GET ONE STEP AHEAD

INTRODUCING the E.L.I.T.E. pro-active motor learning technology

Personalize therapy and optimize patient recovery with the world’s most advanced robotic gait rehabilitation platform.
Your patient at the heart of therapy

“We are upright and seeing your legs walking and moving is a really good feeling.”

Lewis Compton, USA

Features

- World’s first E.L.I.T.E. pro-active session personalization
- Quick setup & ergonomic design
- Intuitive user interface
- Dual camera, video gait monitoring and feedback
- Muscle resistance measurement
- 4 modes of therapy (passive, 2x active-assist, active)
- 18 physiological gait profiles
- Interactive games & virtual reality

Designed to accelerate patients’ rehabilitation journey and improve outcomes, the Optimal-G™ Pro is a state-of-the-art, effective and personalized robotic gait training platform. Incorporating the world’s first Enhanced Learning Intelligence Technology (E.L.I.T.E.), the Optimal-G™ Pro advances rehabilitation of both adults and pediatric patients post-neurological trauma and orthopedic injury.

Based on clinical principles of brain recovery in gait rehabilitation and incorporating breakthrough technologies, the Optimal-G™ Pro enables neuromuscular re-education and brain retraining. The advanced robotic system facilitates intensive and repetitive reciprocal motion, recovering normal gait patterns and improves ambulatory capabilities, balance, stability and posture.
All-in-One Solution for a Wide Spectrum of Patients

The versatility of the Optimal-G™ Pro means it can be easily and quickly adapted to meet the rehabilitation needs of a wide variety of patients for an efficient therapy and a good return on investment.

- Adult and pediatric patients
- Neurological and orthopedic patients
- Acute, sub-acute and chronic patients
- Various stages of rehabilitation
- Various ambulatory levels

Designed for Efficiency and Comfort

TheOptimal-G™ Pro delivers on the promise of robotic rehabilitation technology, by assisting therapists to deliver longer training duration and intensity, superior feedback, more treatments and the highest standard of patient care.

- <10 mins set-up (lifting from sitting position)
- Maximum comfort
- Same robotic legs for adults & pediatrics
- Adjustable leg height control
- Keeps patient’s posture stable & well-positioned

Natural Gait Patterns

Putting your patient at the heart of therapy, the Optimal-G Pro was designed to allow for “natural” gait kinematic movements during walking:

- Natural movement of the hip, knee and ankle during walking exercises
- Three-dimensional freedom of movement of the pelvis: Lateral shift, Rotation and Up/Down.
- Optimal weight bearing and pressure distribution by shifting the load from the robotic support to the patient’s lower limbs.
- Improved gait pattern through ergonomically designed harness and foot-lifters.
E.L.I.T.E.
The World’s First Proactive Motor Learning Enhancement Program

Integrating clinical principles of gait rehabilitation and motor learning with expertise in robotic technology, E.L.I.T.E. proactively adjusts and personalizes the patient’s treatment plan based on objective clinical data and their individual progress. Based on the system’s innovative analysis of different patients’ functional abilities, therapists can now receive recommendations on the correct adjustments according to treatment parameters. This helps improve decision-making, progresses therapy programs and enhances patient care.
Advanced Clinical Features

- Time in motion
- Distance
- Average weight bearing
- Symmetry in body weight
- Speed
- Cadence
- Step size & compliance
- Muscle resistance
- Forces
- Active ability
- Cognitive and motor ability
- Visual kinematics – cameras

Indications:

- Cerebral Vascular Accident (CVA) – “Stroke”
- Spinal Cord Injury (SCI) – complete and incomplete
- Traumatic Brain Injury (TBI)
- Multiple Sclerosis (MS)
- Parkinson’s Disease (PD)
- Cerebral Palsy (CP)
- Orthopedic conditions
Optimal·G™ Pro

REDEFINE THE STANDARD OF CARE IN GAIT REHABILITATION

- **WORLD’S FIRST**
  Enhanced Learning Intelligence TEchnology (E.L.I.T.E.)

- **VIRTUAL REALITY**
  multitasking exercises for motor and cognitive re-training

- **PERSONALIZED**
  therapy to optimize patient recovery

- **NATURAL GAIT**
  patterns and quick set-up for patient and therapist ease

- **STATE-OF-THE-ART**
  interactive gait training programs

- **VIDEO MONITORING**
  & real-time feedback to reinforce proper gait biomechanics

“After trying other solutions, the Optimal-G™ Pro has made the difference. Within the first three sessions, I achieved my goal of walking over 2000 steps. It has transformed my life.”

Sloan Deumite, USA

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Length (Length with ramp)</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>313 cm (123.2 in)</td>
<td>131 cm (51.6 in)</td>
<td>275 cm (108.7 in)</td>
<td>960 kg (2116.8 lb)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Treadmill width</th>
<th>Treadmill length</th>
<th>Adjustable hip width</th>
<th>Max patient height</th>
<th>Max patient weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>70 cm (27.5 in)</td>
<td>130 cm (51.2 in)</td>
<td>24-61 cm (9.4-24 in)</td>
<td>200 cm (78.7 in)</td>
<td>150 kg (330 lb)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Treadmill speed</th>
<th>Main screen size</th>
<th>System rating</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max 10 km/hr (6.21 mph) without robotic legs</td>
<td>Max 3.5 km/hr (2.17 mph) with robotic legs</td>
<td>40 in. HD TV</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>Max 3.5 km/hr (2.17 mph) with robotic legs</td>
<td>Therapist touch screen size: 22 in.</td>
<td>115/230 VAC</td>
<td>MAX 2,500 VA</td>
</tr>
</tbody>
</table>

**ADJUSTABLE HANDRAIL** • **INTEGRATED WHEELS FOR EASY TRANSPORT** • **DETACHABLE STRUCTURE: ALLOWS INSTALLATION IN SMALL ROOMS**

### HIGHEST STANDARD OF CUSTOMER SUPPORT

- 24 hour response
- 24/7 remote online support
- Dedicated technician with on-site visits
- 2-day breakdown response time

### CONTACT US

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