



[jump start the healing process]

Clinical evidence points to MEDIHONEY®
with Active *Leptospermum* Honey –
as a first choice for stalled wounds. ^{1, 2, 3, 4}



[Active *Leptospermum* Honey makes the difference]

to both you and your patients

“Medical Grade” Honey Fast facts:

1. Controlled against a rigorous set of systems and standards. Must demonstrate product consistency from batch-to-batch.
2. Standardized rating system in place to quantify level of activity.
3. Must be resistant to degradation by wound fluid, maintaining effectiveness in a wound environment.
4. Sterilized by gamma irradiation, destroying any bacterial spores, without loss of product effectiveness.^{5,8}
5. Comes from a traceable source and is free of pesticides and antibiotics.

What is Active *Leptospermum* Honey?

- The most studied species of honey for the management of wounds and burns
- Honey derived from the pollen and nectar of specific *Leptospermum* species of plant in New Zealand
- Is unique among all types of honey in that it maintains its effectiveness even in the presence of wound fluid
- Is the only species of honey that has been shown in randomized controlled studies to help wounds – that have stalled under first-line treatment – to progress towards healing

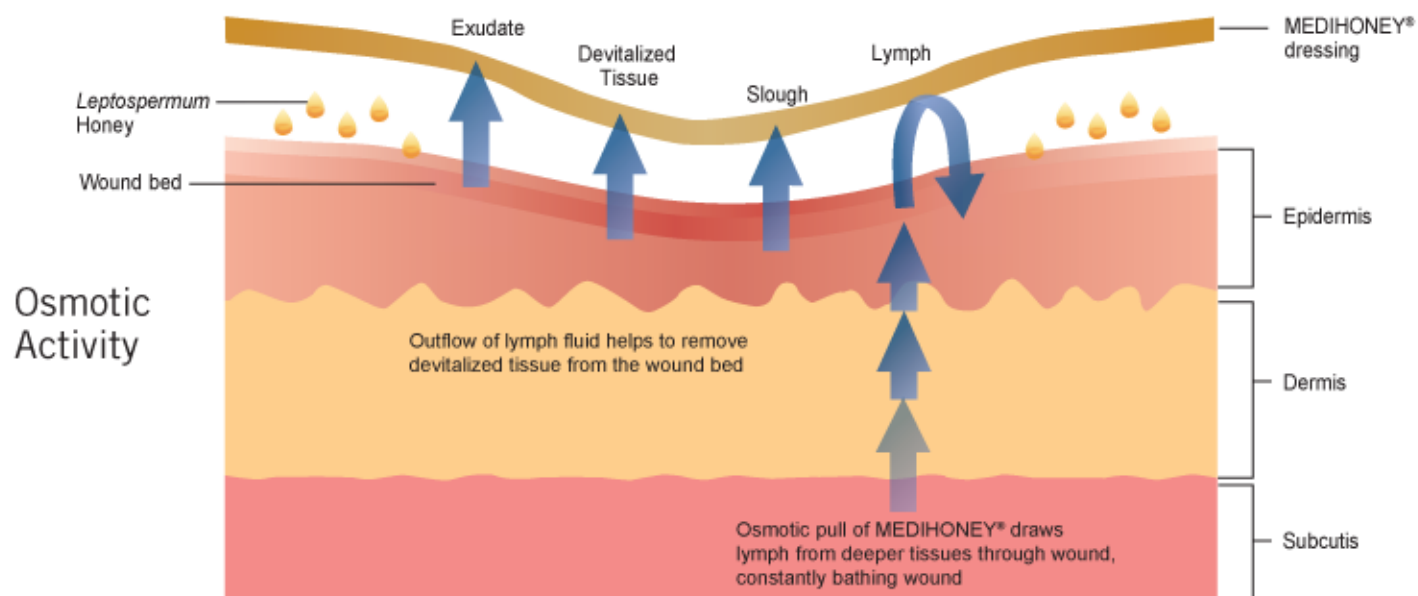
How does MEDIHONEY® help to promote healing?

- Cleanses and debrides due to its high osmolarity⁵
- Helps to lower overall wound pH^{6,7}
- Promotes a moisture-balanced environment conducive to wound healing
- Is non-toxic, natural, and safe
- Is easy-to-use, with the potential for extended wear times (depending on level of exudate)

