

INTRODUCTION TO EKSO INDEGO® THERAPY



Powering People Forward

What is Ekso Indego Therapy?

Ekso Indego Therapy is a lower limb powered exoskeleton which enables therapists to offer task specific and intensive gait training. Sophisticated motors in the knee and hip joints, combined with advanced sensors and control strategies, allow individuals with weakness or paralysis in their lower extremities to stand and walk again.

How is Ekso Indego used?

Ekso Indego is used in rehabilitation centers as a therapy tool to offer task-specific, over-ground gait training on a variety of surfaces. Ekso Indego allows for fast set up time and efficient therapy sessions. Ekso Indego also allows therapists to make sizing adjustments while the user is standing in the device. These features of Ekso Indego allow therapists to challenge their patients effectively, and to potentially achieve a more intense training session with less physical exertion on the part of the therapist.

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What makes Ekso Indego unique?

Ekso Indego offers an unmatched set of features intended to facilitate usability and individualized gait therapy:

Versatile Software Suites

Every Ekso Indego comes with Motion+ Software to treat patients with more severe or complete injuries and Therapy+ Software for patients with partial and mild impairments.

Modular Design

Ekso Indego can be donned and doffed quickly because of its five component design, self-aligning connections, and single hand adjustment system.

Lightweight

At just 39 lb (17.7 kg), Ekso Indego is light, easy to handle, and allows for rapid set up, and easy transportation. It has no backpack or upper body components and can be worn while seated in a standard wheelchair.

Ekso Indego App

Ekso Indego's iOS app allows real time control over gait training parameters such as stride length, step speed, and step height. It also records walking data so therapists can easily quantify results.

Technical Data

Power	Rechargeable Li-ion battery provides 4 hours of clinical use.
Weight	Assembled device: 39 lb (17.7 kg)
Sizes	<ul style="list-style-type: none"> • Hip width range: 13.3" - 16.6" (34 - 42.2 cm) • Upper leg length range: 14.6" - 19.3" (37 - 49 cm) • Lower leg length range: 16.5" - 21.7" (42 - 55 cm)
Interface	<ul style="list-style-type: none"> • User feedback provided by vibration and color changing LEDs • View and modify device settings via Ekso Indego app over Bluetooth connection
Patient Requirements	<ul style="list-style-type: none"> • Height range: 5'1" - 6'3" (155 - 191 cm) • Maximum weight: 250 lb (113 kg) • Maximum hip width: 16.6" (42.2 cm) • Femur length: 14.5" - 19" (35 - 48 cm) • Spasticity score: Modified Ashworth score 3 or lower • Sufficient upper body strength to balance and advance with forearm crutches, front-wheeled walker or platform walker • For complete and incomplete spinal cord injured individuals C7 or below and individuals with hemiplegia (with motor function of 4/5 in at least one upper extremity) due to cerebrovascular accident (CVA) in the U.S. • For individuals with lower limb weakness or paralysis in Europe
Operating Conditions	<ul style="list-style-type: none"> • Temperature range: 32° - 88°F (0° - 31° Celsius) • Relative humidity: 0% - 90% non-condensing relative humidity
Ekso Indego Therapy Includes	<ul style="list-style-type: none"> • Adjustable hip unit with air-foam chambers for customizable fit • One pair of adjustable upper legs • Three pairs of adjustable lower legs (size small/medium/large) • Ekso Indego app on an iOS device/handheld controller • Quick adjustment tool • Stability aids (rolling walker with platform attachment and forearm crutches)



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Ekso Indego Personal & Ekso Indego Therapy Indications For Use (USA)

The Ekso Indego® orthotically fits to the lower limbs and the trunk; the device is intended to enable individuals with spinal cord injury at levels T3 to L5 to perform ambulatory functions with supervision of a specially trained companion in accordance with the user assessment and training certification program. The device is also intended to enable individuals with spinal cord injury at levels C7 to L5 to perform ambulatory functions in rehabilitation institutions in accordance with the user assessment and training certification program. Finally, Ekso Indego® is also intended to enable individuals with hemiplegia (with motor function of 4/5 in at least one upper extremity) due to cerebrovascular accident (CVA) to perform ambulatory functions in rehabilitation institutions in accordance with the user assessment and training certification program. Ekso Indego is not intended for sports or stair climbing.

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FDA clearance
for clinical use

