



Chiropractic and Myovolt.

The world's most advanced
Focal Vibration Therapy.

MYOVOLT®



Overview.

Myovolt is the result of many years of research and development by experts with a track record of designing performance-enhancing technology for elite and Olympic athletes. By harnessing the power of Focal Vibration Therapy, Myovolt has been proven beneficial for muscle, joint & injury recovery, mobility impairment conditions and is used by Chiropractors and Physical Therapists to treat patients around the world.

We work with a variety of Rehabilitation Medicine and Physiotherapy centers using Myovolt as an intervention treatment. Our researchers also work closely with the Centre for Chiropractic Research and support their clinical trials using Myovolt to treat Neurological conditions such as Stroke, PAD and DPN.

Chiropractic use cases for Myovolt.

- Proprioception in outer limbs
- Promote circulation and stimulate blood flow
- Reduce stiffness and soreness
- Increase general functional mobility
- Rehabilitation of limb function after neurological conditions
- Functional neurology treatment
- Use Myovolt as a take-home treatment after therapy sessions
- Use Myovolt with other stimulation tools during rehabilitation
- Use Myovolt to assist functional neuropathy treatments

Selected key research findings.

Improving mobility and gait.

Myovolt can improve mobility, gait, cadence and walking speed for those with neurological impairments such as DPN (Diabetic peripheral neuropathy).

Ref: Improvement of Gait after 4 Weeks of Wearable Focal 2 Muscle Vibration Therapy for Individuals with 3 Diabetic Peripheral Neuropathy; Journal of Clinical Medicine; J. Clin. Med. 2020, 9(11), 3767

Ref: Wearable Focal Muscle Vibration on Pain, Balance, Mobility, and Sensation in Individuals with Diabetic Peripheral Neuropathy Int. J. Environ. Res. Public Health 2021, 18(5), 2415

Ref: An Exploratory Study of Wearable Vibration Therapy on Gait and Mobility in People with Multiple Sclerosis; RESNA AC 2020; University of Oklahoma Health Sciences Center

Increasing and supporting circulation.

Myovolt can promote vascular circulation in the muscles providing improvement in mobility and ease of movement.

Ref: An exploratory study of vibration therapy on muscle function in patients with peripheral artery disease. Journal of Vascular Surgery, Volume 71, Issue 4, April 2020

Warm up muscles faster before training.

Using Myovolt to warm up before exercise or training increases mean and peak muscle power off-the-mark by increasing blood flow to the muscles. This also increases flexibility and will reduce injury risk.

Ref: The Acute Effect of Direct Vibration on Muscular Power Performance in Master Athletes. Int J Sports Med. 2016 Feb;37 (2):144-8

Reduce muscle and joint soreness.

Using Myovolt for 10 minutes can reduce muscle and joint soreness immediately therefore can be used as a regular soreness relief tool. Myovolt relaxes the tissues whilst also increasing pain threshold after hard exercise or muscle stress.

Ref: Effectiveness of using wearable vibration therapy to alleviate muscle soreness. Eur J Appl Physiol (2017) 117:501–509

Ref: Wearable Focal Muscle Vibration on Pain, Balance, Mobility, and Sensation in Individuals with Diabetic Peripheral Neuropathy. Int. J. Environ. Res. Public Health 2021, 18(5), 2415

Increase flexibility and range of motion.

Myovolt can increase flexibility and range of motion after just 10 minutes of use. Massaging the tissues and removing lactic acid or metabolic waste faster results in easier body movement.

Ref: Effectiveness of using wearable vibration therapy to alleviate muscle soreness. Eur J Appl Physiol (2017) 117:501–509

Ref: An Exploratory Study of Wearable Vibration Therapy on Gait and Mobility in People with Multiple Sclerosis; RESNA AC 2020; University of Oklahoma Health Sciences Center

Reduce DOMS after hard training.

Using Myovolt after hard training or exercise reduces the level of soreness and stiffness caused by DOMs (Delayed onset of muscle soreness). Range of Motion affected by DOMS is also recovered faster.

Ref: Effectiveness of using wearable vibration therapy to alleviate muscle soreness. Eur J Appl Physiol (2017) 117:501–509

Recover from muscle stress and damage faster.

Using Myovolt after minor muscle damage from hard exercise or training can significantly accelerate recovery. Recovery times can be dramatically shortened with a reduction in Creatin Kinase blood levels from damaged muscles, a quicker return of flexibility/range of motion and significant reduction in DOMS.

Ref: Effectiveness of using wearable vibration therapy to alleviate muscle soreness Eur J Appl Physiol (2017) 117:501–509

Reducing pain, improving balance, sensation and walking ability.

Myovolt can reduce pain and improve walking ability, balance and sensation for those with neurological impairments such DPN (Diabetic peripheral neuropathy).

Ref: Wearable Focal Muscle Vibration on Pain, Balance, Mobility, and Sensation in Individuals with Diabetic Peripheral Neuropathy Int. J. Environ. Res. Public Health 2021, 18(5), 2415

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