

Prospective Evaluation of Suprasorb X in chronic wounds

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Introduction: The Suprasorb X Wound Dressing is a sterile product composed of cellulose, water, and 0.085% chlorhexidine gluconate. This wound dressing is capable of significantly hydrating and absorbing fluid to maintain the ideal moisture balance (HydroBalance). We prospectively report about 134 consecutive wounds treated with Suprasorb X in our wound care center.

Methods: Treatment was performed in an interdisciplinary wound care center according to a comprehensive wound care protocol and the data of 134 wounds were prospectively collected. Data were analyzed using SPSS and are given as mean \pm SEM. Differences between groups were calculated by Kaplan Meier method because of different periods of observation.

Results: There were 37 diabetic ulcers, 42 venous ulcers, 32 ischemic ulcers and 23 ulcers with different etiology. The mean age of the patients was 70 ± 1 years, wound duration prior to treatment was 207 ± 40 days and mean treatment time was 123 ± 9 days. There was an overall probability of healing of 50% within one year. Especially for diabetic ulcers, probability of healing was 65%, for venous ulcers 50%, for ischemic and other ulcers 50%.

Conclusion: There were 134 hard-to-heal ulcers with a long wound duration prior to referral to our centre. However, healing rates were excellent with the use of Suprasorb X. Prospective studies are underway to evaluate the impact of Suprasorb X.