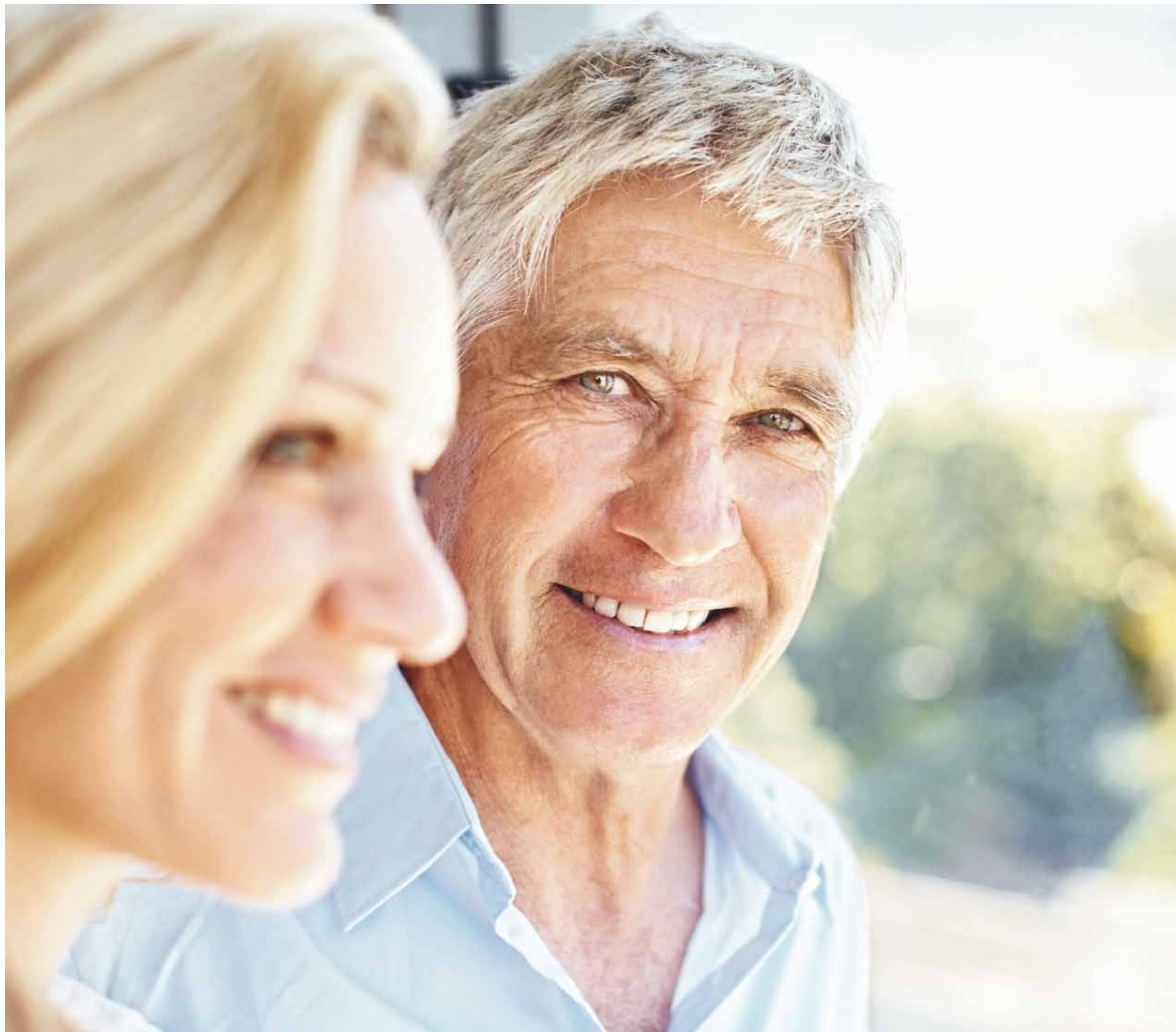


**REHA**  
TECHNOLOGY  
*FOR A BETTER LIFE*

**G-EO** System



**For a better life.**

« Reha Technology has engineered the G-EO System to a high scientific-technical level. It holds the potential for great therapeutic and social impact. »

Prof. Edoardo Roviato, Politecnico Milan, Italy

Our goal is to offer innovative systems that make rehabilitation less demanding for therapists, and more effective for patients.

That's why Reha Technology developed the G-EO System – the world's most advanced system for gait rehabilitation.

