Why wait for wounds to stall?

Treat from Day One with Endoform Dermal Template, the new collagen ECM dressing.

Proven safety and biocompatibility: Endoform Dermal Template contains a naturally derived ovine collagen ECM that is terminally sterilized and may be considered more culturally acceptable than other animal-derived sources.

Indications for Use:
Endoform Dermal Template is indicated for the management of wounds including, partial and full thickness wounds, pressure ulcers, venous ulcers, diabetic ulcers, chronic vascular ulcers, tunneled/undermined wounds, surgical wounds (donor sites, grafts, post Moh's surgery, post laser surgery, podiatric, and wound dehiscence), traumatic wounds (abrasions, lacerations, first and second degree burns, and skin tears), and draining wounds.

Endoform Dermal Template ordering information

Stock No.	Product Size	Quantity/Box	HCPCS
529311	2" x 2" (5 cm x 5 cm)	10	A6021
529312	2" x 2" (5 cm x 5 cm) fenestrated	10	A6021
529313	4" x 5" (10 cm x 12.7 cm)	10	A6022
529314	4" x 5" (10 cm x 12.7 cm) fenestrated	10	A6022

References:

1. HCPCS Codes A6021, A6022 collagen dressing.
2. Negron L, Lun S, May BC. Ovine forestomach matrix biomaterial is a broad spectrum inhibitor of matrix metalloproteinases and neutrophil elastase. Int Wound J. 2012 Nov 1.
3. Endoform Dermal Template Instructions for Use.
4. International consensus. Acellular matrices for the treatment of wounds. An expert working group review. London: Wounds International, 2010.
5. Medicare Local Coverage Determination (LCD) criteria requires the wound to have been present for a predetermined number of weeks and to have failed to respond to documented conservative measures prior to authorizing reimbursement on more advanced wound therapies such as skin substitutes. Number of weeks varies by region.
6. Lun S, Irvine SM, Johnson KD, Fisher NJ, Floden EW, Negron L, et al. A functional extracellular matrix biomaterial derived from ovine forestomach. Biomaterials 2010 Jun;31(16):4517-4529.
7. Schultz GS, Mast, BA, Molecular Analysis of the Environments of Healing and Chronic Wounds: Cytokines, Proteases, and Growth Factors. Primary Intention. February 1999.
8. Schultz GS, Ladwig G, Wysocki A. Extracellular matrix: review of its roles in acute and chronic wounds. World Wide Wounds. August 2005.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).

Manufactured for: Hollister Wound Care, Libertyville, IL 60048 USA. Distributed in Canada by/Distribué au Canada par: Hollister Limited, Aurora, Ontario L4G 1G3. Made in New Zealand by: Mesynthes Limited.

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Hollister

Endoform

The strength of a dermal template. The simplicity of collagen.

endoform™
dermal template

Collagen ECM dressing to treat acute and chronic wounds from Day One.[1]

- Broad spectrum MMP reduction[2]
- Advanced care accessible to all clinicians
- Cost efficiency through weekly applications[3]

Why wait to treat chronic wounds?

Chronic wounds appear to have a degraded or missing extracellular matrix (ECM).[4] Until the "conservative measures timeframe"[5] has been met, advanced therapies such as skin substitutes were not an option, so clinicians have had to wait.

Until now. Introducing Endoform Dermal Template.

The importance of an intact ECM

An essential element in living tissue, the extracellular matrix:[4]

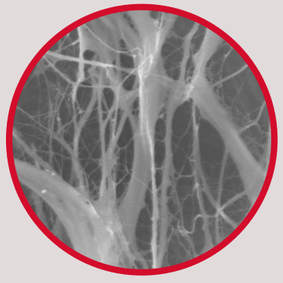
- Regulates intercellular communication
- Serves as a scaffold to hold tissues together
- Provides structural support to help tissue repair

But, degraded ECM delays healing and may lead to the wound becoming chronic.[8]

