ALGINATE


ALGINATE
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THIS FAST GELLING ALGINATE LIKES WET WOUNDS.
activheal
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FEATURES

Excellent absorption of exudate // Versatile // Promotes healing through a moist wound environment // Haemostat // Reduces the risk of maceration // Aids autolytic debridement // Encourages granulation within the wound //

ACTIVHEAL® ALGINATE IS A SODIUM CALCIUM ALGINATE DRESSING INDICATED FOR THE TREATMENT OF MODERATE TO HEAVILY EXUDING WOUNDS AS A PRIMARY DRESSING.

ActivHeal® Alginate is manufactured by processing natural elements found in seaweed to produce felt and rope dressings.

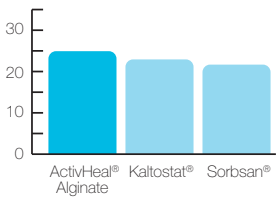
The absorbent alginate fibres in the dressing gel on contact with the wound fluid and gently conform to the wound surface. Alginates absorb exudate away from the wound whilst maintaining an ideal moist wound environment.
The versatility of ActivHeal® Alginate allows the dressing to be used on a variety of wounds, including cavity, to promote healing from within.

PERFORMANCE

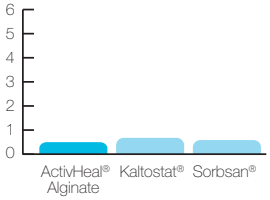
The key performance attributes of ActivHeal® Alginate dressings are it's high absorbency and high wet strength. The charts below demonstrates it's performance. When ActivHeal® Alginate dressings are applied to an exuding wound the sodium salts present in exudate exchange with calcium in the alginate to form a hydrophilic gel. The high wet strength of ActivHeal® Alginate ensures the dressing remains integral on removal.

Alginate fibres are biodegradable[1] therefore any residual fibres that remain after dressing change pose no risk to patient safety. ActivHeal® Alginate fibres are naturally haemostatic as following absorption of wound exudate the alginate dressing releases calcium ions into the wound which can activate platelets to control minor bleeding.[2]

Absorbency[3] (g/100cm²)



Wet strength[3] (N/cm)



References

1. Lansdown AB, Payne MJ. (1994) An evaluation of the local reaction and biodegradation of calcium sodium alginate (Kaltostat) following subcutaneous implantation in the rat. J R Coll Surg Edinb. Oct: 39 (5) : 284-8
2. Thomas, S (2000) Alginate dressings in surgery and wound management: Part 3
3. Data on file
4. Morris C (2006) Wound management and dressing selection. Wound Essentials. Volume 1 page 178-183.

CASE STUDY

Mr B is a 55 year old male with type 2 diabetes and peripheral neuropathy. Mr B whilst on holiday scaled his foot and didn't receive appropriate treatment. The patient presented to hospital 20 days after the initial injury, he had been treated with low dose oral antibiotics and non-adherent dressings. However he unfortunately developed a gangrenous toe with associated osteomylitis. Subsequently the patient underwent surgical amputation of his second and third toes on his left foot. ActivHeal® Alginate dressing was selected as the wound was highly exuding.

WEEK 1

The wound presented following amputation was highly exuding and comprised of 90% slough.

WEEK 4

The wound showed signs of progression with a significant reduction in size and newly formed epithelial tissue was present.

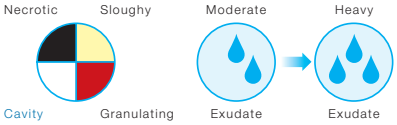
WEEK 9

The wound showed a significant sign of improvement with a small area of granulating tissue.

INDICATIONS

ActivHeal® Alginate is indicated for moderately to heavily exuding wounds that are granulating or with areas of slough[4] including:

- Pressure ulcers
- Leg ulcers
- Venous ulcers
- Arterial ulcers
- Diabetic ulcers
- Cavity wounds
- Lacerations
- Abrasions
- Graft wounds
- Donor sites
- Post operative surgical wounds
- Superficial and partial thickness burns
- To control minor bleeding



SIZES AND CODES

ActivHeal® Alginate is available through a variety of channels including NHS Supply Chain and the Drug Tariff.

Size (cm)	Dressings per Carton	Product Code	NHS Supply Chain	DT PIP Code
5x5	10	10007432	ELS139	301-6722
10x10	10	10007431	ELS140	301-6771
10x20	5	10007430	ELS141	301-6789
2x30 Rope	5	10007428	ELS142	301-6797

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