

Mepilex® Ag in the management of partial-thickness burns: A review of the clinical evidence.

Pawlak, U., Davies, P., Wounds International 2022

Burns, their management and associated challenges:

- Many challenges associated with burn management, including slow wound healing, infection, pain, contractures and hypertrophic scarring.
- Reducing the risk of infection is considered to be the highest priority.

Silver as a topical antimicrobial agent:

- Ionised silver is an appropriate topical antimicrobial for the prevention of acute infection in individuals at increased risk, to treat localised wound infection and, in conjunction with systemic antibiotics, to treat local spreading or systemic wound infection.
- Silver is recommended as a topical antimicrobial agent for burns by the International Wound Infection Institute.



**180,000 deaths/year
caused by burns globally**

Mepilex Ag:

- Indicated for use on a variety of different wound types including partial-thickness burns, with low-to-medium exudate levels, where management of infection risk is required.
- Strong evidence base supporting its effectiveness, both in terms of healing and associated cost benefits.
- The soft silicone wound contact layer is designed to help minimise wound and peri-wound trauma and associated pain.

Clinical evidence:

- **Seven randomised controlled trials (RCTs):** outcomes reported include healing/time to healing, pain assessment, infection, scar outcome, cost-effectiveness, patient and clinician perspectives.
- In the majority of these studies, Mepilex Ag was associated with faster times to healing/re-epithelialisation, reduced pain, fewer dressing changes and faster dressing change time, significant and measurable cost-savings, savings of other resources (e.g. analgesics due to reduced pain and reduced staff time), overall ease of use, and patient and clinician satisfaction, compared to the comparator dressing regimens utilised in the studies. Where studied, scar quality outcomes were positive for Mepilex Ag.

Conclusions

Mepilex Ag has consistently delivered good clinical and health economic outcomes when compared to a variety of other wound care products, such as silver-containing topical preparations, silver-containing dressings, and semi-biological dressings, when used for the management of partial-thickness burns, in both adults and children.

Find out more at molnlycke.com

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