

About lipoedema

A guide for women, doctors and therapists

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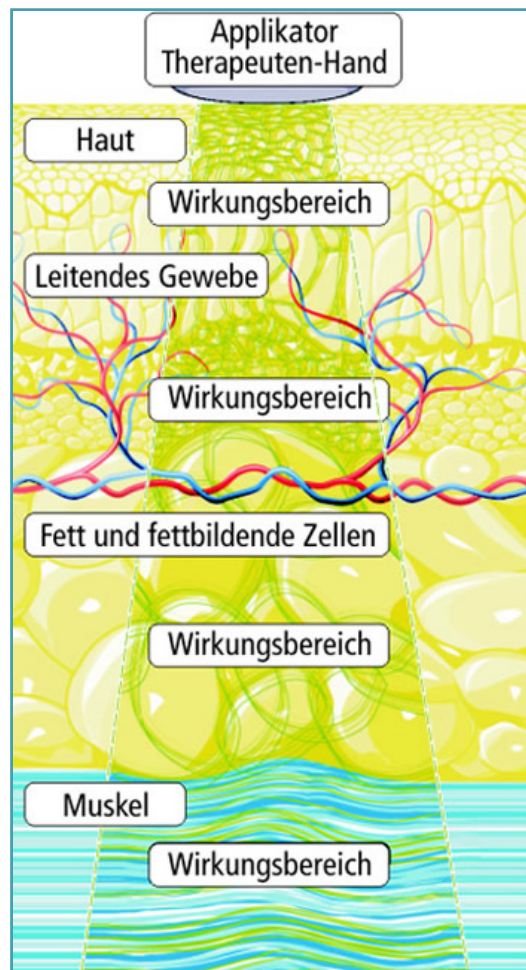
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Contact Impressum

More intensive lymph drainage by Tiefenoszillation

Treatment of lipoedema designed often problematic. This is particularly important at the beginning of therapy the case if the pain is still very large. Use the manual lymphatic drainage (MLD), the pain is to be reduced, but already the MLD hurts many lipoedema patients. A workable solution to the problem may be the Tiefenoszillation.

In the 1980s the Tiefenoszillation to intensify manual lymphatic drainage (MLD) was developed. The various structures in skin and fat, muscle, blood and lymph vessels, etc. are excited by electrostatic attraction and friction for gentle vibration. Unlike other methods, (etc. skin, muscles) in the body vibration enable the regions, the vibrations are in Tiefenoszillation not mechanically "pushed" from the outside in the treated areas. This method stimulates rather in the depths of the fabric whose constituents on extremely gentle way to active self-oscillation ("oscillation") at. This allows a **more effective MLD with significantly softer ground pressure of the hands**. The Tiefenoszillation opened thus in the treatment of lipoedema, but also for patients with painful conditions such as external and internal wounds, inflammation, fibromyalgia, rheumatism, neuralgia etc. completely new possibilities. The therapist can now also in these cases, type, direction and speed of handles purely according to the rules of art determine and must be received no more compromises in deference to the pain symptoms.



Provided by: www.physiomed.de



Patient and therapist are respectively connected via a cable to the Tiefenoszillations device. The therapist helps during MLD application vinyl gloves. These prevent current flowing between him and the patient. Because may build up an electrostatic field between his hands and the treated tissue only by the electrical insulation. Alternatively, the Tiefenoszillation also using special applicators for flexible local and large-scale treatment - are used - also for self-treatment by the patient.



Different frequencies (number of oscillations per second) have different effects in tissue: frequencies between 80 and 250 cycles per second (Hertz) used for dissolving hardening and to reduce pain. With these high frequencies, the application Tiefenoszillation starts normally. Frequencies between 25 and 80 Hertz have a relaxing effect on the muscles and stimulate the flow of lymph. Low frequencies (5 to 25 Hertz) generate a strong pumping action and promote venous and lymphatic drainage. The gentle vibrations of the patient (including children) usually perceived as very pleasant.

Applications of Tiefenoszillation

The Tiefenoszillation is a noninvasive (the skin is penetrated by any object), non-traumatic (the skin will in no way hurt) therapy.

Their high clinical efficacy has been demonstrated:

1. in the promotion of wound healing
2. in the reduction of pain
3. the reduction of local edema
4. in the inhibition of inflammation
5. in improving the mobility

1 .: The wound healing is promoted by the Tiefenoszillation by local supply and disposal situation is improving all the treated tissue layers. The therapy inhibits local inflammation, dampens pain, promotes healing processes and improves the results of the scarring and patient mobility. They can be applied immediately after a surgery. 2 .: by improving blood flow and mass transfer in the finest blood vessels ("microcirculation") the Tiefenoszillation promotes washout of nociceptive substances ("pain transmitter") such as serotonin, bradykinin, prostaglandins including the anti-inflammatory effect of edema reduction affects the pain symptoms positively. 3 .: The typical lipoedema pain caused by "orthostatic water retention" (edema). "Mixed" in the space between the cells (interstitial) the Tiefenoszillation the basic substances and keeps gaps open in the tissue (prälymphatische channels). This is the "lymphatic load" transported more quickly and thoroughly and thus reduced the edema. The mechanical activation triggers the chronic lymphedema (including the [Lipo-lymphedema](#) counts) on typical induration in the tissue (fibrosis). Reduced to 4 .: The Tiefenoszillation both the emissions of inflammatory mediators (substances that initiate inflammation or maintained) as well the escape of water and protein from blood and lymph vessels. This counteracts acute and chronic inflammation. For 5 .: Chronic pain or injury usually result in restricted mobility. This is mainly a diminished microcirculation, increased state of tension of the muscles (muscle tone) and bonds caking of fascia responsible (Fascia is connective tissue-cases, the bones, muscles and organs envelop, and support one another.). The Tiefenoszillation directs the three-dimensional sliding the fascia and compared with each other again, improves microcirculation and affects the nerve function positively. . All this leads to a rapid reduction in pain and in turn to an improvement in mobility For more information, please visit:

