ORIGINAL NOVAFON SOUND WAVE APPLIANCES
FOR LOCAL VIBRATION THERAPY
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.

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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 in various fields of treatment. The ergonomically shaped device fits perfectly in your hand during the treatment.
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.
Do you have any queries or would you like to order a product? You can reach us by phone +41 (0) 558 86 41 or by email info@birkenrot.ch

Further information about our products, additional accessories (e.g. further attachments, literature, our cleaning set, etc.), trainings as well as detailed field reports can be found on our website www.novafon.ch

Novafon Vertrieb Schweiz