Neurolutions

BRAIN-ACTIVATED THERAPY FOR STROKE RECOVERY

LEARN MORE

ARE YOUR PATIENTS THE RIGHT FIT FOR IPSIHAND?

Many stroke recovery patients have the cognitive capabilities, but just don't feel like their brain and body are connecting. IpsiHand is a great fit for motivated patients ready to take ownership in their recovery journey. **Here are three key questions that indicate if your patients might be a good fit for a prescription for IpsiHand:**

Your patient may be an optimal fit for the IpsiHand system. Patients who could benefit from recovered motor function are ideal candidates for the IpsiHand system. IpsiHand can be implemented as part of your patients' recovery journey. Candidates for the IpsiHand system.

HOW TO OFFER IPSIHAND TO YOUR PATIENTS

The IpsiHand system allows for evidence-based, intense rehabilitation at home, delivering better patient outcomes and satisfaction. We partner with providers and patients to navigate the insurance coverage and prescription process.

Once your patient is prescribed an IpsiHand system, Neurolutions will take the lead. You can stay connected through remote patient monitoring features that make IpsiHand ideal for both in-clinic and self-guided home therapy sessions. Your team can monitor progress through the Neurolution's web portal.

1. Is your patient **frustrated by a plateau** in their stroke recovery?

2. Is your patient **ready to make advancements** in regaining use of their upper extremity?

3. Is your patient looking to **enhance their current therapy regimen?**

Rethink How We Treat Stroke

The IpsiHand system is a breakthrough device with a thought-driven, brain-computer interface, designed to facilitate motor recovery of the affected upper extremity after stroke. IpsiHand is an at-home therapeutic for your patients' recovery journey.

IpsiHand harnesses the brain activity of the uninjured hemisphere and encourages new neural pathways to retrain movement of the affected arm or hand. Unlike other device solutions, IpsiHand confers benefits without constant daily wear.

Outcomes

The IpsiHand is a clinically-proven system that improves upper extremity movement and functional capability. It's inclusive for users of all levels of motor severity impairment and complements existing therapy routines.

100% of IpsiHand users see improvement. Over two-thirds have clinically-backed improvements to their dexterity and range of motion.

Users of the IpsiHand may notice **enhanced mobility in their shoulder, elbow, wrist, and hand**, leading to improved functionality.

Presence of **biomarkers** in the brain after regular IpsiHand usage **demonstrates motor remodeling**.

IpsiHand is a therapeutic device for stroke recovery patients, empowering users to **ACCELERATE** progress at home.

The System is made up of three parts:

The Headset

You don't need voluntary movement to benefit from using IpsiHand. The headset recognizes when you want to move your impaired hand or arm, and moves with the handpiece accordingly

The Handpiece

Worn over your impaired hand, the wireless handpiece opens and closes when you think about movement to help reconnect your hand with your brain.

The Tablet

While wearing the headset and handpiece, IpsiHand users work on the tablet for a custom therapy session. The application guides you through exercises and gives you feedback.

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INDICATIONS FOR USE

The Neurolutions IpsiHand system is prescribed by a physician and is a brain-computer interface (BCI) system which is indicated for use in chronic stroke patients (≥ 6 months post-stroke) age 18 or older undergoing stroke.

CONTRAINDICATIONS

The Neurolutions System is contraindicated for use in patients having any of the following conditions:

- Severe spasticity or rigid contractures in the wrist and/or digits that would prevent the Neurolutions Handpiece from being properly fit or positioned for use.
- Skull defects due to craniotomy or craniectomy.

(1) QRS-008, QRS-012, & QRS-013; (2) Bundy DT, Souders L, Baranyai K, Leonard L, Schalk G, Coker R, Moran DW, Huskey T, Leuthardt EC. Contralesional Brain-Computer Interface Control of a Powered Exoskeleton for Motor Recovery in Chronic Stroke Survivors. Stroke. 2017 Jul;48(7):1908-1915. doi: 10.1161/STROKEAHA.116.016304. Epub 2017 May 26. PMID: 28550098; PMCID: PMC5482564. Contralesional Brain-Computer Interface Control of a Powered Exoskeleton for Motor Recovery in Chronic Stroke Survivors; (3) TSP-001, TSP-002, TSP-008, User Manual LBL-0001(Q)

IMPORTANT SAFETY INFORMATION

- System components contain lithium-ion batteries that MUST NOT be exposed to flame, excessive heat, or incinerated; personal injury may occur.
- Only use the Charging Adapters provided with the Neurolutions System to recharge system components and avoid risk of shock.
- Use of the Neurolutions System adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, the Neurolutions System and the other equipment should be observed to verify that they are operating normally.
- Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the Neurolutions System. Otherwise, degradation of the performance of the Neurolutions System could result.
- The Neurolutions Handpiece enclosure may reach a maximum temperature up to 43°C during use. To reduce the risk of discomfort, you should remove the Handpiece from your hand if the device feels warm on your skin.
- Tight straps on the Handpiece may restrict your circulation. Therefore, always check that the straps are not too tight throughout your range of motion to ensure proper circulation during use.
- The Neurolutions System should only be used on intact skin, and the System should be cleaned and disinfected regularly to minimize possible contamination and risk of infection.