Gait Trainer GT II

REHA STIM
MEDTEC

Gait training for the severly affected patient

The end-effector Gait Trainer GT II offers safe, intensive and repetitive locomotion therapy providing effective gait training for early-stage rehabilitation of impaired neurological and orthopedic patients. The GT II is the next generation gait trainer based on the well-established GT I, the pioneer in end-effector gait training. In clinical use for more than 20 years, the GT I has a proven and established history as documented by extensive scientific studies and extensive use in leading medical facilities world-wide.

Flexible application

- For a diverse patient population including pediatric and adult
- Dynamic suspension for vertical displacement and ground reaction forces found in natural gait patterns
- Forward/Reverse stepping facilitates weight shifting, neuromuscular coordination and balance control

Intuitive operation

- Easy setup of new patients
- Quick-start operation, with pre-programmed training templates and assessment tools
- Increases efficiency and reduces risk of injuries to both patients and staff

Silent. Robust. Low maintenance.

www.reha-stim.com

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Scientifically proven gait training

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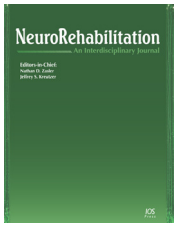
Robot-assisted end-effector-based gait training in chronic stroke patients: A multicentric uncontrolled observational retrospective clinical study
"Chronic stroke patients exposed to only robot-assisted end-effector-based gait training showed significant improvements in global motor performances, gait endurance, balance and coordination, lower limbs strength and even spasticity".
Stefano Mazzolenia, Antonella Focaccib, et Al. NeuroRehabilitation 40 (2017) 483–492



Evidence of end-effector based gait machines in gait rehabilitation after CNS lesion
"Patients practicing with the machine effected in a superior gait ability"
S. Hessea, , N. Schattata, et al. NeuroRehabilitation 33 (2013) 77–84

Electromechanical-Assisted Gait Training after Stroke: A Systematic Review Comparing End-Effector and Exoskeleton Devices
"We found significantly higher rates of independent walking in end-effector compared with exoskeleton-based training"
Jan Mehrholz, PT, PhD and Marcus Pohl, MD. Review Article, J Rehabil Med 2012; 44: 193–199

Key benefits

- Intuitive and easy-to-use interface with quick and easy patient set-up
- Document patient progress with easily to access patient reports
- Small foot-print and operating area
- Lower noise level compared to similar end-effector devices
- Cost effective solution to end-effector gait training

Specifications

- Patient height 3ft to 6ft (100 - 200 cm)
- Body weight up to 440 lbs (200 kg)
- Gait velocity up to 1.24 mph (2 km/h)
- Adjustable step length 13.4 -18.9 in (34-48 cm)
- Dimensions 37 x 87 x 110 in (94 x 220 x 280 cm)
- Weight 1430 lbs (650kg)

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