

SaeboStim Micro

Enhancing Cortical Plasticity & Motor Recovery



What is the SaeboStim Micro?

The **SaeboStim Micro** provides low-level sensory electrical stimulation to the arm and hand using a specialized Electro-Mesh Garment. The unique Electro-Mesh material is not only soft and comfortable to wear at rest, but also during activities. Clients suffering from impaired function, weakness and spasticity can benefit from the much-needed stimulation.

The Electro-Mesh Garments consist of a glove (hand stimulation) and arm sleeve (arm stimulation). The conductive material is made of silver treated nylon fibers blended with Dacron®. The stimulation is delivered into the Garments by a uniquely designed stimulator widely used in scientific studies.

Why use SaeboStim Micro?

- Impaired function from a neurological injury such as stroke typically results in both sensory and motor deficits.
- Limited use of the upper limb can lead to impaired sensory communication to the brain (touch, feel, aware of joint movement).
- Providing low-level sensory stimulation (i.e., without producing a muscle contraction) to the hand and arm, can increase signals delivered to the brain leading to increased corticomotor excitability.
- This form of treatment primes the cortex which leads to improved sensory/motor recovery, function and cortical reorganization.

Benefits*

- Decrease spasticity
- Improve motor function
- Increase sensation
- Improve inattention and neglect
- Increased cortical plasticity and motor excitability
- Decrease swelling and pain
- Normalize hand temperature

Clinical Indications

- Limited arm and hand function
- Spasticity
- Arm and/or hand pain
- Arm and/or hand edema
- Decreased sensation
- Inattention or neglect



* For a list of all related studies and abstracts, please visit www.saebo.com

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