

A HYDROBALANCED WOUND DRESSING AND A READY-TO-WEAR COMPRESSION DEVICE – A SUCCESSFUL COMBINATION FOR TREATING VENOUS LEG ULCERS

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Aim: To demonstrate the feasibility of the treatment of venous leg ulcers by means of a HydroBalanced biocellulose dressing¹ with a ready-to-wear compression device².

Methods: From February to August 2007 we selected 13 ambulatory patients (age 76.6±7.1) with leg ulcers (surface less than 100 cm², lasting for less than 1 year). The ulcers lasted for 5.8±2.7 months; their surface was 13.6±2.2; 1-80 cm² (mean; standard deviation; range); the pain, evaluated according to the visual-analogue scale (VAS), was 7.3±1.5 before starting the treatment. The patients were checked once a week for dressings* change and wore the compression device**.

Results: All the ulcers healed in 70.4±34 days; we did not have any drop out. Patient's compliance was good besides 3 who complained about a negligible discomfort during the night. Pain due to ulcer decreased in the first 3 weeks and was nearly absent subsequently (VAS from 7.3±1.5 to 0.8±0.8). No adverse effect was reported but redness of skin of the bone or tendinous prominences in 2 patients.

Conclusion: This non-controlled clinical evaluation shows that in selected cases the combination of the HydroBalanced dressing* and the compression device** promotes fast ulcer healing. The treatment can reduce and abolish the pain caused by the ulcer and is generally well tolerated.

*Suprasorb® X

**Rosidal® mobil