



Success stories

TREXO HOME

How Trexo has helped Jacob build endurance



Challenge: Jacob, who is 5 years old, was diagnosed with cerebral palsy. At the time, Jacob could comfortably walk with a gait trainer. While Jacob could walk, his parents wanted him to build good walking habits so that he could continue to walk as he got older.

Goal: Jacob's family got the Trexo with the goal of improving his endurance and building strength. They also expected the Trexo to help Jacob improve his gait pattern so that he could use his gait trainer more when he started kindergarden in the fall.

Result: His parents noticed that "His speech has gotten better, body is stronger overall, and core muscles are working a lot more".

Noteworthy improvements included:

- Using his gait trainer longer
- Crawling further and faster
- Better balance when standing
- Improved hand coordination
- Speaking more clearly

LEVEL OF ASSISTANCE: MINIMUM

Trexo set-up:

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

Trexo gait settings: Jacob averaged approximately 2,000 steps each Trexo session. To achieve this, Jacob has been using the Trexo with a speed of 45 - 70 steps/minute.

Frequency of use: Jacob started at 2-3 times/week and worked up to 5 times/week during quarantine. His sessions are typically between 30 - 60 minutes in length.



Find the full story at: <https://trexorobotics.com/trexo-to-keep-gait-trainer/>



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