The key objectives of gait rehabilitation are not only to help patients relearn walking on level ground, but

also to recover the ability to climb and descend stairs. The G-EO System can simulate any movement of human gait. It enables therapists to program its functions to the precise combination of exercises each patient needs to maximize their ability to achieve independence in activities of daily living.

As a result, the G-EO System offers the world's most comprehensive range of gait-training possibilities.

## Benefits of G-EO System.

### 1 | Evidence based therapy approach

The G-EO System is based on «end-effector technology» demonstrated in clinical trials to be the most effective strategy for the restoration of walking.

### 2 | Easy handling

The G-EO System is very simple to use. Therapists can store individual patient settings, and recall them at the next therapy in just a few seconds.

### 3 | Variety of training modes

The G-EO System allows simulation of walking both on level ground and on stairs.

### 4 | Short setup times

Preparing the patient for therapy is quick and easy, typically requiring five minutes or less.

### 5 | Low therapy costs

Quick setup and easy patient handling allow most clinics to deliver fifteen 20-minute units of therapy within a six-hour clinic day.

### 6 | Minimal risk of patient injury

Reha Technology has designed the G-EO / patient interface to minimize the risk of skin abrasion or joint injury.

### 7 | Easy Integration in database structures

The G-EO System allows synchronization of internally collected data with a wide range of existing clinical data storage systems.



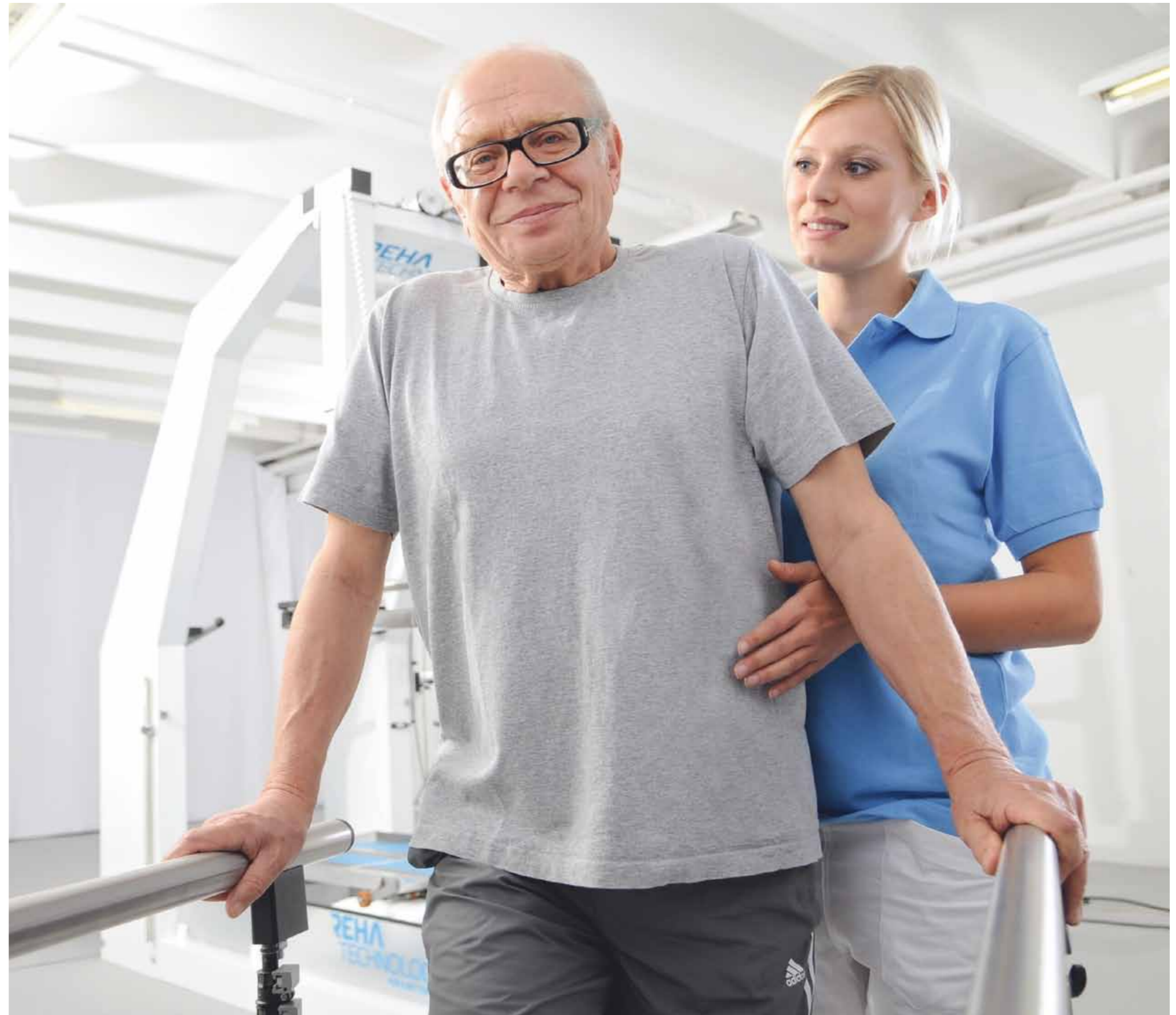
Simple to use.

