

COST-EFFECTIVENESS IN MODERN WOUND MANAGEMENT OBSERVATION STUDY WITH AN HYDROBALANCE BIOCELLULOSE BASED WOUND DRESSING* IN GERMANY

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Aim: Nowadays, the Modern Wound Management also stands for cost reduction beside the reduction of healing time and pain. The economic side of wound management is very important from the health economic point of view as well as more and more data are available today. Therefore, in the following observation study with 60 patients we evaluated the costs of treatment beside the success of healing.

Methods: Patients with chronic wounds (from mild to moderate exudation) have been treated with modern moist wound management products were used: as primary dressing an HydroBalance biocellulose based wound dressing* and as secondary dressing a film or a foam dressing adapted on the current exudation. In addition to the actual costs of the wound dressings the personnel costs were documented. These costs were compared with costs of traditional and modern management described in the literature. Total costs resulted from costs of material plus personnel costs defined by frequency of dressing change.

Results: In comparison to traditional treatment, the costs in total for the modern management technique are significantly lower (-49,35%). Due to the prolongation of the range of dressing change (4,9 days average) of the HydroBalance wound dressing*, the total costs with this treatment regime were additionally significantly reduced (with secondary dressing foam: -61,86%; with film: -73,67).

Conclusion/discussion: The choice of the wound dressing and its abilities influences directly the cost-effectiveness. Decision must be affected through properties to the wound healing affects and the cost affects.

* Suprasorb® X and Suprasorb® X+PHMB