

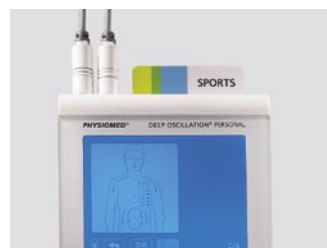
APPLICATION AND OPERATION



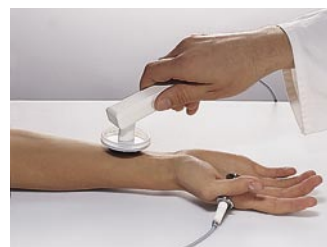
DEEP OSCILLATION® PERSONAL was designed for individual, mobile use. Battery operation and a handy size guarantee flexible use, both on the road and at home.



A generous graphic display, together with the single button operation, guarantee very easy program selection and a good overview.



The SPORTS chip card provides pre-programmed treatments, normally consisting of different treatment sections at various frequencies, as well as informative therapy notes and graphics for treatment.



For the treatment, the patient holds a titanium contact electrode loosely between the fingers. The pleasant therapy effect of DEEP OSCILLATION® is created beneath the hand applicator, which is moved in a circular motion above the tissue.

STANDARD ACCESSORIES

- | | |
|---------------------------|---|
| 1 Hand applicator-handle | 8 NiMH rechargeable batteries, size AA, 1.2 V |
| 2 Oscillator heads, 50 mm | 1 Treatment card SPORTS |
| 2 Membrane sets, 50 mm | 1 Pack of powder |
| 1 Oscillator head, 95 mm | 1 Titanium neutral electrode |
| 1 Membrane set, 95 mm | 1 Carrying strap |
| 2 Spiral cables | 1 Transport bag |
| 1 Battery charger | 1 Operating instructions |

»THE UNIQUE FEATURE OF DEEP OSCILLATION® IS THAT IT CAN BE USED AT A VERY EARLY STAGE AND DESPITE ACUTE PAIN. EVEN WITH MY CHRONIC TENDON DAMAGE, IT FEELS INCREDIBLY GOOD!«

STEFAN GLOWACZ / VICE WORLD CHAMPION COMPETITION CLIMBING 1993 / PROFESSIONAL CLIMBER

»DEEP OSCILLATION® CAN BE FELT IMMEDIATELY. EVEN DURING TREATMENT YOU CAN FEEL THE PAIN DIMINISHING. AFTER ONLY 10 MINUTES OF APPLICATION, LIGHT ACTIVE MOVEMENT IS POSSIBLE, WHICH I THOUGHT WOULD HAVE BEEN IMPOSSIBLE!«

CHRISTIAN DOMSCHEIT / GERMAN VICE CHAMPION INLINE MARATHON 2005 / ZEPTO SKATE TEAM

»ALL SPORTSPEOPLE WHO WE HAVE TREATED FOR MUSCLE ACHES HAVE RECOVERED THEIR NORMAL PERFORMANCE MUCH QUICKER WITH DEEP OSCILLATION®.«

JEANNETTE RABEL / SPORTS PHYSIOTHERAPIST

»WHEN USED AFTER FRESH POSTOPERATIVE SWELLINGS, WE OBSERVE A MUCH QUICKER REDUCTION IN EDEMA THAN IN PATIENTS WHO HAD NO ADDITIONAL TREATMENT WITH DEEP OSCILLATION®.«

BODO WISST / PHYSIOTHERAPIST OF THE PERUVIAN TAEKWONDO NATIONAL TEAM

Errors excepted. Specifications and designs are subject to change without prior notice. 10/2005

DEEP OSCILLATION® PERSONAL SPORTS

Faster regeneration after training, traumatic injury, damage from overstraining and operations – for muscle aches, strains, inflammation, swelling, wounds

PHYSIOMED®
ELEKTROMEDIZIN

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PHYSIOMED®
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TREATMENT FOR TRAUMATIC INJURY AND DAMAGE FROM OVERSTRAINING

For traumatic injuries and damage from overstraining, DEEP OSCILLATION® has an anti-inflammatory and oedema-reducing effect, directly stimulates self-mobilization in areas relieved of pain and thus enables an earlier return to active forms of therapy and training.



