ParametricsMedical

In partnership with Extremity Care.

WOUND CARE SOLUTIONS

Product Catalog

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Potential Clinical Applications

- Diabetic Foot Ulcers
- Partial and Full-Thickness Wounds
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- Draining Wounds
- Chronic Vascular Ulcers
- Surgical Wounds
- Tunneled/Undermined Wounds

Welcome to Parametrics Medical

Parametrics Medical provides the latest advancements in allograft tissue, biologic implants, and regenerative medicine designed to enhance surgical outcomes and improve patient quality of life while honoring the gift of donated human tissue.

Our Mission

Ensuring physicians have the best solutions for their patients.

Partnership with Extremity Care

Through our exclusive relationship, we offer a comprehensive portfolio of wound care solutions designed to meet the clinical needs of physicians and patients across the reimbursement spectrum, providing stability and continuity in a dynamic environment.

ExtremityCare®

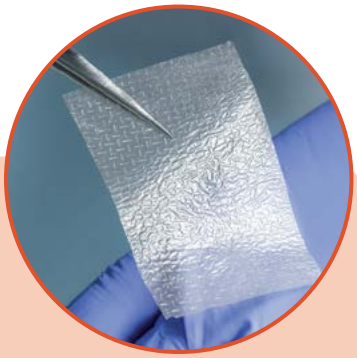
Contact Us

nst@parametricsmedical.com
1.800.917.4880
www.parametricsmedical.com

RESTORIGIN™

DUAL LAYER AMNIOTIC MEMBRANE ALLOGRAFT

Restorigin is a placental tissue allograft that may be used as a protective barrier in wound care applications. The natural properties of amniotic tissue provide mechanical protection and growth factors to aid in the management of acute and chronic wounds.[1,2,3]



About Restorigin™

- **Non-Oriented**
  Restorigin is a dual layer amnion that offers the flexibility of placing either side toward the wound
- **Optimal Handling Characteristics**
  Easily controlled during application due to dual layer technology and 60 micron thickness
- **Natural Adherence**
  Adheres naturally to the patient's tissue without the need for sutures or other fixation

Safety and Processing

- **Gentle Processing**
  Minimally manipulated and processed using gentle detergents and water rinses
- **Gentle Sterility**
  Terminally sterilized with electron beam which has shorter exposure times and produces less free radicals, resulting in less deterioration to tissue structures

Versatility and Ease-of-Use

- **Convenient Storage**
  Restorigin is delivered and stored at room temperature with a 5-year shelf life
- **Preparation**
  Requires no up front preparation or hydration
- **Dual Layer Technology**
  Provides orientation placement flexibility
- **Multiple Sizes**
  Available in a variety of sizes to accommodate physician preferences

Restorigin™ Dual Layer Amnion Membrane

Why Restorigin™?

- **Proven Results**
  Restorigin has been shown to be effective in the management of chronic, non-healing wounds including diabetic and venous leg ulcers.

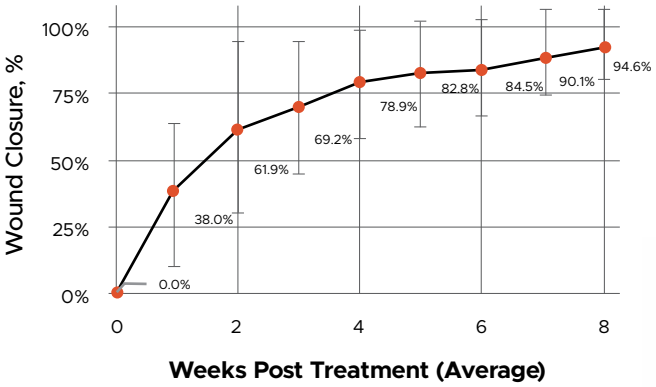


Figure 1. An average of 94.6% of wound area reduction was observed after 8 weeks of HAM sheet therapy.