« The G-EO System allows the Therapist to focus on what really matters: The patient.»

Andrea Marzari, Physiotherapist - Private Hospital Villa Melitta, Bolzano, Italy

The handling of the G-EO System is fast and intuitive, resulting in pre-therapy setup times of only a few minutes. That easy setup increases the percentage of therapy-session time available for treatment. The G-EO System effectively eliminates risk of falls to both patient and therapist.

Every G-EO System easily accommodates a wide range of patient sizes and weights. Even children as short as 110 cm (3'3") can be treated without any modification to the Basic, Advanced and Evolution models.





The G-EO Basic scores high for its functional design and ease of use. The Basic version allows therapists to deliver the latest in device-assisted locomotion therapy by simulating over-ground walking with a variety of setup possibilities. The Basic version offers the same patient and therapist safety as Reha Technology's more advanced versions, as well as all feedback features. It is also possible to practice just a part of the whole gait cycle. All G-EO Basic systems can be upgraded to Reha Technology's Advanced or Evolution versions.

- Gait patterns:
- floor walking
  - partial movement



The G-EO Advanced adds to over-ground walk simulation a more complex range of gait patterns, such as ascending and descending stairs. That wider range of therapy can be delivered without having to stop the device. The integrated «Therapy Wizard» enables therapists to select and program a patient-customized combination of exercises or treatment protocols, which can be stored and adapted. Each G-EO Advanced is ready to be enhanced to the G-EO Evolution.

- Gait patterns:
- floor walking
  - partial movement
  - stair climbing up
  - stair climbing down



The G-EO Evolution sets a new standard in gait rehabilitation. In addition to all the features of the Advanced version, the G-EO Evolution offers the advantage of «intelligent control», which allows the device to actively react in real time to a patient's capabilities. When the patient can walk independently, the G-EO Evolution reduces the machine support, beginning with simply governing correct gait parameters - up to allowing completely G-EO-independent motion by the patient. The G-EO Evolution also provides enhanced feedback to patients, and even «visual scenarios» simulation of walking on trails.

- Gait patterns:
- floor walking
  - partial movement
  - stair climbing up
  - stair climbing down
  - adaptive mode
  - visual scenarios

- Technical data
- Length: 406 cm (13'4")
  - Width: 124 cm (5'11")
  - Standard height: 280 cm (9'3")
  - Reduced height: 260 cm (8'7")

- Weight: 900 kg (1,984 lb)
- Power Supply: 230 V
- Max. velocity: 2,3 km/h (1.42 mi/h)
- Max. step cadence: 70/min

- Max. step length: 55 cm (21.7 inches)
- Max. step height: 27 cm (10 inches)
- Max. foot angle: -80°/+80°

#### Research Module R

The R module can be installed on every G-EO System version and eases the collection of data for medical studies. All sensor and patient data can be accessed directly and stored for further data analysis.

#### Pediatric Module P

The P module can be installed on every G-EO System version and permits treatment of children starting as small as 90 cm (3 feet) weighing of 40 kg (88 lb).

#### Heart Module H

The H module allows the integration of pulse and blood oxygen saturation into the captured data, as well as monitoring of these parameters in real-time. It can be installed only on the G-EO System Evolution.

#### HL7 Database Module D

The D module can be installed on every version of the G-EO System and synchronizes the G-EO database with a clinical database, eliminating the possibility of mistyping patient data during collection.





**For a better life.**

«The G-EO meets the challenge of clinical relevance in the face of constantly increasing cost-containment pressure.»

Dr. Knut Braun - Bionic Engineering Network Saarbrücken, Germany

Reha Technology AG  
Rötzmattweg 51  
4600 Olten  
Switzerland

T +41 62 212 4789  
F +41 62 212 4790

[www.rehatechnology.com](http://www.rehatechnology.com)

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