

NEUR 20

EFFICIENT HEALTH

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REHAB
RECOVERY

Neuro Rehab Recovery is proud to partner with the Neuro20 PRO System which combines an advanced software platform with a Whole Body Electrical Muscle Stimulation (WB-EMS) Smart Suit to recreate specific functional movement patterns. It's designed to treat MSK injury and neuromuscular disease, for recovery, preventative care, and human performance. This is a professional medical-grade system designed for clinicians and trainers, with features not found on typical medical-grade EMS products.

Neuro20 Smart Suit

The Smart Suit uses low/middle frequency to recruit Type I and Type II muscle fibers utilizing NMES/FES/TENS/PEMS. It includes 20 large embedded contoured electrodes that focus on motor points, which recruit over 42 muscles. The Smart Suit does not require replacement electrodes or gels. Being cable-free allows for freedom of movement. The Control Box has a 100-meter wireless range, for indoor or outdoor use. The Smart Suit is easy to maintain, antimicrobial/bacterial, and machine washable.

Neuro20 PRO Software

includes modes for patterned electrical muscle stimulation (PEMS) that replicates movements in sequenced timing patterns. It's capable of isolating individual muscles, or recruiting specific motor chains. The software includes 14 modes, each designed for individual outcomes. The software collects data for objective measures, stored securely for HIPPA compliance and insurance purposes.

The Software allows one (1) clinician/trainer to operate training modes from one to ten (1:10) clients simultaneously, maximizing efficiency while increasing ROI.



INCREASES

- Muscle Strength · Flexibility / Range of Motion
- Blood flow · Synovial fluid · Tissue Temperature
- Lymphatic Drainage

DECREASES

- Injury Recovery Time · Swelling
- Muscle Spasms · Pain · Muscle Atrophy
- Delayed Onset Muscle Soreness (DOMS)

PROMOTES

- Improves Muscle Recruitment · Bone Growth
- Muscle Injury Recovery · Faster Reaction Times
- Sequential Muscle Firing Precision · Neuroplasticity

The science behind Neuro20 is evidence-based, supported by research

The use of electric-muscle stimulation for therapeutic medical purposes is well-documented and researched. Here are just some of the many relevant studies that support this protocol for medical purposes.

[A survey of the history of electrical stimulation for pain to 1900.](#) Stillings D. Med Instrum. 1975 Nov-Dec;9(6):255-9. PMID: 1102872

[\[The history of electrostimulation in rehabilitation medicine\].](#) Dolhem R. Ann Readapt Med Phys. 2008 Jul;51(6):427-31. doi: 10.1016/j.annrmp.2008.04.004. Epub 2008 May 21. PMID: 18539356 French.

[Electrical and magnetic stimulation of the central nervous system. Historical overview.](#) Devinsky O. Adv Neurol. 1993;63:1-16. PMID: 8279294 Review. No abstract available.

[High-tone external muscle stimulation in end-stage renal disease: effects on symptomatic diabetic and uremic peripheral neuropathy.](#) Klassen A, Di Iorio B, Guastaferrò P, Bahner U, Heidland A, De Santo N. J Ren Nutr. 2008 Jan;18(1):46-51. doi: 10.1053/j.jrn.2007.10.010. PMID: 18089443 Clinical Trial.

[Non-invasive stimulation therapies for the treatment of refractory pain.](#) Nizard J, Lefaucheur JP, Helbert M, de Chauvigny E, Nguyen JP. Discov Med. 2012 Jul;14(74):21-31. PMID: 22846200 Review.

Indications Of Use

The Neuro20 Pro System qualifies for multiple reimbursement codes for Neuromuscular Rehabilitation utilized to prevent injury, and for recovery post injury/disease.

- Muscle Re-Education
- Relaxation of Muscle Spasms
- Maintain/Increase Range of Motion
- Prevention of Muscle Atrophy
- Increase Local Blood Circulation
- Improve Muscle Strength
- Recover From Impaired Muscle Function
- Temporary Relief Of Pain

Reimbursement

The Neuro20 PRO System qualifies for multiple reimbursement codes which may be combined during a single patient visit. Additionally the product qualifies for at home and telehealth use. For more details contact Neuro Rehab Recovery, Inc at info@neurorehabrecovery.com or call us at 1-866-476-6897.

Customer/Technical Support

At Neuro20, we stand behind our products, and are committed to supporting you and your entire team for the use of the Neuro20 PRO System. Our support channels are phone, email, and interactive chat. In addition clinicians/trainers are provided with our comprehensive video based training—Neuro20 Academy.



Contraindications: Powered muscle stimulators should not be used on patients with cardiac demand pacemakers. For a full list of warnings, precautions, and potential adverse effects, refer to the Neuro20 PRO System User Manual, available at www.neurorehabrecovery.com.