

ORIGINAL NOVAFON SOUND WAVE APPLIANCES FOR LOCAL VIBRATION THERAPY



 NOVAFON





EVIDENCE BASED TREATMENT

SPECIAL DEPTH EFFECT
DESPITE NON-INVASIVE APPLICATION

RECOMMENDED BY HEALTH PROFESSIONALS

APPLICATION ONLY TAKES
10 TO 20 MINUTES

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local vibration
therapy



various applications



outstanding
depth effect

LOCAL VIBRATION THERAPY – SCIENTIFICALLY PROVEN, SOFT AND SIMPLE

Local vibration therapy is a **non-invasive** solution for muscle tensions, chronic pain and effects of a stroke. Permanent results can be achieved especially in the fields of physiotherapy, occupational therapy, speech and language therapy and naturopathy.

The **most frequent application areas** are the treatment of chronic muscle, joint and tendon diseases such as arthritis, tennis elbow, heel spur and myalgia. In the neurorehabilitation sector, spasticity, neglect, voice and swallowing disorders can be treated. In the pain therapy field, local vibration therapy can be used for phantom pain, tensions, trigger points and joint pains.

ORIGINAL NOVAFON SOUND WAVE APPLIANCES FOR LOCAL VIBRATION THERAPY

The mechanic vibrations of a NOVAFON sound wave appliance penetrate **six centimetres deep** into the tissue. This improves blood circulation and metabolism, regulates muscle tension and deeply stimulates the tissue. Moreover, regeneration and repair mechanisms are stimulated. The treatment with NOVAFON sound wave appliances is both activating and relaxing – so the local vibration therapy also has a refreshing effect.

NOVAFON sound wave appliances are unique thanks to their versatile applications. They belong to the **most effective and compact products** in the local vibration therapy. Besides, they will impress you with their easy handling and elegant design.

NOVAFON sound wave appliances either have one or two switching steps with 50Hz and 100Hz. Our wide variety of product attachments allow an individual use **invarious fields of treatment**. The ergonomically shaped device fits perfectly in your hand during the treatment.





APPLICATION AREAS

- neurorehabilitation
- orthopaedics
- pain therapy
- paediatrics
- otolaryngology
- after surgeries



MODE OF ACTION

HOW NOVAFON DEVICES WORK

1. REGULATING MUSCLE TENSION

The mechanic vibrations of a NOVAFON sound wave appliance penetrate **six centimetres deep** into the tissue. If vibrations with a frequency of 100 Hz meet a relaxed muscle, the muscle contracts. This reflex is also known as “tonic vibration reflex” (TVR). The consequence is an increase in muscle tension and force potential. At the same time, the stimulation causes a relaxation of the antagonist – the local vibration therapy uses this mechanism for the treatment of spasticity.

2. STIMULATING METABOLISM

The **muscle contractions** and the **deep stimulation** caused by the vibrations improve blood circulation. The local regulation mechanisms of vasculars and tissue are strengthened. **The stimulated tissue gets better blood supply**, metabolism is stimulated and metabolic waste can be removed more quickly.