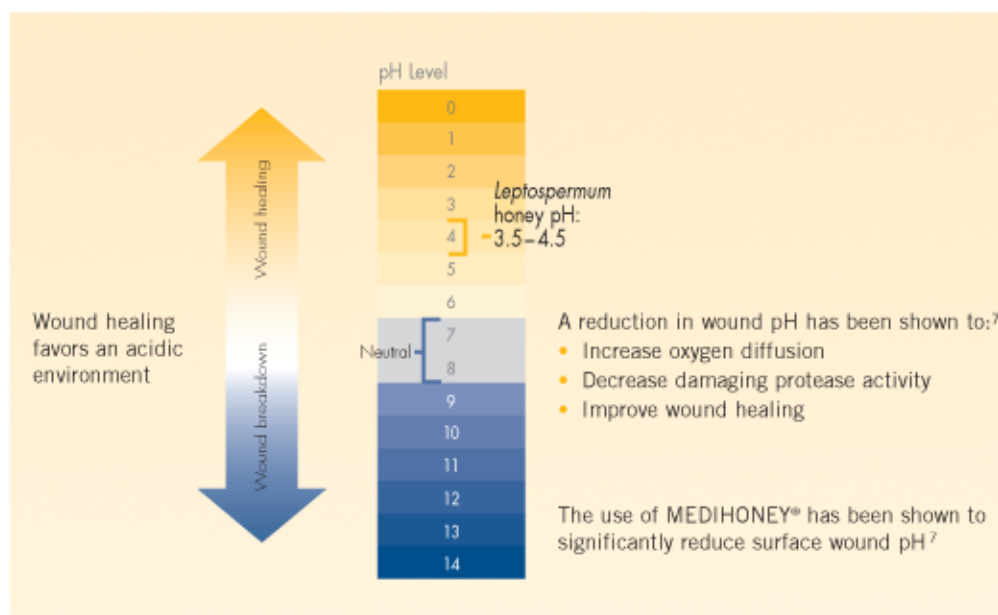


[Osmotic activity and pH modulation]

keys to wound bed preparation and healing progression



pH Modulation



WOUND & BURN DRESSING

MEDIHONEY®

with Active *Leptospermum* Honey

[Look to MEDIHONEY® as first-line of defense]

for stalled, non-progressing wounds

Non-Healing Post-Op Wound

Paul Liguori, MD and Kim Peters, RN, CWS. Case #1 of 8 presented at 2008 WUWHS

- Dehisced pectoral flap procedure
- Progress stalled under NPWT

MEDIHONEY® initiated

- Rapid healing noted after initial daily applications
- Complete wound closure achieved by WK #3



Stalled dehisced post-op wound



WK #3 after MEDIHONEY® applications

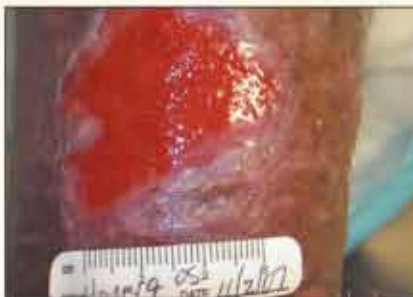
Stalled Venous Leg Ulcer

Matthew Regulski, DPM. Case #3 of 8 presented at 2008 SAWC

- CVI, friable granulation tissue, edema, and pain
- Non-healing with compression therapy and a plain alginate dressing

MEDIHONEY® initiated

- Compression therapy continued
- Wound heals in 28 days



Non-healing, painful leg ulcer,
WK #12 under compression



WK #4 after adding
MEDIHONEY® under compression

[Effective on a variety of etiologies]

helping to make wound
management easier

Pyoderma Gangrenosum

Catherine T. Milne, APRN, MSN, CWOCN. Case #3 of 3 presented at 2008 SAWC & WOCN

- Patient history of Crohn's disease
- Two wounds were both managed with systemic steroids, light compression to reduce edema and either plain alginate, or MEDIHONEY[®] alginate

MEDIHONEY[®] initiated

- By WK #2, the wound managed with MEDIHONEY[®] was reduced by 62%
- By WK #3, the wound managed with MEDIHONEY[®] healed, and the other wound is switched to MEDIHONEY[®] (heals at WK #4)



MEDIHONEY[®] on left, plain alginate on right



WK #3 after initiation of MEDIHONEY[®]

Recalcitrant Diabetic Foot Ulcer

Steven J. Kavros, DPM. Case #1 of 3 presented at 2008 SAWC

- Peripheral neuropathy, ESRD, and CCLI
- Dense fibrin tissue, slough and limited granulation tissue upon initial presentation

MEDIHONEY[®] initiated

- Dressing changes every other day
- Wound volume reduced by 25% by WK #4, and by 85% by WK #8. Complete healing by WK #16



Non-healing diabetic foot ulcer



WK #8 after initiation of MEDIHONEY[®]

[Dressings that can be used from the start of the wound through to closure] can help make wound management easier ¹⁰

MEDIHONEY® Gel Dressing

(Active *Leptospermum* Honey content – 80%, Natural gelling agents – 20%)

- More viscous formulation
- Increased physical stability allows the product to remain at the site of the wound – even in the presence of wound fluid and body heat



Usage suggestions:

- For partial to full thickness wounds with light to moderate drainage.

