



- Air Muscle Powered
- Robotic Assisted Therapy
- Mimics Real Muscle Properties
- Efficient and Safe Therapy Environment
- Active Repetitive Movement™(ARM)
- Repetitive Taks Practice
- Neuromuscular Re-Education
- Fun Exercise Increases Compliance
- Adjust Effort Level with Progress
- Game Like Environment
- Real Time Visual Feedback
- Individualized Therapy
- Home Exercise Program
- Chart Progress

Foot Mentor



Pre-Gait & Balance



IMPROVING LIFE AFTER STROKE

Reduce impairments, prevent secondary complications and improve the functional independence and quality of life for individuals suffering neurological injury such as stroke

HAND MENTOR PRO™

Improving Life After Stroke

“Better Outcomes for More Patients at Lower Cost”



Simple , Portable, Easy-to-Use

This game based, self pacing, intuitive system provides the opportunity in assisting patients to improve function and quality of life with lower overall cost compared to conventional rehabilitation options.

HAND MENTOR PRO™

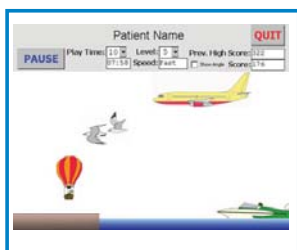


The Mentor Pro™ consists of an electro-mechanical apparatus (a robot) that is secured easily to the patient's forearm, wrist and hand. A patent-pending pneumatic muscle provides both movement and resistance in a manner that simulates the behavior of human muscle. The mechanical compliance inherently engineered into this mechanism provides an unmatched degree of safety for patients in the early stages of their recovery with muscle and joint restriction.

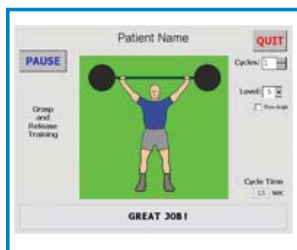
This apparatus is connected to a computer-based control unit that delivers therapy through a series of computerized, game-like exercises. The creation of an enjoyable, engaging therapy that overcomes the monotonous nature of repetitive-action neurological rehabilitation is a crucial element in Mentor's success. This feature encourages patient compliance and ultimately better outcomes. The systems use three different types of feedback to control the 'game' and maximize patient recovery. These include force, position, and electromyography (EMG). This improves the opportunity for the systems to be effective for a wide range of patients.

The system can facilitate motor skill improvement in low-functioning patients with very limited muscle movement or high functioning patients that can use EMG activation, which senses muscle electrical activity, to refine and strengthen specific motor controls.

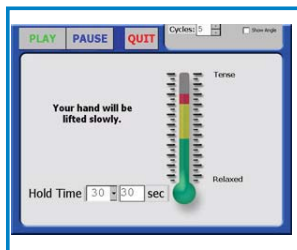
Each therapy game includes multiple levels of difficulty. This means the Mentor Pro™ controller can deliver individualized therapy for each patient by recognizing their level of performance and automatically increasing or decreasing the therapy intensity to meet their needs. This provides the basis for continuous advancement of the patient's rehabilitation in a controlled and consistent manner. The controller records each patient's therapy data and performance so that patient progress can be accurately measured over time.



Balloon Game



Strong Man Game



Thermometer

