trexo gait settings: Iris averaged approximately 800 - 1,000 steps each Trexo session. To achieve this, she has been using the Trexo with a speed of 35 - 50 steps/minute.

Frequency of use: Iris uses the Trexo 3-4 times/week. Their sessions average 30 minutes in length.



Find the full story at: <https://trexorobotics.com/iris-before-and-after-trexo-home/>