

SUCCESSFUL TREATMENT WITH A HYDROBALANCED CELLULOSE DRESSING* OF A PATIENT WITH MAJOR THIRD-DEGREE BURNS OF A AND B TYPE (AFFECTED AREA 98%)

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Introduction: A patient, 16 years old, with flame burn 98 % of the face, neck, body, upper and lower extremities, was treated with the hydrobalanced cellulose wound dressing (HWD)* (secondary dressing: film**) started in January 2007.

Methods and Results: The mean epithelization time of the largest part of third-grade burns of A-type in the major wound areas of the chest, abdomen, back, lower extremities was 23-25 days in spite of severe toxic-septic course due to the burn disease. The dressings were applied for 5-7 days (very good fixation, no trauma or injuries during change.) Toxic or allergic reactions were absent. A confluent insular epithelization was observed.

At the donor site HWD* (applied 2-3 days after the grafting) led to considerable decrease in dressing frequency, reduced the damage of the wound surface and formed the conditions for the epithelization within 10-12 days.

Conclusion: HWD* used in the patient with supercritical, about 98 % skin burns is not only effective in the complex treatment of dermal third-degree burns of A-type but also in the control of donor sites during the postoperative period. The dressings actively stimulate regenerative processes after wound cleaning from pyo-necrotic tissues, accelerating the marginal and insular epithelization. The doubtless advantages of the application of HWD* dressing are decrease of the dressing frequency, easy care after a patient with major wound surfaces, reduction of pain intensity between the dressings. Wound defects covered with HWD* look more aesthetic than with the use of traditional devices.

*Suprasorb® X; **Suprasorb® F; Lohmann&Rauscher