In a 10 patient case series, 95% of wound closure was achieved after 8 weeks of treatment in patients who previously failed standard care protocols.[4]

Healing Progression - Before and After Treatment

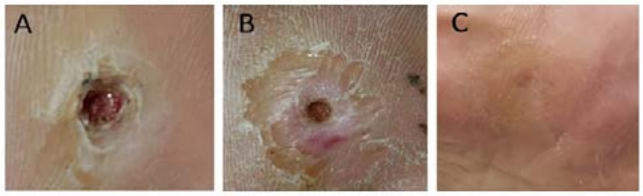
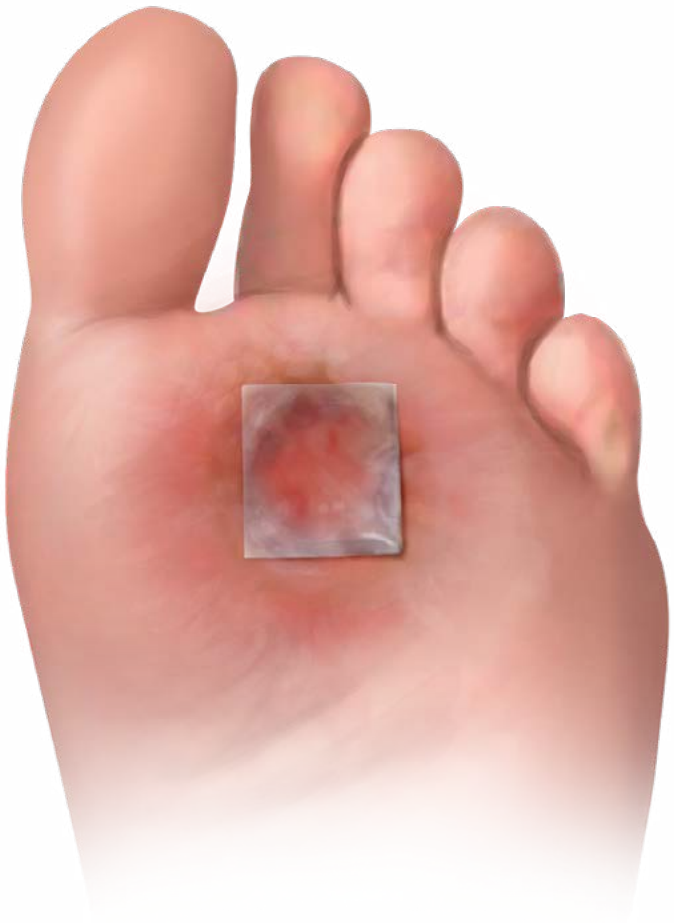


Figure 2. Healing progression is shown for a 42-year-old female patient from before the treatment (A) to complete closure after 4.5 weeks of Human Amniotic Membrane therapy and a single graft application (C).



Ordering Information

SKU	Product Description	Size	Units	HCPCS	SKU
RGN-AM-0202	Restorigin™ Amnion Membrane	2x2cm	4	Q4191	382567000830
RGN-AM-0203	Restorigin™ Amnion Membrane	2x3cm	6	Q4191	382567000847
RGN-AM-0204	Restorigin™ Amnion Membrane	2x4cm	8	Q4191	382567000854
RGN-AM-0404	Restorigin™ Amnion Membrane	4x4cm	16	Q4191	382567000861
RGN-AM-0406	Restorigin™ Amnion Membrane	4x6cm	24	Q4191	382567000878
RGN-AM-0408	Restorigin™ Amnion Membrane	4x8cm	32	Q4191	382567000885

1. Rowlatt, U. (1979). Intrauterine wound healing in a 20-week human fetus. Virchows Arch A Pathol Anat Histol, 381(3), 353–361.

2. Coolen, N.A. et al. (2010). Comparison between human fetal and adult skin. Archives of Dermatological Research, 302(1), 47–55.

3. Niknejad H, Peirovi H, Jorjani M, et al. Properties of the amniotic membrane for potential use in tissue engineering. Eur Cell Mater. 2008;15:88-89.

4. Zakharova M, Hall B, Schallenberger M, Bangart K, Bangart D, Moore S, Thomas J: Case study report of chronic non-healing foot ulcers treated with dehydrated human amniotic membrane sheet. SAWC Spring 2020.

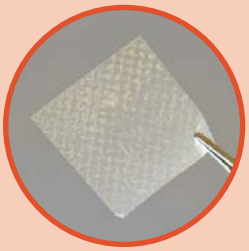
barrera™

DUAL LAYER AMNIOTIC MEMBRANE ALLOGRAFT

Tissue Characteristics

- Dual-layer amniotic membrane.
- Intended for homologous use only. Acts as a wound cover, that is a natural bandage shielding wounds from its external environment.
- Proprietary processing of the tissue ensures that the natural structure and relevant characteristics are preserved.
- Dehydrated, packaged, and terminally sterilized with a 2-year shelf life. Stored at ambient temperature.

