

# Further results in the treatment of chronic ulcers with a HydroBalanced biocellulose based wound dressing\* in Italy

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## Aim:

The treatment of chronic ulcers represents a daily challenge for doctors and nurses. Beside the therapy of the systemic disease the choice of the local treatment plays a fundamental role. An always increasing number of materials and products on the market renders the choice for the prescriber and user. A possible approach consists in products with a wide spectrum of uses in different stages of exudation healing. In this evaluation the further practical experiences in Italy with a HydroBalanced biocellulose based wound dressing\* are presented.

## Material and Methods

The study was performed with 20 patients with chronic ulcers of various pathogenesis, exudation light-moderate in a period over 12 weeks. The treatment based on a new moist wound treatment, the HydroBalance wound concept: a HydroBalanced biocellulose based wound dressing\* and a secondary dressing depending on the exudation level (film, foam, highly absorbent medication).

### Case report 1: Lower leg ulcer

**Patient:** Female, 82 years old  
**Treatment:** HydroBalanced bio-cellulose\* based wound dressing, PU-foam as secondary dressing compression with short stretch bandage

**Wound size:** Start: 6.6 x 4.5cm (29.7 cm<sup>2</sup>)  
day 11: 6.4 x 5.3 cm (33.92 cm<sup>2</sup>)  
day 18: 6.1 x 3.2 cm (19.52 cm<sup>2</sup>)  
day 30: 4.9 x 2.6 cm (12.74 cm<sup>2</sup>)  
day 43: 1.7 x 1.7 cm ( 2.89 cm<sup>2</sup>)



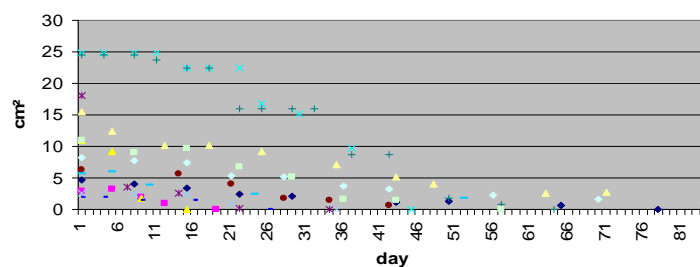
### Case report 2: Lower leg ulcer

**Patient:** Female, 73 years old  
**Treatment:** HydroBalanced bio-cellulose\* based wound dressing, PU-foam as secondary dressing compression with short stretch bandage

**Wound size:** Start: 3.5 x 1.3 cm (4.55 cm<sup>2</sup>)  
day 9: 3.2 x 1 cm (3.2 cm<sup>2</sup>), clean granulation tissue  
day 19: nearly closed



reduction of wound size



## Results

The following effects could be shown:

- interval of dressing change from 3 to 7 days depending on the exudation stage
- the granulation process was stimulated
- the re-epithelisation process was effectively stimulated
- the clinical significant reduction of the area of the wound was during the observation time

## Conclusions

The treatment has prolonged in order at least 12 weeks and has shown an excellent clinical outcome using the HydroBalanced biocellulose based wound dressing\* in stimulating the processes of repair in all stages of wound healing.

\* Suprasorb® X, Lohmann & Rauscher