



Case studies – Revamil, incl. Revamil Collagen

Bfactory Health Products B.V.

Post Market Clinical Follow-up Case Studies

1 *Introduction*

The main indications for application of Revamil gel, Revamil Melginate, Revamil Wound Dressing and Revamil Collagen are chronic, difficult to heal wounds. Depending on the wound stage, treatment with one, or a combination of these products is normally carried out:

- Revamil pure-honey-based gel, in combination with Revamil Wound Dressing, is applied in the stage that the wound is chronic and often infected. The antibacterial protection and natural debridement affect rapid cleaning of the wound site.
- In case of a moderate to high exudation level, the treatment can be combined with Revamil Melginate, facilitating the absorption of excess wound moisture and at the same time maintaining a moist wound environment by the formation of a transparent gel.
- To enhance the wound healing process to complete healing, Revamil Collagen can be applied in the last wound healing stage.

2 *Objective*

The primary objectives of the case studies shown was to:

- Demonstrate that honey-impregnated dressings promote wound healing effectively
- Demonstrate that by application of different honey-based Revamil Wound Dressings during the wound healing process, the wound can progress to complete healing.

3 *Method*

The hospital of Centro Polispecialistico Pacini of Milano is specialized in policlinical treatment of chronic, very difficult to heal wounds. The medical nurse Giuseppe Maiera has specialized in the treatment of chronic wounds and has more than 5 years of experience with Revamil honey-based products. We documented the treatments of three patients by Giuseppe Maiera with Revamil Products.

4 *Results*

Casus 1.

The patient (Female) is 92 years old and suffers from dementia, immobilization syndrome and thrombocytopenia. She has two pressure ulcers, one dorsal, one sacrum, which exist for more than 1 year and do not show any progress to healing. The treatment with Revamil was started on 27-10-2015, with a combination of Revamil gel 18g and Revamil Wound Dressing (Figure 1A). After 5 weeks the treatment was continued with a combination of Revamil gel 18g and Revamil Melginate (Figure 1B). After 8 weeks the treatment was continued with Revamil Collagen in combination with fatty gauze wound dressings. Twenty-five weeks after start of the treatment with Revamil products the wound is almost closed (Figure 1C).



Figure 1. Treatment of pressure ulcer with Revamil honey-based products. **A.** Start with Revamil gel and Revamil Wound dressing. **B.** Continuation with Revamil gel in combination with Revamil Melginate. **C.** Continuation of treatment with a combination of Revamil Collagen and fatty gauze.

Casus 2.

The patient (Female) is 90 years old and suffers from vascular pathology, central and periferic, immobilization syndrome. She has a pressure ulcer on the heel of one foot that does not show any progress to healing (Figure 2A). The treatment with Revamil was started on 10-09-2015 with a combination of Revamil gel 18g and Revamil Wound Dressing. After 4 weeks (Figure 2B) the treatment was continued with a combination of Revamil Collagen and fatty gauze. After 4 weeks of treatment with Revamil Collagen the wound is closed (Figure 2C).



Figure 2. Treatment of heel ulcer with Revamil honey-based products. **A.** Treatment is started with Revamil gel and Revamil Wound dressing. **B.** Wound after 4 weeks of treatment, continuation with Revamil Collagen and fatty gauze. **C.** Wound closed after 4 weeks treatment with Revamil Collagen.

Casus 3.

The patient (male) is 78 years old and suffers from Diabetic Syndrome: Diabetes mellites, insulin dependent, arteriopathy and chronic kidney deficiency. The patient has a neuro ischemic ulcer at his foot. The treatment started on 09-09-2015 with iodoprovidone 10% in combination with Revamil Gel 18g (Figure 3a). After 12 weeks the treatment is continued with Revamil Collagen, in combination with fat gauzes. After 22 weeks the wound is almost closed (Figure 3C).



5 Conclusions

The results of the different case studies show that chronic and infected wounds that showed no progress towards healing, and were treated conventionally (e.g. fatty gauzes), progressed towards complete healing when treated with a combination of Revamil products. The initial treatment consisted of Revamil pure honey gel 18g and Revamil Wound Dressing. Exudating wounds were treated with Revamil Melginate in combination with Revamil gel. The final stage of wound healing was supported by the application of Revamil Collagen. All wounds progressed towards complete healing within 8 to 25 weeks after the start of the treatment.