Improvement of perfusion in wounds and reduction of oedema in the wound and peri-wound area by means of Vacutex, a new micro capillary action dressing.

**Practical Patient Case Nr 1**

**Patient characteristics:**
Male, 73 y, diabetes mellitus, therapy refractory peripheral artery disease. Chronic wound with serious swelling due to oedema problems in and around the wound. Since 23 months no wound closure.

**Therapy:**
Use of Vacutex fixed by a simple gauze dressing. Dressing changes: every 2 days in hospital, every 2 to 3 days in home care. Vacutex was used in combination with compression therapy class 3 (52-41 mm Mercury). Positioning of Vacutex on the wound was initially only on the wound area, but changed to covering the whole peri-wound foot area.

**Results:**
3 weeks of treatment with Vacutex rapidly took away the full oedema problem in both wound and peri-wound area, even on the closed skin of the peri-wound area.

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**Practical Patient Case Nr 2**

**Patient characteristics:**
Male, 54 y, chronic wound based on Pyoderma gangraenosum since 9 months, kidney failure. High exudation, VAS pain score 10, dressing changes with gauze 3 x day, because of clothing in the gauze, topical negative pressure was not possible because of pain for the patient.

**Therapy:**
Use of Vacutex fixed by a simple gauze dressing, daily changes of the dressing. VAS pain score down to 6 in 3 days.

**Results:**
5 days of treatment with Vacutex showed a reduction of slough and increase of the amount of granulation tissue in the wound by 35% (1), as well as an increase of oxygenisation (S1O2) all over the wound by 44%, an increase in the haemoglobin concentration (THI) of 20%, a better NIR perfusion in the wound up to a depth of 6 mm with 12% and a reduction of TWI with more than 20% (2).

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Vacutex is a trademark of Protex Healthcare Ltd. is not a foam and not a superabsorbent, but a rapid micro capillary action dressing designed to help healing hard to heal wounds by means of a very strong absorption, isolation and ongoing transport of exudate from the wound and peri-wound area. For more detailed information on the practical patient care reports, please contact us on info@protexhealthcare.co.uk or check our website on www.protexhealthcare.co.uk.

Protex Healthcare Ltd. Dedicated to advancing wound care for hard to heal wounds. Innovation Centre, Gallows Hill, CV34 6JW Warwick, United Kingdom.