The SPORTS chip card provides pre-programmed treatment courses for all relevant sport applications

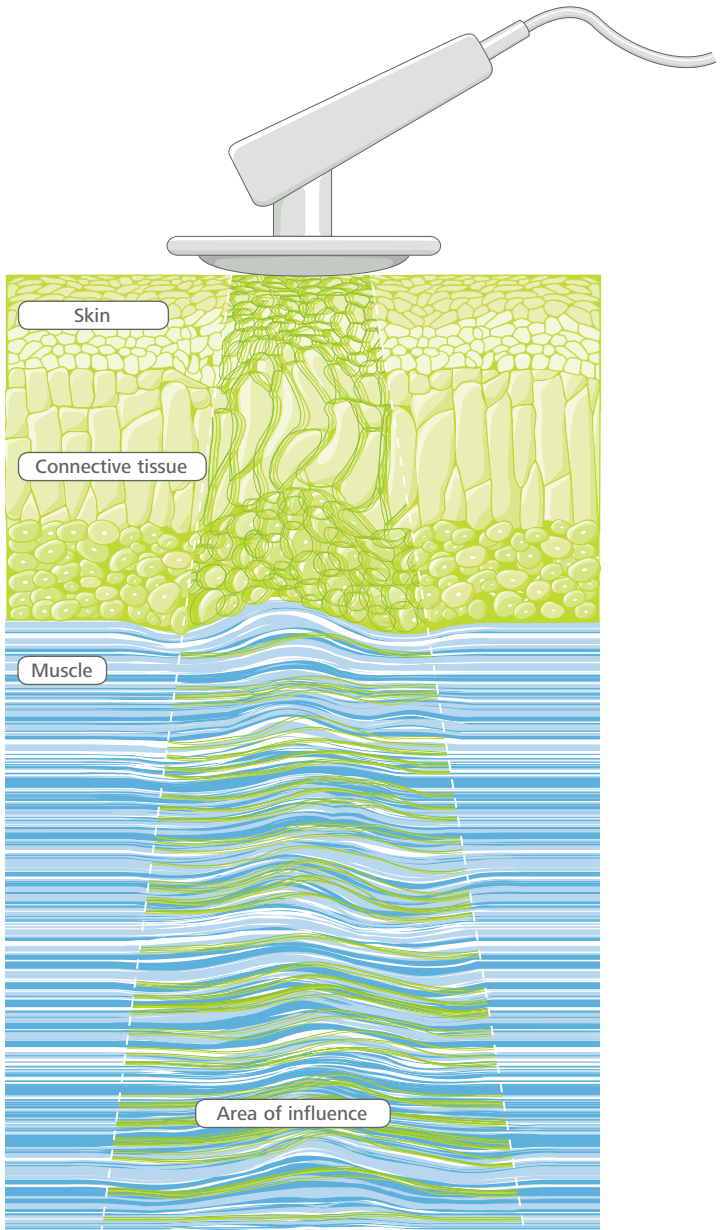
PRE- AND POSTOPERATIVE THERAPY

With DEEP OSCILLATION®, swellings and oedemas can be relieved pre- and postoperatively considerably faster than with conventional therapies. Because it can be used at an extremely early stage, healing processes are stimulated and accelerated, local inflammation is inhibited and pain is reduced over a sustained period.

TRAINING AFTERCARE AND PERFORMANCE STABILIZATION

In training aftercare, DEEP OSCILLATION® is known for its rapid, muscle-relaxing and pain-relieving effects, and for its direct effect against microtrauma (muscle aches). Roughage and cell remains are removed more quickly through the treatment. This promotes a more effective nutritional supply to the muscle cells, thus accelerating the restoration to optimal performance. Regeneration times in the systematic training process can thus be reduced.

