

Treatment of donor-sites by using a HydroBalanced biocellulose based wound dressing*

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Aim:

The treatment of donor-sites is a daily routine. In practice, the local treatment diversifies in a high amount of different standards. Target has to be a guideline to have the possibility of comparing the effects and results with the aim of finding a "gold-standard" in the treatment of this "routine-wound". Therefore, we evaluated the possibilities of a HydroBalanced biocellulose based wound dressing*.

Material and Methods

25 patients with donor-sites have been included. After taking the split skin graft, the donor-sites have been treated with a HydroBalanced biocellulose based wound dressing* as primary dressing and a film dressing as secondary dressing. The removal of the dressing occurred after 7-8 days without any change between. After removal the donor site was covered with a silicone coated gauze for a few days till the wound was dry. If possible, a long term observation occurred.

Case 1: Female, 66 years, chronic ulcer after Achilles tendon surgery



day 8



day 15



day 29



day 70

Case 7: Female, 76 years, BCC right lower leg



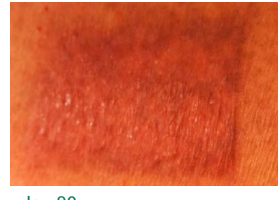
day 10



day 38



day 57



day 80



day 8



day 18



day 110

Case 12: Female, 74 years, keratoacanthoma right lower leg



day 8



day 29

Case 3: Male, 70 years, BCC temporal left



day 7



day 21



day 45

Case 14: Female, 74 years, melanoma right lower leg



day 10



day 29



day 79

Case 20: Female, 71 years, chronic ulcer left lower leg

Results:

100% of the patients attested a significant pain-reduction. There was no need of an additional pain medication. The amount of post-surgical infections was zero.

The donor site was almost healed after application of the dressing. An ingrowth of granulation tissue into the dressing could not be observed.

Conclusion

The use of the HydroBalanced biocellulose based wound dressing* resulted in an adequate fast wound healing at the donor site, it also decreased the dressing changes. Last but not least it reduced the pain of the patients at the donor site for almost 100%.

* Suprasorb® X, Lohmann & Rauscher
BCC = basal cell carcinoma