

Suprathel[®], a new skin substitute, in the management of partial-thickness burn wounds: Results of a clinical study

Schwarze et al. 2008: Ann Plast Surg. 2008 Feb;60(2):181-5

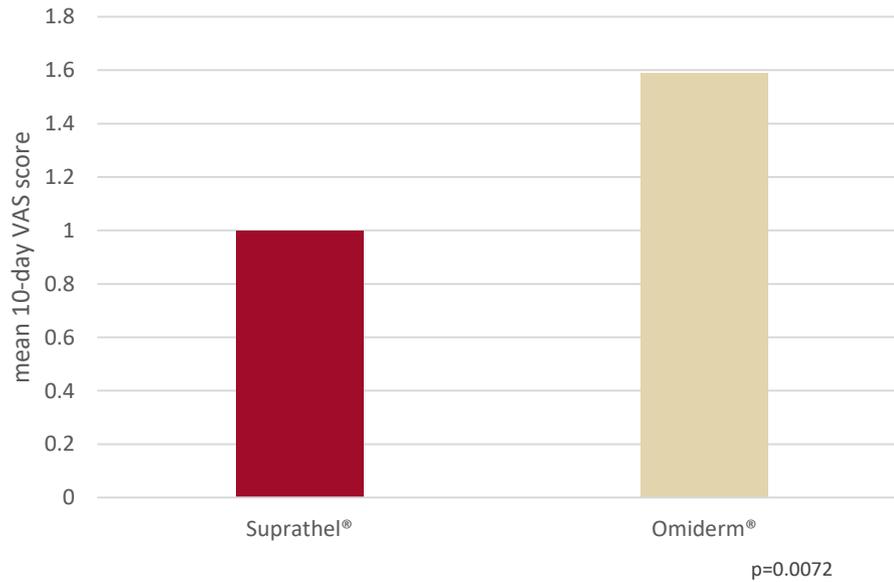
Indication:	Second degree burns (superficial and middermal)
Study Design:	Approval study: Prospective, controlled, intraindividual, bi-centric
Treatment:	Suprathel [®] in comparison to Omiderm [®]
Number of Patients:	30 patients
Number of Patients:	Mean age 40.4 years

- Pain** » **Significant pain relief by 35%** compared to Omiderm[®] group (mean VAS score of 10 days: 1 vs. 1.59; p=0.0072).
 - » Most patients experienced **immediate ease of pain** after Suprathel[®] application.
- Ease of care** » In contrast to Omiderm[®], Suprathel[®] shows **better attachment and adherence** to wounds, even on **difficult anatomic areas** (e.g., fingers, elbow).
 - » Dressing dislocation was detected in 46% of Omiderm[®]-treated wounds, **no material dislodgement** occurred in Suprathel[®]-treated wounds.
 - » Suprathel[®] becomes **transparent** when applied, thus allowing **close monitoring** of wound healing.
 - » Suprathel[®] **reduces the frequency of dressing changes**.
 - » During the course of healing, it detaches smoothly, **without damaging the reepithelized wound** surface.
 - » **Easy of care has been rated outstanding** by patients and healthcare professionals
- Infection rate** » **No infections** occurred

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Mean Pain Score



Course of Pain over time

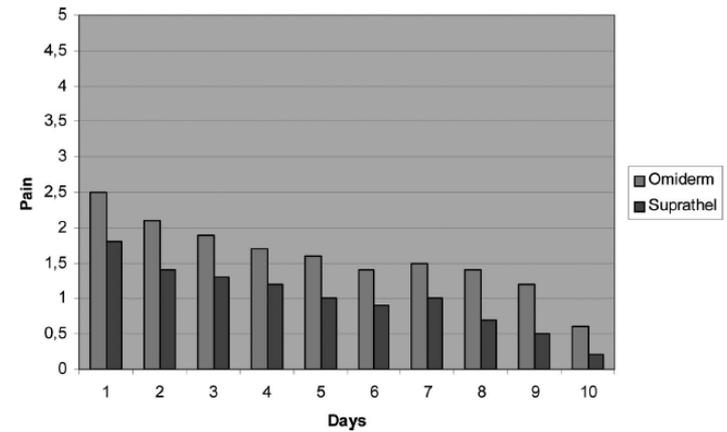


FIGURE 3. Pain score during a 10-day treatment period evaluated with VAS (P = 0.0072).