

The mediliev touch and accessories are actively being ordered by VAMC's PM&R, PT, OT, Podiatry and Pain Clinics



Multi-Modal Therapy For Complex Foot And Lower Leg Conditions

FDA Indications

- Relieve acute & chronic pain
- Re-educate muscle
- Prevent disuse/atrophy of muscles
- Increase local blood supply
- Increase range of motion
- Reduce muscle spasm

How to Order the Podiatry Kit:

1. Open CPRS and place outpatient consult.
2. Please select "**Prosthetics & Sensory Aids**", then select "**Electrical Stimulation Device**".
3. Put in the following product information as needed:
 - a. Device Kit & product number:
i. NuroKor mediliev touch Podiatry Kit (#NKMLPOD)
4. Vendor Name: **Sandlot Medical**

Note: The Podiatry Kit includes the **mediliev touch device**, **KorShoe**, **KorSock**, carrying bag, protective device pouch, and 1 year supply of consumables.

Citations:

1. Moore SR, Shurman J. Combined neuromuscular electrical stimulation and transcutaneous electrical nerve stimulation for treatment of chronic back pain: a double-blind, repeated measures comparison. *Arch Phys Med Rehabil.* 1997 Jan;78(1):55-60. doi: 10.1016/s0003-9993(97)90010-1. PMID: 9014958.
2. Al-Zamil, Mustafa. (2021). Comparative analysis of labile and stable high-frequency TENS in the treatment of neuropathic pain syndrome. *Fizioterapevt (Physiotherapist).* 40-46. 10.33920/med-14-2106-05.
3. Senin-Camargo F, Martínez-Rodríguez A, Chouza-Insua M, Raposo-Vidal I, Jácome MA. Effects on venous flow of transcutaneous electrical stimulation, neuromuscular stimulation, and sham stimulation on soleus muscle: A randomized crossover study in healthy subjects. *Medicina (Baltimore).* 2022 Sep 2;101(35):e30121. doi: 10.1097/MD.00000000000030121. PMID: 36107611; PMCID: PMC9439730.
4. Laura A Talbot, Zack Solomon, Lee Webb, Christopher Morell, E Jeffrey Metter, Electrical Stimulation Therapies for Active Duty Military with Patellofemoral Pain Syndrome: A Randomized Trial, *Military Medicine*, Volume 185, Issue 7-8, July-August 2020, Pages e963-e971, <https://doi.org/10.1093/milmed/usaa037>
5. Yi D, Lim H, Yin J. Effect of Microcurrent Stimulation on Pain, Shoulder Function, and Grip Strength in Early Post-Operative Phase after Rotator Cuff Repair. *Medicina (Kaunas).* 2021 May 13;57(5):491. doi: 10.3390/medicina57050491. PMID: 34067980; PMCID: PMC8152281.
6. Preetam S, Ghosh A, Mishra R, Pandey A, Roy DS, Rustagi S, Malik S. Electrical stimulation: a novel therapeutic strategy to heal biological wounds. *RSC Adv.* 2024 Oct 11;14(44):32142-32173. doi: 10.1039/d4ra04258a. PMID: 39399261; PMCID: PMC11467653.
7. Smith S, Ravikumar R, Carvalho C, Normahani P, Lane T, Davies AH. Neuromuscular electrical stimulation for the treatment of diabetic sensorimotor polyneuropathy: A prospective, cohort, proof-of-concept study. *Neurophysiol Clin.* 2024 May;54(3):102943. doi: 10.1016/j.neucli.2024.102943. Epub 2024 Feb 29. PMID: 38422719.
8. Bahadori S, Immins T, Wainwright TW. The effect of calf neuromuscular electrical stimulation and intermittent pneumatic compression on thigh microcirculation. *Microvasc Res.* 2017 May;111:37-41. doi: 10.1016/j.mvr.2017.01.001. Epub 2017 Jan 8. PMID: 28077312.
9. Franco OS, Paulitsch FS, Pereira AP, Teixeira AO, Martins CN, Silva AM, Plentz RD, Iriyogen MC, Signori LU. Effects of different frequencies of transcutaneous electrical nerve stimulation on venous vascular reactivity. *Braz J Med Biol Res.* 2014 May;47(5):411-8. doi: 10.1590/1414-431x20143767. Epub 2014 May 2. PMID: 24820225; PMCID: PMC4075310.

