

Clinical proof of effects

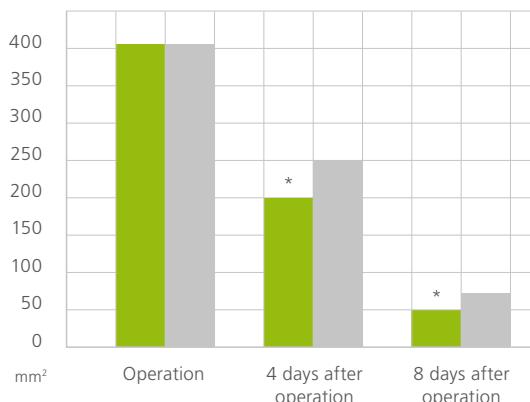
BIOLOGICAL AND CLINICAL EFFECTS

DEEP OSCILLATION®

Control

* p<0,05 versus control

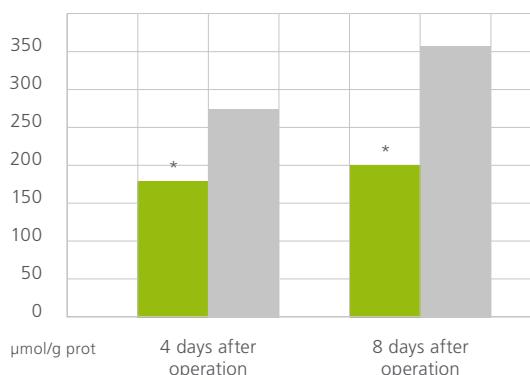
ENCOURAGING WOUNDS TO HEAL
[PLANIOMETRY RESULTS]



ENCOURAGING 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 regeneration and wound closure are encouraged on many levels. This is documented by the significant improvement in planimetric and biochemical parameters of the wound healing.

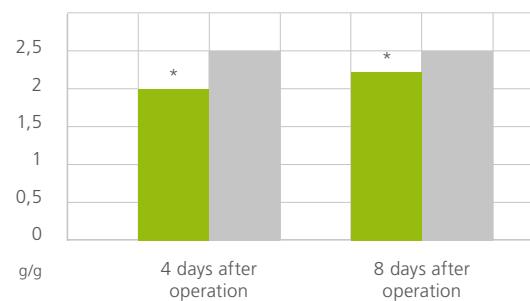
ANTI-INFLAMMATORY
[MPO, EDGE OF WOUND]



ANTI-INFLAMMATORY

DEEP OSCILLATION® suppresses acute and chronic inflammation by restricting pro-inflammatory cell movement to the damaged area, by reducing the inflammatory mediator release, and by inhibiting water and protein leakage from the blood and lymph vessels.

OEDEMA REDUCTION
[RATIO OF TISSUE WEIGHT TO DRY TISSUE WEIGHT / EDGE OF WOUND]



OEDEMA AND FIBROSIS 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 reduces both local oedema and aseptic inflammation. 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 to diminish hardening of the tissue.

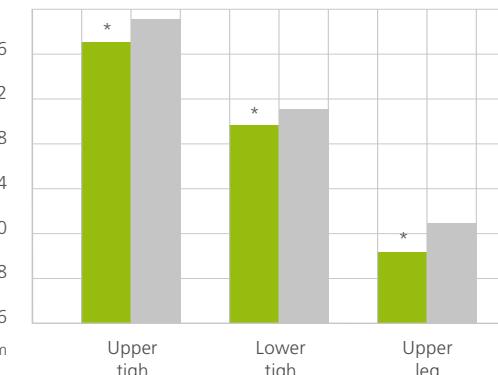


DEEP OSCILLATION® after end of treatment

DEEP OSCILLATION® before treatment

* p<0,05 compared to initial situation

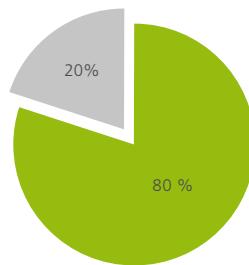
CIRCUMFERENCES [MEASURING]



CELLULITE TREATMENT: OEDEMA REDUCTION

DEEP OSCILLATION® positively affects all cellular and molecular mechanisms of cellulite. It improves blood and lymph flow in the deep skin and subcutaneous layers, diminishes inflammation and oedema. The girth of thighs and posterior decreases.

DISRUPTION OF ROUGH FIBROUS SEPTAE



CELLULITE TREATMENT: ROUGH FIBROUS SEPTAE DISRUPTION / IMPROVEMENT OF SKIN ELASTICITY

DEEP OSCILLATION® disrupts or prevents the formation of rough fibrous septae and reduces the sensitivity of skin cells to oestrogen hormones. This provides effective treatment of cellulite in 80 % of women. Skin elasticity increases, and fibrosis is reduced.

SOURCES

The physiological effectiveness of DEEP OSCILLATION® has been documented in numerous experimental and clinical studies.

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