MEDIHONEY® Paste Dressing

(Active *Leptospermum* Honey content - 100%)

- For use in hard-to-dress wounds and other wounds that would normally require a gel or paste

Usage suggestions:

- This all natural and non-toxic honey dressing can be used safely in tunneled wounds or wounds with undermining
- An optional accessory applicator tip comes in each box, to help facilitate application into tough-to-reach areas



Note: Due to the high osmotic activity of MEDIHONEY® dressings, when appropriate it is recommended to protect the skin with a skin protectant, and to initially cover the dressing with a highly absorbent secondary dressing.

MEDIHONEY® Calcium Alginate Dressing

(Active *Leptospermum* Honey content - 95%)

- Honey impregnated into a calcium alginate dressing
- As wound fluid enters the dressing, the honey is released while the dressing absorbs and forms a gel

Usage suggestions:

- Used in the same fashion as a typical calcium alginate or other gelling fiber dressing



MEDIHONEY® Honeycolloid™ Dressing

(Active *Leptospermum* Honey content – 80%)

Two versions: Adhesive and Non-adhesive

- The adhesive version is occlusive like a traditional hydrocolloid, having a thin film backing and adhesive border
- The non-adhesive version is not occlusive, and requires a secondary dressing to hold in place
- Both versions absorb light to moderate amounts of exudates
- The honeycolloid pad will form a gel as it warms up with body temperature and as it comes into contact with wound fluid

Usage suggestions:

- The adhesive version is an ideal dressing for lightly draining Stage II and III Pressure Ulcers, as well as Skin Tears that can be managed with an adhesive dressing
- The non-adhesive version can be used similarly to an alginate or a hydrocolloid paste to either cover or fill a partial-to-full thickness wound



WOUND & BURN DRESSING

MEDIHONEY®

with Active *Leptospermum* Honey

[Prepare. Promote. Progress.] with MEDIHONEY® Dressings

New!

MEDIHONEY® Gel Dressing

Product	Description	Pkg Unit/Case	HCPCS
31805	0.5 oz	10/box, 40 case	A6240
31815	1.5 oz	1 box, 12/case	A6240

MEDIHONEY® Paste Dressing

Product	Description	Pkg Unit/Case	HCPCS
31505	0.5 oz	10/box, 40 case	A6240
31515	1.5 oz	1 box, 12/case	A6240
31535	3.5 oz	1 box, 12/case	A6240

MEDIHONEY® Calcium Alginate Dressing

Product	Description	Pkg Unit/Case	HCPCS
31012	¾" x 12"	5/box, 20/case	A6199
31022	2" x 2"	10/box, 100/case	A6196
31045	4" x 5"	10/box, 50/case	A6197

MEDIHONEY® Honeycolloid™ Dressing

Product	Description	Pkg Unit/Case	HCPCS
Non-Adhesive			
31222	2" x 2"	10/box, 100/case	A6234
31245	4" x 5"	10/box, 50/case	A6235
Adhesive			
31422	2" x 2" (3½" x 3½" with adhesive border)	10/box, 100/case	A6237
31445	4½" x 4½" (6" x 6" with adhesive border)	10/box, 50/case	A6238

For wounds that have not progressed with standard care, look to MEDIHONEY® to jump start the healing process. Contact your Derma Sciences representative today, call 800 825 4325, or visit us on the web at www.dermasciences.com.



www.dermasciences.com

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WOUND & BURN DRESSING
MEDIHONEY®
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1. Bensen S, Graham T (2007) The use of MEDIHONEY in surgical wounds post-CABG. *WOUNDS* UK, Vol 3, 75-83.
2. Gelfin G (2007) *Leptospermum scoparium* Honey vs. Hydrogel to debride venous ulcers: A randomized controlled trial. *EWMA*.
3. Peggibbi N (2008) Chronic lower extremity venous ulceration - Use of a *Leptospermum* honey impregnated alginate to facilitate wound closure. *SANW*.
4. Sirani A, Salha K, Wisniewsky G, Blaser G, Bark H, Flatzback G (2006) Wound care with MEDIHONEY in pediatric haemoglobinopathy. *Supportive Care in Cancer*, 14, (1): 91-7.
5. Goring KF (2007) Honey and contemporary wound care: An overview. *Ostomy Wound Manage*, 53(11):49-54.
6. Gelfin G, Cozman S (2005) Case series of use of Manuka honey in leg ulceration. *Int Wound J*, 2(1):10-15.
7. Gelfin G, Cozman S (2003) The impact of Alaska honey dressings on the surface pH of chronic wounds. *Int Wound J*, 5:185-194.
8. Luby PE, Coombes A, Wilkinson JM (2002) Honey: A potent agent for wound healing? *J Wound Ostomy Continence Nurs*, 29(6):255-300.
9. Van de Weyer EA (2003) The use of honey for the treatment of two patients with pressure ulcers. *Br J Community Nurs*, 8(12)(suppl):S24-S20.
10. Robin P (2006) The evidence supporting the use of honey as a wound dressing. *Int J Low Extrem Wounds*, 5(1):40-54.

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Scan this QR code now with your smart phone to see MEDIHONEY's unique MOA on our eLearning portal.