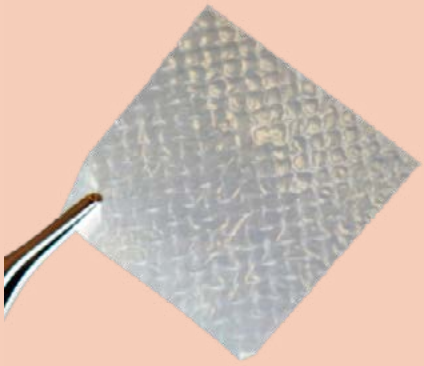
Configurations



Square sizes:
2x2cm, 4x4cm

Rectangular sizes:
2x3cm, 2x4cm, 4x6cm, 4x8cm

Tissue Processing - Amniotic Membrane Barrier



- The amniotic membrane for barrera™ is sourced from healthy deliveries of placental tissue with maternal consent.
- Processed using minimally manipulated amniotic membrane in a dual layer composition to retain the amniotic membrane's original relevant characteristics of the placental extracellular matrix (ECM).
- The amniotic membrane's key structural components, specifically the epithelium layer, as well as the basement layer of the placental tissue, are retained to allow the membrane its utility to serve as a barrier.
- May adhere to the underlying wound surface as a cover protecting wounds and may help prevent formation of dead space on wounds.[1,2]
- May prevent infiltration and adhesion of microorganisms to wounds.[1,2]

Ordering Information

SKU	Product Description	Size	Units	HCPCS	UPC
BRD-022	Barrera™ Dual Layer Amniotic Membrane	2x2cm	4	Q4281	382567000137
BRD-023	Barrera™ Dual Layer Amniotic Membrane	2x3cm	6	Q4281	382567000144
BRD-024	Barrera™ Dual Layer Amniotic Membrane	2x4cm	8	Q4281	382567000151
BRD-044	Barrera™ Dual Layer Amniotic Membrane	4x4cm	16	Q4281	382567000168
BRD-046	Barrera™ Dual Layer Amniotic Membrane	4x6cm	24	Q4281	382567000175
BRD-048	Barrera™ Dual Layer Amniotic Membrane	4x8cm	32	Q4281	382567000182

1. Malhotra C, Jain AK. Human amniotic membrane transplantation: Different modalities of its use in ophthalmology. World J Transplant. 2014 Jun 24;4(2):111-21. doi: 10.5500/wjt.v4.i2.111. PMID: 25032100; PMCID: PMC4094946.
2. Gupta A, Kedige SD, Jain K. Amnion and Chorion Membranes: Potential Stem Cell Reservoir with Wide Applications in Periodontics. Int J Biomater. 2015;2015:274082. doi: 10.1155/2015/274082. Epub 2015 Dec 6. PMID: 26770199; PMCID: PMC4684856.

carePATCH™

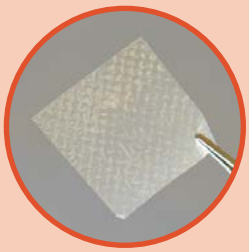
DUAL LAYER AMNIOTIC MEMBRANE ALLOGRAFT

Tissue Characteristics

- carePATCH™ is a dehydrated tissue product stored at ambient temperature with a 2 YearShelf Life.
- carePATCH™ retains amniotic membrane's natural structure and relevant characteristics including epithelium and basement membrane layers.
- carePATCH™ acts as a wound cover, that is a natural bandage shielding wounds from its external environment.

Configurations

These different configurations serve as barriers for different types of wounds.



Square sizes:
2x2cm, 4x4cm

Rectangular sizes:
2x3cm, 2x4cm, 4x6cm, 4x8cm

Amniotic Tissue as a Barrier

- Amniotic membrane adheres closely to its underlying surface as a cover protecting wounds and may help prevent formation of dead space on wound.[1,2]
- Amniotic membrane's barrier function may help prevent infiltration and adhesion of microorganisms to wounds.[1,2]

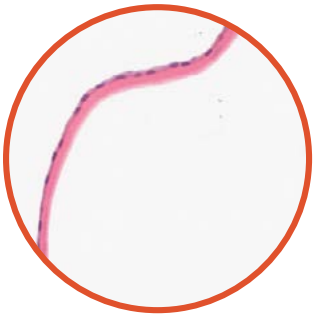


Figure 3 Amniotic membrane of carePATCH™ where epithelial layer is in purple/blue areas and basement membrane is in pink.

