

## COMBINATION OF THE USE OF TOPICAL NEGATIVE PRESSURE WITH INTERMITTENT PNEUMATIC COMPRESSION THERAPY IN A POSTOPERATIVE ACHILLES TENDON WOUND DEHISCENCE

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**Aim:** In a patient who has a difficult to heal postoperative wound dehiscence we would like to know the effect of topical negative pressure (TPN) in combination with intermittent pneumatic compression (IPC) in promoting wound-healing.

**Methods:** In addition to a postoperative wound infection on an Achilles tendon reconstruction, the wound was complicated to a dehiscence. The wound was high exuding and needed an effective management. Photo material will illustrate the combination of the TNP and IPC.

**Discussion:** The infection with a resistant *Pseudomonas Aeruginosa* turned quickly towards a contaminated wound, in which the edema, erythema and pain disappeared after a few weeks. During the treatment, the combination of TPN and IPC created a very positive interaction, leading to a successful wound healing.

**Conclusion:** Topical negative pressure is an acknowledged method of treating complicated wounds, but will sometimes fail in the progress of wound healing. Addition of intermittent compression therapy might be useful to offer an adequate supply of oxygen and nutrients which is required for normal wound healing.