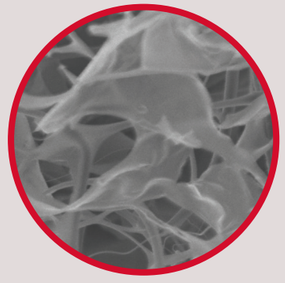
Native structure vs. denatured matrix

Processed collagen/ORC dressings contain a denatured matrix structure. Endoform Dermal Template retains the structure and function of the native ECM[6] to supplement the patient's degraded matrix.[4]

Endoform Dermal Template



Denatured Collagen/ORC



A collagen ECM treatment option within your reach

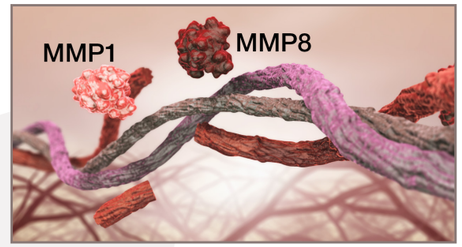
- Can be used to treat chronic wounds from Day One
- No physician fixation required
- Accessible to all healthcare providers across the continuum of care

Plus Endoform Dermal Template dressings may be reapplied as infrequently as once per week, reducing cost and inconvenience compared to other collagen dressings that may need reapplication more than twice as often, per the instructions for use.

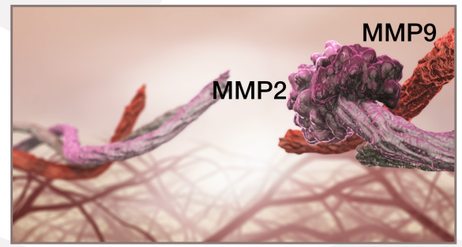
Broad-spectrum MMP reduction

Chronic wounds typically show high levels of certain matrix metalloproteinases (MMPs). These proteases sequentially degrade the native extracellular matrix, delaying wound healing:[7]

First, collagenases (MMP1 and MMP8) cause the initial breakdown of the vital ECM structure.

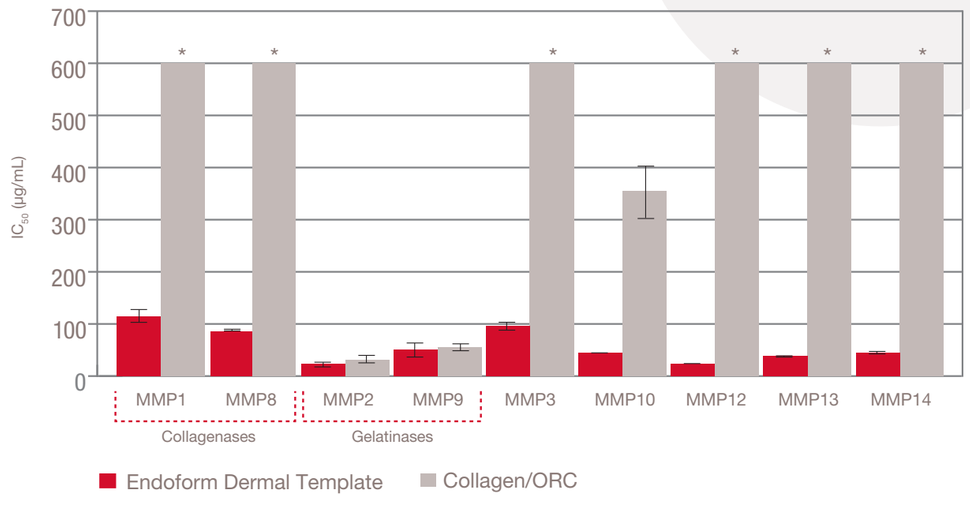


Next, gelatinases (MMP2 and MMP9) further degrade the already-damaged ECM fragments into even smaller components.



To reduce excess MMP activity, collagen dressings act as a sacrificial substrate,[8] but not all collagen dressings perform the same.[2] In laboratory testing, compared to a leading denatured collagen/ORC dressing, Endoform Dermal Template demonstrates improved broad-spectrum MMP activity reduction, especially against critical collagenases (MMP1 and MMP8).[2]

Endoform Dermal Template Provides Broad Spectrum MMP Reduction Compared to Collagen/ORC[2]



Error represents standard error from triplicate experiments.
* Indicates samples were the IC_{50} was estimated to be approximately 600 µg/ml, or greater.