

STUDY TO EVALUATE THE EFFECT OF LOW-INTENSITY PULSED ELECTRICAL CURRENTS ON LEVELS OF OEDEMA IN CHRONIC NON-HEALING WOUNDS

Oedema causes problems with peripheral circulation and tissue oxygenation in patients with venous leg ulcers (**VLUs**) and can be a barrier to healing.

The objective was to evaluate the effect of **electrical stimulation** on the management of oedema in previously non-healing VLUs.

METHODS:



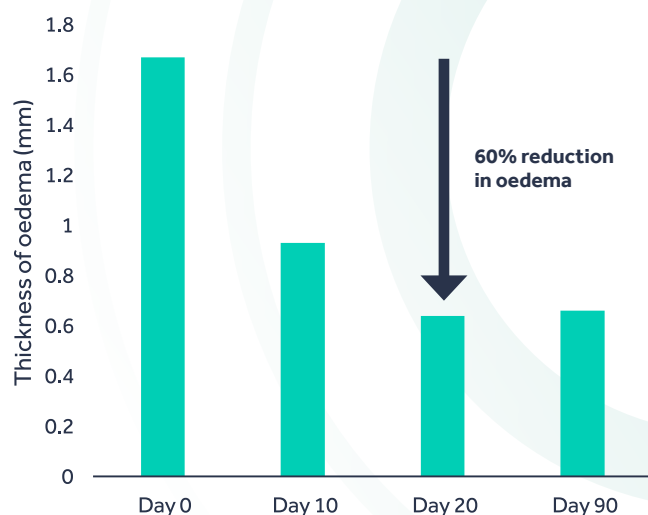
Peri-wound oedema was measured at intervals using high-frequency diagnostic **ultrasound**



Accel-Heal®
was applied until Day 10

- 30 consecutive patients • Median age – 74 years • 57% female
- Median duration of VLU - 17 months

- Significantly reduced oedema in the wound bed and the peri-wound were observed during treatment with Accel-Heal®.
- A 60% reduction in oedema was measured by day 20.
- This was maintained for up to 3 months after the end of treatment.



Conclusion:

Accel-Heal® appeared to be effective in reducing oedema in a range of previously non-healing venous leg ulcers and their surrounding tissues.

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