



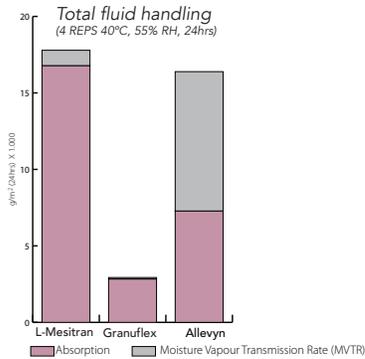
Product Information
Hydro & Border

L-Mesitran Hydro, Border

The Hydro is a honey containing dressing for use on acute and chronic wounds. L-Mesitran Border is identical, but with an adhesive border.

Hydro and Border are sterile, semi-permeable wound dressings containing 30% honey, an acrylic polymer gel and water with a polyurethane film backing, with and without an adhesive border.

The honey-hydrogel pad donates moisture to re-hydrate dry tissue, and is also able to absorb low to high levels of exudate to help maintain a moist environment conducive to healing. The film backing provides the dressing with bacterial barrier properties. The adhesive border from the Border allows the dressing to be fixed securely. This is useful when patients need to shower or bathe with the dressing in place.



Fluid handling capacity of L-Mesitran Hydro, Border and Active Large

Indications

Both Hydro and Border are indicated for chronic wounds, such as:

- pressure ulcers
- superficial and partial thickness burns
- venous, arterial and diabetic ulcers
- fungating wounds.

They are also indicated for acute wounds such as:

- donor sites
- surgical wounds
- cuts and abrasions

Efficacy

Hydro and Border quickly neutralize wound odors. The products provide a moist wound healing environment. This environment aids cleansing of the wound and optimizes wound healing.

The gel does not adhere to the wound. L-Mesitran has no influence on blood glucose levels. The products have a cooling effect, which is helpful with e.g. burns.

Case: Burn

An adult male (42 years), with an accidental burn sustained to the right upper extremity, including hand, after falling into a fire drum with hot coals.

Methods

Tangential excision or skin grafting was not indicated and the wounds were initially dressed at the hospital with silver impregnated dressings before intentional conversion to L-Mesitran Hydro after hospital discharge.

Results

Satisfactory wound healing and burn epithelialization was complete in sixty days, and the rehabilitation at home was successful and facilitated by strict sepsis surveillance and nutritional support. Both a positive subjective and objective end result or measured-outcome followed the use of the honey based dressings of choice.

Three month follow-up after the burn showed minimal depigmentation, hyperpigmentation and hyperplastic scar tissue resulting in no elbow, wrist or finger contractures.

Discussion

Burn surface wound healing was affected by secondary intention and the use of topical honey-based moist dressings, active movements of both extremity joints and hand to avoid contracture



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and stiffness. The application of L-Mesitran Hydro barrier island dressings facilitated rapid burn wound re-epithelialization, curtailment of pain and burn associated sepsis at the skin denuded areas, without need for other dressings.

Application of L-Mesitran reduced the period of functional disability in this burn patient and the healing of the deep thermal burn was accomplished within sixty days. Patient satisfaction was expressed with a high level of burn wound healing and regained full functionality of the forearm and hand.

Technical information

- Synthetic gauze:** polyurethane film
- Amount of gel/dressing**
- Hydro:** 0.353 ounce
- Border:** 0.123 ounce
- Shelf life:** 3 years
- FDA classification:** Rx, OTC

Contra-indications:

- Do not use on individuals with a known sensitivity to the dressing or its components.
- The dressing should not be used on:
 - Full thickness burns,
 - Deep, narrow cavities or sinuses.

Storage precautions:

Store at room temperature 5°-25°C/41°-77°F. Store dry. Do not freeze. The storage conditions are detailed on the product cartons and pouches as symbols. Is sterile until opening.

References

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