

Honey gauze Revamil[®] used for treating and healing burns

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HYPOTHESIS / AIM Honey gauze dressing and Honey gels are well known treatments that accelerate the healing of problem wounds. Our hypothesis was that burns also may benefit from Honey dressing in the healing process and according to that we decided to use Revamil[®] Honey gauze (Bfactory) as a single treatment for burns.

Our assumptions were:

1. The impregnated gauze will not adhere to the burn surface.
2. The honey will contribute its potent antibacterial effects, hyperosmolarity and other characteristics to induce a better healing.

MATERIAL and METHODS We decided to limit the spectrum of the trial to superficial burns and partial thickness burns. Patients with allergy to honey were excluded. All patients got explanations of the treatment and signed an informed consent. Once patients enrolled they were treated with the Revamil gauze dressing with a secondary foam dressing. The dressings were changed 2-3 times a week until healing was achieved or the product went inadequate.

The use of Revamil gel, oral antibiotics and pain killer was permitted if needed.

RESULTS and FINDINGS

- 1: 3 Out of 4 patients (75%) achieved complete healing in 13-47 days (mean: 28.6 days) and 5-20 treatments (mean 11 treatments).
- 2: Patient Number 4 dropped out because of pain induced by Revamil and healed with silver sulfadiazine cream daily treatment.
- 3: Patient number 1 was treated on his right hand with Revamil and on the left by with silver dressing (Biatain Ag). Both were effective but with better results with Revamil so that after 8 days, we replaced the silver dressing to Revamil. Of importance is to mention that the right side which was treated with Revamil from the beginning healed better with a much nicer skin.

CONCLUSIONS and IMPLICATIONS for CLINICAL PRACTICE Honey gauze dressings should be considered as a first choice in the treatment of superficial and/or partial thickness burns. Although we achieved good and impressive results, randomized control and blinded trials on a bigger scale should be done to ratify the effectiveness of honey as single topical treatment for burns

Before using Revamil



At 14 days of using Revamil



At 33 days of using Revamil

