SOFT

L-Mesitran® Product Information

Mechanics

L-Mesitran Soft, due to its strong osmotic activity, has proven antimicrobial efficacy, even against antibiotic-resistant strains, such as MRSA and biofilm (fig. 1). It also prevents infection and quickly neutralizes wound odours. L-Mesitran Soft is a primary wound dressing that can be covered with the most commonly used secondary dressings. The properties of the gel also help prevent the secondary dressing from adhering to the wound bed. L-Mesitran Soft has no influence on blood glucose levels and reduces pain. When the gel is in contact with the wound, fluid is drawn from the surrounding tissues through osmosis. By doing so, a moist wound healing environment is created. This environment stimulates the wound healing process: aids wound bed preparation by facilitating autolytic debridement of necrotic and other devitalised material and promotes better epithelial cell migration and reduces scarring.

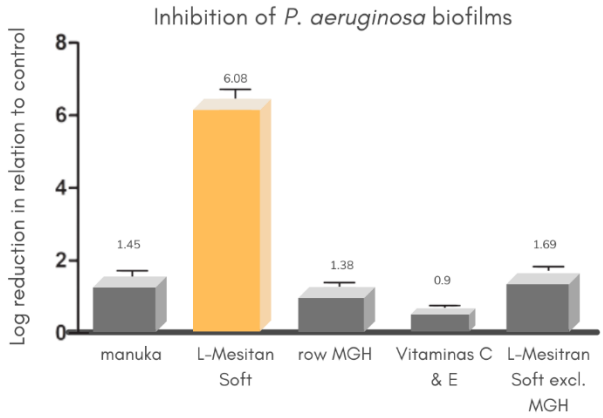

Figure 1. *Synergistic activity of the L-Mesitran supplements*

Ingredients

- 40% medical grade honey
- Hypoallergenic lanolin
- Propylene glycol
- PEG 4000
- Vitamin C
- Vitmain E

Indications

- Chronic wounds.
- Pressure ulcers (Stage I-IV).
- Venous stasis ulcers.
- Fungating wounds (to help deodorise and/or debride).
- Colonised acute wounds.
- Surgical wounds, post-operative wounds.
- Traumatic wounds (superficial wounds, cuts).
- Burns, superficial and partial thickness burns

Contra-indications

Do not use the gel on patients who are known to be sensitive to it or any of its ingredients. No other contradictions are known to date

Technical information

pH:	+/- 3-6
Shelf life:	3 years
CE classification:	class IIb

Storage precautions

Store at room temperature 5°-25°C/41° - 77°F. The storage conditions are detailed on the product boxes and primary packaging as symbols.

Size	Box (primary packaging)	Box/ case	Order code	Reference
0,9g	10 pcs (sachets)	100	LMS01S	201.10
15g	1 pc (tube)	14	LMS15	203.01
50g	1 pc (tube)	12	LMS50	205.01
250g	1 pc (jar)	30	LMS250J	207.01

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Case: Leg ulcer

A woman (57) with a general bad health condition and diabetes had an ulcer on her leg after a vein was removed for her bypass operation (fig. 2A). The wound was treated with povidone-iodine for a week in the IC-unit.

Methods

After cleaning the wound with saline, L-Mesitran Soft was applied in a thin layer. This was done by the home care nurse under the supervision of the GP.

Results

The dressing created a moist wound environment. The necrotic and infected wound (fig. 2A) debrided fast and after appr. 4 weeks a clean and granulating wound bed was observed (fig. 2B). The wound was epithelised during the next three weeks and after 7 weeks the wound was fully healed with little to no scarring (fig. 2C). The patient had no painful sensation during wear time or at dressing changes. No maceration was observed and there were no adverse events reported. In total, roughly 150g of L-Mesitran Soft was used and the wound healed.

Discussion

The debridement of the wounds was fast, which is one of the key features of honey-based products. This evaluation shows that this product can effectively combat infections and stimulate granulation and epithelisation. The wound healed completely without adverse effects and virtually no scarring.

A B C

Figure 2. *Wound progression in time.*

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