



WOUND HEALING

SUCROSE-OCTOSULFATE DRESSING WITH POLY-ABSORBENT FIBRES IN THE LOCAL MANAGEMENT OF VENOUS LEG ULCERS AT DIFFERENT STAGES OF THE HEALING PROCESS: RESULTS OF 2 OPEN PROSPECTIVE TRIALS (NEREIDES & CASSIOPEE)

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Background : Today, no simple local procedure is known to promote the healing process of chronic wounds, whatever stage (sloughy/granulation), till closure

Objective: To assess the efficacy and safety of a new sucrose octasulfate dressing (TLC-NOSF) with poly-absorbent fibres in the local management of leg ulcers, at different stages of the healing process.

Materials and Methods: This work presents the results of two French, prospective, multicentre clinical studies: NEREIDES and CASSIOPEE. Patients with a non-infected, moderately to heavily exudative leg ulcer of venous or mixed origin, were treated with the tested dressing and an appropriate compression therapy during 12 weeks. At baseline, wounds in NEREIDES were to be in debridement stage and in granulation stage in CASSIOPEE. In both studies, the primary outcome was the relative wound area reduction (RWAR) at Week 12. Main secondary outcomes included healing rate, time-to-reach wound closure, adverse events, and acceptability by patients and healthcare professionals.

Results: Thirty seven patients have been included in NEREIDES and 51 in CASSIOPEE. The two cohorts were presenting similar patient and wound characteristics and differed only by the percentage of sloughy tissue on wound beds at baseline: median value 75% in NEREIDES and 30% in CASSIOPEE. At Week 12, the RWAR, wound closure rates and mean times-to-reach wound closure supported beneficial clinical outcomes in both cohorts, totally concordant with the previous RCTs done with the TLC-NOSF matrix. The nature and





frequency of the local adverse events were similar in both studies and consistent with the good safety profiles of the poly-absorbent fibres and of the TLC-NOSF dressings.

Conclusions: These clinical results establish the new sucrose-octasulfate dressing (UrgoStart®Plus, Laboratoires Urgo) as an effective, safe and simple treatment for the local management of venous leg ulcers, used at the different stages of the healing process, until wound closure.