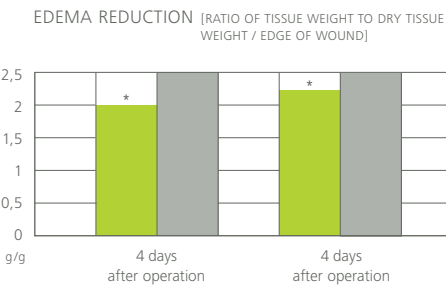
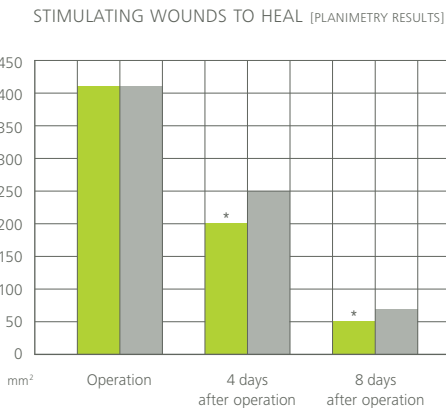
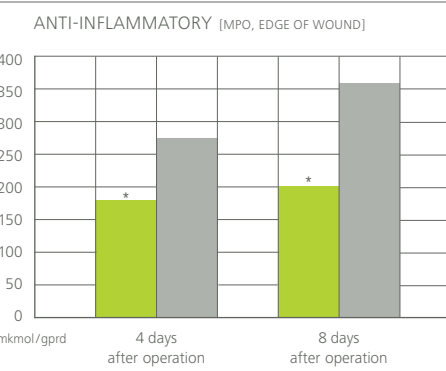
HOW IT WORKS



SCHEMATIC REPRESENTATION
Electrostatic pulses create pleasant, deeply effective oscillations in the tissue. This has directly trophic-enhancing, muscle-relaxing and local anti-inflammatory effects. Swellings and oedema are absorbed much more quickly, pain is subdued. Wound-healing is stimulated.

In contrast to externally applied, mechanical forms of therapy, (e.g. vibration), the therapy effect of DEEP OSCILLATION® takes place in the tissue itself and works through the entire depth of the tissue. This causes DEEP OSCILLATION® to be especially gentle and makes it an unmatched treatment alternative for fresh trauma, postoperative, for acute pain and in the area of open wounds. Proof was established in representative studies of the following significant effects for DEEP OSCILLATION®:

SIGNIFICANT EFFECTS



DEEP OSCILLATION® | * p < 0,05 versus control

Source: »Wound Healing Effects of Deep Oscillation«: Mikhalechik E., Titkova S., Anurov M., Suprun M., Ivanova A., Trakhtman I., Dept. Molecular Biology & Dpt. Physiology, Russian State University, Moscow

ANTI-INFLAMMATORY

DEEP OSCILLATION® stimulates local immunity. Various immunity parameters are increased through the treatment, inflammation mediators are released. The body's own local defensive function increases overall, the therapy has a significant anti-inflammatory effect.

STIMULATING WOUNDS TO HEAL

DEEP OSCILLATION® helps in speeding up and improving wound-healing processes. Through the oedema-reducing and anti-inflammatory effect, the local metabolic elimination and alimentation is improved in all tissue layers, whereby tissue renewal and scar formation is encouraged on many levels and is accelerated. This is documented by the significant improvement in planimetric and biochemical parameters of the wound healing.

EDEMA REDUCTION

On the level of the interstitium, DEEP OSCILLATION® causes a »Shuffling« of the basic substance, thus promoting the removal of interstitial fluid as well as content material. Interstitial septa and fissures are kept open by the mechanical activation, which helps interstitial drainage. This significantly accelerates the breakdown of local oedema with aseptic inflammations. Proof was also established of a significant reduction in swellings in the area of the wound, due to the treatment. In chronic conditions the treatment helps to disperse fibrosis and hardening of the tissue.