Tissue Processing

- The amniotic membrane for carePATCH™ is sourced from healthy deliveries of placental tissue with maternal consent.
- carePATCH™ is produced using minimally manipulated amniotic membrane in a dual layer composition.
- Through minimally manipulated methods carePATCH™ retains amniotic membrane's original relevant characteristics relating to its utility to serve as a barrier, specifically its physical integrity, tensile strength, and elasticity.
- carePATCH™ retains the amniotic membrane's key structural components related to its utility to serve as a barrier, specifically:

  - Epithelium Layer - Basement Membrane

- carePATCH™ is dehydrated, packaged, and terminally sterilized with a 2 year shelf life.

Ordering Information

SKU	Product Description	Size	Units	HCPCS	UPC
CPT022S	carePATCH™ Amniotic Membrane	2x2cm	4	Q4236	382567000014
CPT023S	carePATCH™ Amniotic Membrane	2x3cm	6	Q4236	382567000090
CPT024S	carePATCH™ Amniotic Membrane	2x4cm	8	Q4236	382567000021
CPT044S	carePATCH™ Amniotic Membrane	4x4cm	16	Q4236	382567000038
CPT046S	carePATCH™ Amniotic Membrane	4x6cm	24	Q4236	382567000045
CPT048S	carePATCH™ Amniotic Membrane	4x8cm	32	Q4236	382567000059

1. Malhotra C, Jain AK. Human amniotic membrane transplantation: Different modalities of its use in ophthalmology. World J Transplant. 2014 Jun 24;4(2):111-21. doi: 10.5500/wjt.v4.i2.111. PMID: 25032100; PMCID: PMC4094946.

2. Gupta A, Kedige SD, Jain K. Amnion and Chorion Membranes: Potential Stem Cell Reservoir with Wide Applications in Periodontics. Int J Biomater. 2015;2015:274082. doi: 10.1155/2015/274082. Epub 2015 Dec 6. PMID: 26770199; PMCID: PMC4684856.

completeFT™

FULL THICKNESS PLACENTAL MEMBRANE ALLOGRAFT

Tissue Characteristics

- Multi-Layer graft processed using a proprietary processing technology to ensure all naturally occurring components of birth tissue remain intact through processing.
- Contains the Amnion, Chorion as well as the important Intermediate Layer (IL)/Spongy layer of the placenta.
- Amber color comes from advanced preservation of placental structures and layers.
- Intended for homologous use only. May act as a wound cover, that is a natural bandage shielding wounds from its external environment.
- Dehydrated, packaged, and terminally sterilized with a 2-year shelf life. Stored at ambient temperature.

Configurations

Square sizes:
2x2cm, 4x4cm

Rectangular sizes:
2x4cm, 3x6cm, 4x8cm

Tissue Processing - Placental Membrane Barrier

- The placental tissue for completeFT™ is sourced from healthy deliveries of placental tissue with maternal consent.
- Processed using minimally manipulated placental tissue in a full thickness composition to retain the native characteristics of the placental extracellular matrix (ECM).
- The placental tissue's key structural components, specifically the chorionic, amniotic as well as the spongy layers are retained to allow the membrane its utility to serve as a barrier.
- May adhere to the underlying wound surface as a cover protecting wounds and may help prevent formation of dead space on wounds.[1,2]
- May prevent infiltration and adhesion of microorganisms to wounds.[1,2]

Ordering Information

SKU	Product Description	Size	Units	HCPCS	UPC
EFT22	Complete FT™ Placental Allograft Membrane	2x2cm	4	Q4271	382567000311
EFT24	Complete FT™ Placental Allograft Membrane	2x4cm	8	Q4271	382567000328
EFT44	Complete FT™ Placental Allograft Membrane	4x4cm	16	Q4271	382567000335
EFT36	Complete FT™ Placental Allograft Membrane	3x6cm	18	Q4271	382567000342
EFT48	Complete FT™ Placental Allograft Membrane	4x8cm	32	Q4271	382567000359

