

Why the Levity?



The Levity Gait Trainer

- Designed to provide **partial body weight support** for people with walking disabilities.
- Provides a **large vertical range of motion** allowing the user to squat
- Hands-free design with an **open and foldable frame**.
- Add-ons offered to increase support provided to the user.

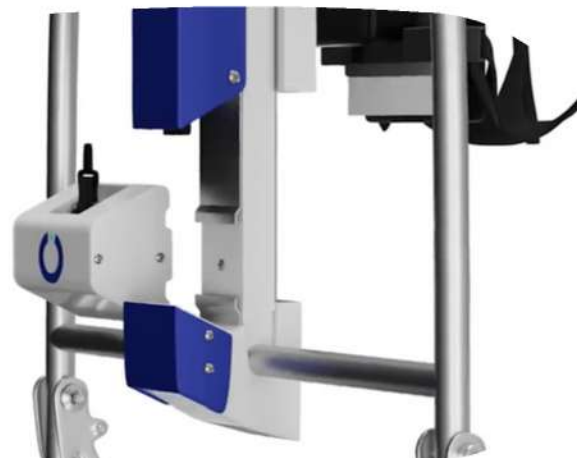
1 Partial body weight support

Ora has patented an adjustable body weight support technology that incorporates constant force springs within a canister. Its design enables quick adjustments in less than 10 seconds without the need for batteries. Partial body weight support could be:

- **Adjustable to the user's abilities and needs**
- **Capable of providing partial loading** on the lower limbs, facilitating the development or refinement of walking abilities
- Supportive in developing **lower limb muscle strength** and **bone mass**
- Contributory to **increased activity and reduced sedentary time**

Weight Canister

Six different weights available: 8 kg, 10 kg, 12 kg, 15 kg, 18 kg, and 22 kg



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2 Large vertical range of motion

The Levity is designed with a long rail on the user's back, ensuring long-term use and enhanced freedom. Because of this design, the Levity could enable:

- **Dynamic Movement:** Facilitates natural up-and-down body movement while walking.
- **Supported Squatting and Rising:** Provides constant support during squatting and rising activities.
- **Enhanced Reach:** Allows the user to pick up or manipulate objects at various heights.
- **Active Participation:** Encourages participation in a wide range of games and activities.
- **Functional Development:** Helps develop the strength and ability to squat safely—a critical function for daily activities such as sitting in a chair or wheelchair and getting out of bed.



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3 Hands-free design with open frame

Levity is a posterior gait trainer, and this type of gait trainer is known to offer a wide range of benefits:

- **Facilitates Use of Arms and Hands:** Enables the user to utilize their arms and hands during mobility, fostering greater engagement with the environment.
- **Enhances Strength and Control:** Supports the development of arm and hand strength and control when possible.
- **Promotes Exploration:** Encourages the user to explore their surroundings and interact with peers.
- **Encourages Active Participation:** Allows the user to engage in activities that are challenging to perform while sitting or in a held position.
- **Supports Daily Living Activities:** Assists with activities such as drinking water from a fountain, holding objects while walking, playing ball, or moving around a table to retrieve another toy.
- **Improves Postural Stability:**
Promotes the use of spinal muscles to stabilize the upper trunk instead of relying solely on upper extremity muscles, which may contribute to a more upright posture.
- **Enhances Social Interaction:**
Facilitates physical contact, such as holding hands or giving a hug, which can positively influence psychosocial development.

