

A collection of case studies using Activon® honey products

A 46 year old male sustained a second degree burn of approx. 6x1 cm size, after hot glue accidentally drop to the back of his left hand.

Primary wound treatment

The patient came to the doctors' surgery with a second degree burn on the back of his left hand. The skin was blistered, the affected area measured approx. 6x1 cm. All necrotic skin was debrided and the wound cleaned with normal saline (picture 1).



6x1 cm measuring second degree burn on the back of the left hand after sharp debridement of necrotic tissue.



The same wound after 8 days of treatment with Activon® honey. The wound closed without any signs of scarring.

Further wound treatment using Activon honey

After cleaning the wound, honey (Activon Tube®) was applied directly onto the wound bed and covered with a sterile gauze bandage. The dressing was changed every two days.

Progress of wound healing

After application of honey a rapid granulation and epithelisation of the wound area occurred. Within 8 days the wound closed almost completely without any signs of scarring (picture 2).

An 87 year old male developed a venous leg ulcer on the right shank. The patient is immobile with signs of cachexy.

Primary wound treatment

For primary wound care a siliconized foam dressing was used. In addition the local wound expert recommended a protein rich diet due to signs of cachexy. Despite regular dressing changes no signs of wound healing could be seen over a period of several weeks. Since honey is said to promote wound healing, it was decided to switch to a honey-alginate combination (Algivon®) as primary dressing.

Further wound treatment using Activon honey

At the time of the first application of honey the wound presented itself as a shallow, partially sloughy ulcer of approx. 12cm x 2cm in size (picture 1). The wound was cleaned with an octenidine solution. Algivon® was used as primary dressing and covered with an absorbent dressing. The dressing was changed thrice weekly.

Progress of wound healing

Shortly after the application of the honey-alginate dressing and for the first time within weeks a granulation followed by epithelisation of the wound bed, started. Within a period of only 4 weeks the ulcer size decreased to approx. 0.5cm x 0.5cm (picture 2).



A 12x2cm shallow venous ulcer at the right shank of an 87 year old male.



The same ulcer after 4 weeks of application of a honey-alginate dressing (Algivon®). Dressing changes were done thrice weekly.

An 80 year old male is suffering from an insulin-dependent diabetes mellitus type 2. He already has some neurologic and vascular as well as ophthalmic and renal complications (dialysis). The HbA1c level is 6.8%. After an amputation on the right forefoot a wound measuring approx. 1cm in width persists.

Primary wound treatment

The wound bed is slightly sloughy, the wound margins appear healthy without signs of inflammation. The initial dressing consisted of a calcium alginate covered by a film dressing. The dressing keeps the wound free of signs of infection but no further progress in wound healing is observed (picture 1). Hence, after a fortnight it is decided to switch the primary dressing to a honey-alginate combination (Algivon).

Further wound treatment using Infectohoney

As new primary dressing Algivon is used together with an sterile compress and an adhesive secondary dressing. Dressing changes are done thrice weekly, once in the doctors' surgery and twice by the wife of the patient.

Progress of wound healing

After 4 weeks of Algivon dressing a reduction in wound size accompanied by formation of granulation tissue is visible. The remaining slough is debrided and the application of honey continued. The wound size decreases continuously over

the next few weeks. Picture 2 shows the wound after 12 weeks of application of honey. Another week later the wound is healed completely and the dressing changes to a mere protective one. The patient expresses his utter satisfaction with the honey dressing.



Persisting wound after an amputation. Condition shown is immediately before the first application of Algivon.



The same wound after 12 weeks of application of honey. A week thereafter the wound has healed completely.