Neuropathy Symptoms | Circulation | Peri-Operative Recovery

mediliev touch Podiatry Kit

With complex conditions, one therapy isn't enough—our hybrid stimulator integrates **three proven modalities** to manage pain & restore foot function.



FDA
Cleared

Nationally Recognized VA Healthcare Vendor

UEI: NXCQSF3JWX53 | DUNS: #079444210 | CAGE Code: 777M4



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Two Specialized Applicators. Two Distinct Therapeutic Experiences.

Used together, the KorShoe and KorSock provide complementary stimulation benefits—supporting both sensory recovery and muscle reactivation for more complete functional outcomes.



KorShoe

The KorShoe is engineered with six strategically placed conductive touch points to activate key nerves and muscle groups in the foot. Its focused stimulation is ideal for intrinsic foot strengthening, plantar-specific pain, circulatory issues, and neuropathy symptoms.



KorSock

Woven with conductive silver thread, the KorSock provides a more diffuse 360-degree stimulation of the entire foot and ankle—ideal for improving circulation, reducing swelling and stiffness, and painful neuropathy symptoms.

KorShoe

Target Areas

Sole of foot, arch, heel, and lower leg muscles

KorSock

Target Areas

Entire foot and ankle

Best For

Intrinsic foot strengthening, plantar fasciitis, and neuropathy symptoms

Improving circulation, reducing swelling/stiffness, and painful neuropathy symptoms

Sensation

More targeted, muscle-engaging stimulation

More widespread, sensory-focused stimulation

Treatment Setting

Seated use (with feet on the floor)

Resting, seated, or feet elevated

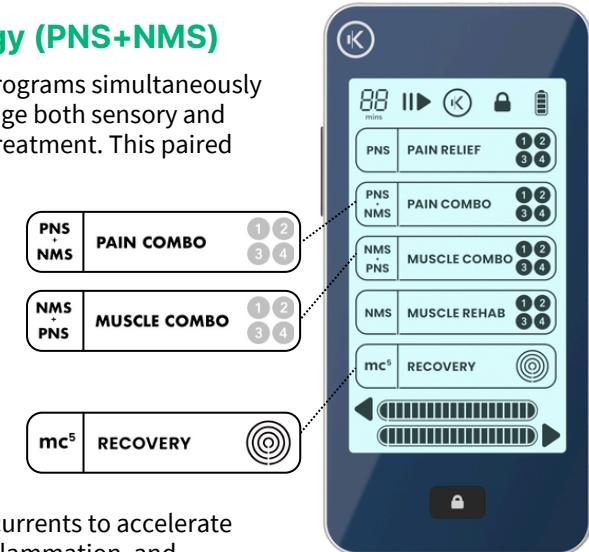
NuroKor Hybrid Technology: A Smarter Way to Deliver Multi-Modal Therapy

Our hybrid device delivers three advanced stimulation types—**Peripheral Nerve (PNS)**, **Neuromuscular (NMS)**, and **Microcurrent Stimulation (MCS)**—to target the neurological, muscular, and cellular systems that drive real, functional improvement in even the most difficult podiatric cases.

Dualwave Technology (PNS+NMS)

Our 8 Dualwave treatment programs simultaneously deliver PNS and NMS to engage both sensory and motor pathways in a single treatment. This paired activation provides:

- ✓ Greater Pain Relief ^{1, 2}
- ✓ Improved Circulation ³
- ✓ Alleviates muscle weakness or guarding (stronger contractions) ⁴



Microcurrent (mc⁵)

Delivers ultra-low electrical currents to accelerate tissue repair, reduce pain/inflammation, and supports microcirculation at a cellular level.

MCS optimizes the underlying tissue environment for recovery, complementing the more perceptible motor and sensory effects of Dualwave stimulation.

Peri-Operative Recovery

This hybrid device supports surgical patients by:

- **Pre-op:** Conditioning muscle tissue, managing pain, improving blood flow, and maintaining ROM
- **Post-op:** Controlling pain ⁵ and inflammation, and promoting wound healing with MCS ^{6*}
- **Rehab:** Re-establishing proper muscle firing patterns, strength, and improving proprioception

Neuropathy Symptoms

This multi-modal approach promotes pain relief, improved nerve conduction⁷, tissue oxygenation, and neuromuscular control.

Our follow-up survey shows 89% of veterans saw improvements in pain-free walking ability and/or sensation of touch.

Circulatory Issues

By acting on the muscular pump⁸, vascular tone⁹, and interstitial tissue spaces, the device encourages healthier venous flow & hemodynamics from the inside out.