

# Peripheral Neuropathy Program

*Peripheral Neuropathy is a disorder of the peripheral nerves – the motor, sensory and autonomic nerves that connect the spinal cord to muscles, skin and internal organs. It usually affects the hands and feet, causing weakness, numbness, tingling and often pain.*

*Patient progress is measured using empirical data. Our unique blend of therapeutics are delivered at frequent intervals based on severity. Once completed patient's symptoms and fall risk are re-evaluated.*

*Whether the diagnosis of peripheral neuropathy is due to cancer, diabetes or other factors, program results show that 75-80% of patients get better with this treatment and have longer lasting results.<sup>1</sup>*

1. <https://neuromedinternational.com/brochure-neuro/>

## Balance and Fall Risk Evaluation

### Baseline Data to Track Treatment Progress

Evaluation is completed using a computerized balance assessment tool to provide an objective, accurate and reliable measure of an individual's postural sway. *Postural Sway* is a known indicator of balance ability and is commonly used in fall risk assessment.

*Weight Distribution Test* is a standard posture distribution testing protocol that captures two important variables:

- 1) global postural alignment
- 2) weight distribution

*Clinical Test of Sensory Integration and Balance* is used to assess how the three main sensory feedback systems for balance are functioning relative to one another.



## Peripheral Neuropathy Treatments

### Deep Tissue Laser



This technology offers advanced pain relief and expedited healing times through a process known as photo-biostimulation or photo-biomodulation.

Deep tissue penetration significantly increases the body's cellular production of ATP (Adenosine-triphosphate) to energize damaged cells, increase circulation and promote healing responses that break the cycle of inflammation.

### ElectroAnalgesia Therapy



The MATRIX System™ delivers electrical stimulation of the peripheral nerve using alternating electrical frequencies that are much higher than other devices, above 8,000 pulses per second (pps) to as high as 10,000 pps.

This delivers energy deeper into the tissue to increase local blood circulation, re-educate muscles and inhibit the nerve pain signal...nerve root sedation without injection!

### Vibration Plate Sessions



Gentle, therapeutic vibrations wake up muscles throughout your body or localized area, improving balance, circulation and increasing blood flow and oxygen delivery to the muscles. This enhances your body's built-in ability to regenerate cells and repair itself - increasing motion, flexibility and comfort.

Whole Body Vibration (WBV) helps relieve chronic pain, heal old damage, and accelerate recovery.



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