

# Suprathel® - An innovative, resorbable skin substitute for the treatment of burn victims

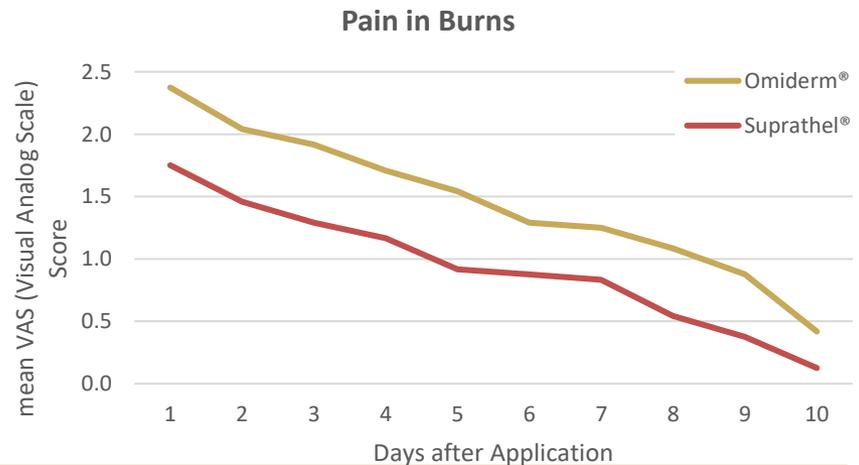
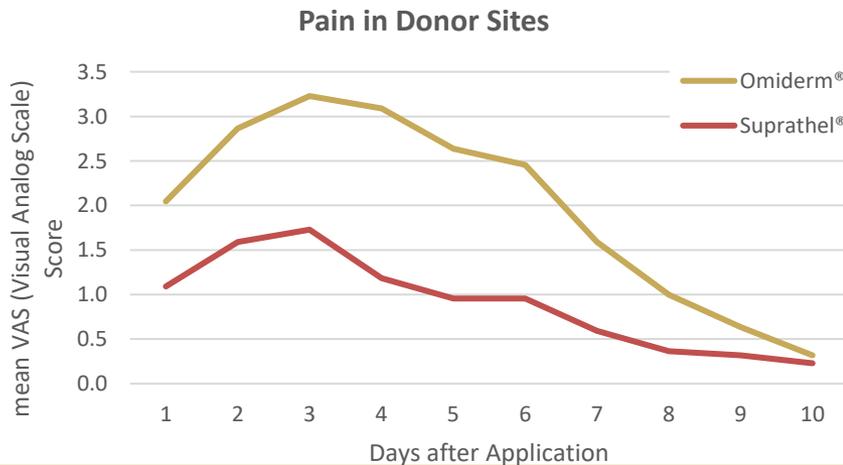
Uhlig et al. 2007: Burns. 2007 Mar;33(2):221-9

<b>Indication:</b>	Part A: Donor sites ; Part B: burns (2a°)
<b>Study Design:</b>	Prospective, controlled, intraindividual, bi-centric
<b>Treatment:</b>	Suprathel® in comparison to Paraffin gauze (A) and Omiderm® (Corticotulle) (B)
<b>Number of Patients:</b>	Part A: 22 patients; Part B: 24 patients

- Pain** » **Significant pain relief in donor sites by 59%** compared to control group (Paraffin gauze) (cumulative pain score 10 d: 9 vs. 21.7).
- » **Significant pain relief in burns by 37%** compared to Omiderm® group (cumulative pain score 10 d: 10.5 vs. 16.3).

**Water permeability** » **Comparable with human skin** (e.g., region of axilla, cheek, upper arms)

**Histology** » **improved epithelization** trough all layers compared to Corticotulle.



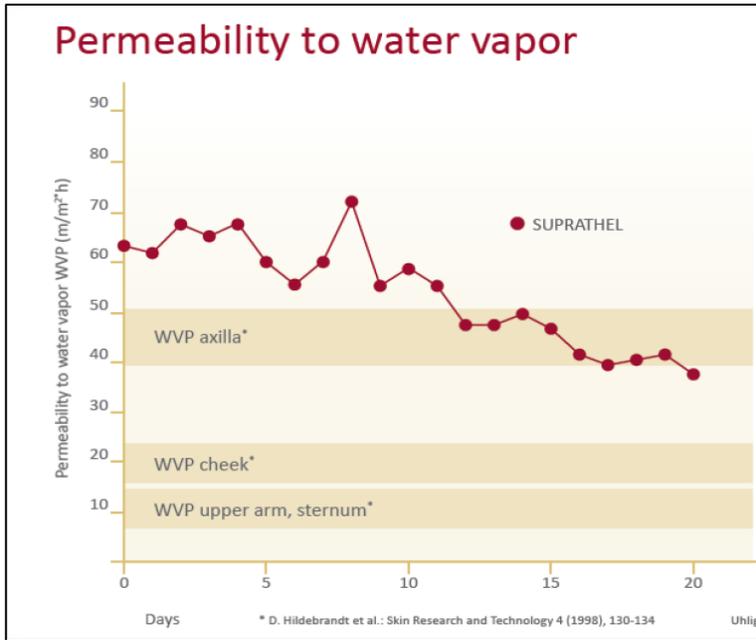


Fig. 2 – Moisture vapour permeation of Suprathel® during degradation (in vitro/37 °C/PBS).

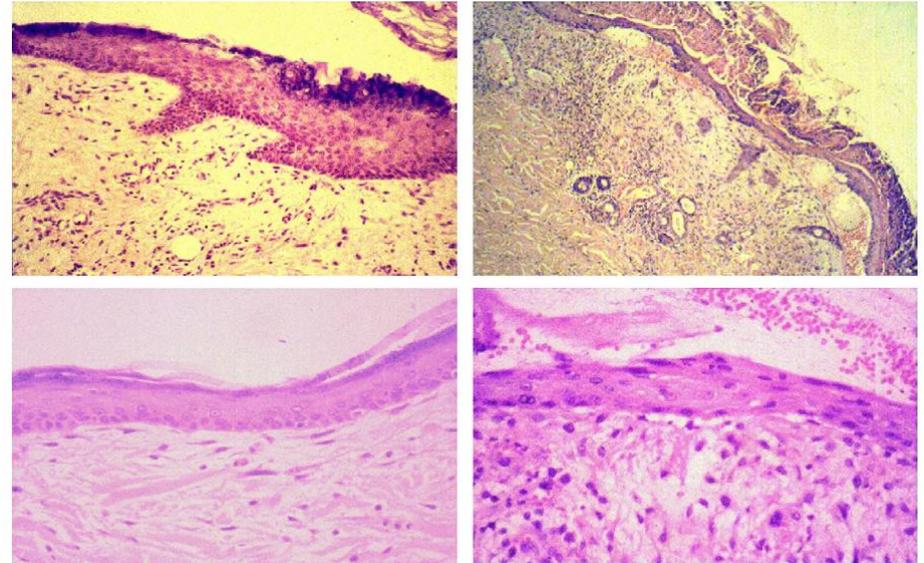


Fig. 7 – Histological cuts after 14 days (second degree burns, left: Suprathel®; right: Corticotulle®).