

Hand Paralysis from Stroke is a Large Unmet Clinical Need

- ✓ The hand is extremely critical for performing Activities of Daily Living (ADL).
- ✓ MyHand is a targeted rehabilitation tool for people with hand impairments caused by musculoskeletal and neurological disorders.



IRegained's Solution: MyHand® System

Recognizing the large unmet clinical need for hand rehabilitation and its huge socio-economic impact, IRegained developed a ground-breaking neuro-rehabilitation system: **THE MYHAND SYSTEM**

Key Advantages:

PORTABLE

- ✓ Seamlessly integrated with multiple therapy settings

PATIENT-CENTRIC

- ✓ Easily adaptable to multiple patient conditions; highly engaging interface with animated finger motion display

TARGETED FUNCTIONAL THERAPY

- ✓ Demonstrated clinical efficacy in multiple studies using 9 industry standard rehabilitation tests.

BUILT ON NEUROSCIENCE FOUNDATION

- ✓ Uses the fundamentals of neuroscience and principles of neuroplasticity for motor control recovery.

CLOUD CONNECTED

- ✓ Artificial Intelligence (AI) driven clinical data analytics on hand function metrics for future personalized rehabilitation.

Elevate Your Practice, Enhance Patient Outcomes



Pre-Programmed Protocols

- Based on the Hierarchy of Grasps
- Leverages neuroplasticity for motor control recovery
- Reduces variability in clinical outcomes
- Optimized for outpatient setting: suited to neurological conditions (Stroke/TBI)

Games

- Highly engaging interface
- Increases therapy adherence
- Suitable for both inpatient and outpatient settings
- Usable in both neurological and orthopedic conditions

Custom Protocol

- Enables complete clinician flexibility
- Allows treatment for various conditions
- Usable in both inpatient and outpatient settings

Objective & Benefits

- Redefine hand rehabilitation through the MyHand System, integrating advanced neuroplasticity science with intelligent robotic technology.
- Help individuals recovering from stroke or neurological injury regain strength, mobility, and functional control of their hands.
- Deliver personalized, task-focused therapy that adapts to each user's unique recovery journey.
- Empower clinicians with real-time insights and performance analytics to guide data-driven treatment decisions. Make rehabilitation accessible, engaging, and effective both in clinical environments and at home.
- Ultimately, restore independence, confidence, and quality of life for individuals on their recovery path.
- **Faster Functional Recovery:** Encourages measurable improvements in grip, dexterity, and coordination.
- **Personalized Therapy:** Custom-tailored programs designed around each patient's specific needs and goals.
- **Engaging & Motivating:** Gamified therapy experiences keep users consistent and committed.
- **Smart Clinical Support:** Real-time dashboards enable therapists to monitor progress and optimize outcomes.
- **Flexible Accessibility:** Portable, user-friendly system suitable for clinics, rehab centers, and home use.
- **Enhanced Quality of Life:** Empowers patients to regain independence and perform daily activities with confidence..