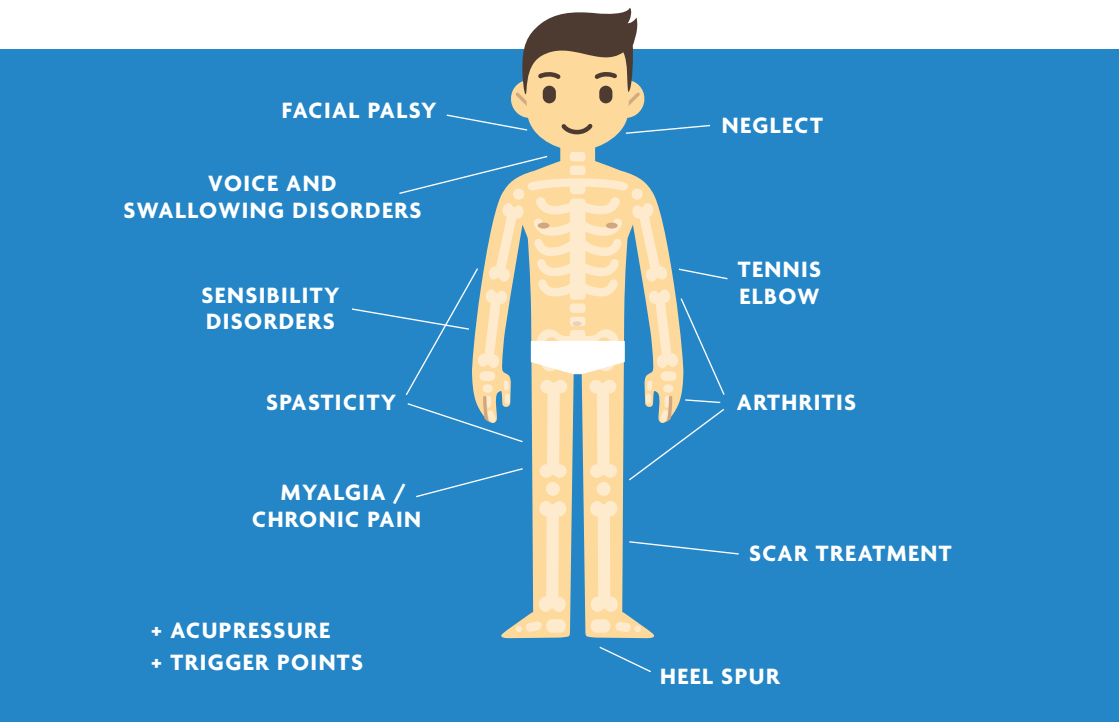
3. PAIN RELIEF

Moreover, vibrations have a pain-relieving effect. The so-called “gate control theory” claims that pain stimuli can be overlaid by other stimuli such as vibrations, cold or pressure. **The pain transmission to the brain can be inhibited.** This effect could be proven in numerous studies for both acute and chronic pain. Vibration was found to have a similar analgesic effect as pain killers. The local vibration therapy can therefore serve as a **drug-free alternative**.

4. IMPROVE SENSIBILITY

The brain is in permanent contact with the peripheral nervous system. Skin, muscles, joints and tendons send information about positions, contacts, pain or temperature. The consequence of damaged nerves can be sensibility disorders which appear in the form of numbness or tingling. In the local vibration therapy, **sensory impulses** on the tissue help to **stimulate the conduction of information** to the brain. The use of vibrations plays an important role as they improve both the deep and the superficial sensibility.





ACHIEVEMENTS WITH NOVAFON SOUND WAVE APPLIANCES

NEUROREHABILITATION

- reduction of spasticity
- improvement of perception for neglect patients
- increase in muscular tension in cases of flaccid paralysis
- improvement of deep and superficial sensibility

PAIN THERAPY

- reduction of joint, muscle and phantom pain
- inhibition of nociceptive and neuropathic pain transmission
- reduction of tensions
- trigger point treatment
- removal of metabolic waste

SCAR TREATMENT AND HAND THERAPY

- deep tissue stimulation
- increased blood circulation in the scar tissue
- removal of adhesives
- enhanced mobility of the scar tissue
- improved scar healing

VOICE AND SWALLOWING THERAPY

- improved swallowing reflex
- reduction of scar tissue after tumors and radiation therapy
- regulation of muscle tension in cases of voice disorders
- activation in cases of vocal cord paralysis
- nerve and muscle stimulation in case of facial palsy

NOVAFON pro

Our all-rounder is extremely versatile. The foldout extension handle guarantees an easy handling.



NOVAFON power

Our power pack works with especially strong vibration. It stimulates and softly relaxes tense muscles.



NOVAFON classic

Our original has proven its worth for many years in the local vibration therapy. The easy handling makes it particularly attractive.



NOVAFON soft

Our softest sound wave appliance – due to its low depth effect, it is also suitable for sensitive parts of the body and children.



NOVAFON magnet attachment

The magnet attachment can be screwed on quickly and can be used for acupuncture and other precise intensive treatments.



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recommended by medical
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