1. Malhotra C, Jain AK. Human amniotic membrane transplantation: Different modalities of its use in ophthalmology. World J Transplant. 2014 Jun 24;4(2):111-21. doi: 10.5500/wjt.v4.i2.111. PMID: 25032100; PMCID: PMC4094946.
2. Gupta A, Kedige SD, Jain K. Amnion and Chorion Membranes: Potential Stem Cell Reservoir with Wide Applications in Periodontics. Int J Biomater. 2015;2015:274082. doi: 10.1155/2015/274082. Epub 2015 Dec 6. PMID: 26770199; PMCID: PMC4684856.

XCELLERATE™

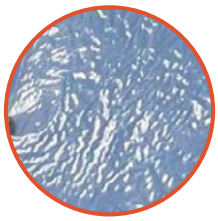
LYOPHOLIZED PLACENTAL MEMBRANE ALLOGRAFT

XCELLERATE™

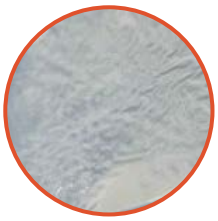
- An acellular amniotic allograft barrier/membrane that supports an environment for wound healing.
- Aseptically processed to preserve extracellular matrix, growth factors and cytokines native to amniotic tissue.[1]
- Indicated for use as a protective barrier in wound care applications

XCELLERATE™ has two distinct sides: an epithelial side and a stromal side. The epithelial side is smooth while the stromal side is dull.

In addition, the graft has a 2-3 mm vertical orientation guide slit that when in the upper right corner, the epithelial side is facing upward.



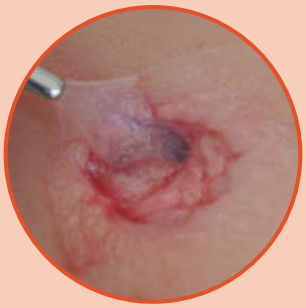
EPITHELIAL



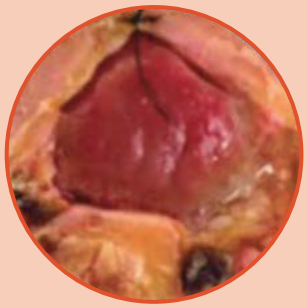
STROMAL

Possible Applications for Amniotic Membranes

(Please see Instruction for Use for more details)



NON-HEALING WOUNDS



WOUND COVER

- Certain placental allografts attempt to utilize acellular, minimally manipulated tissues intended for homologous use to supplement patients' own tissues.
- Placental membranes may create an environment that includes growth factors to support wound protection.

Amniotic Membrane/Barrier

Human-derived barrier

Preservation of endogenous growth factors[1]

- Shelf-stable, amniotic allograft
- 4-year shelf-life, stored at room temperature
- Usable as a protective barrier in wound care applications
- Intended for homologous use only to supplement patients' own tissue

Ordering Information

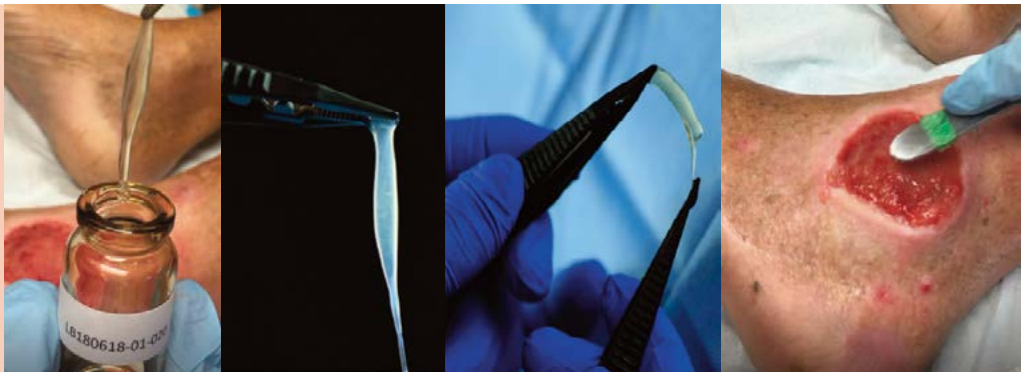
SKU	Product Description	Size	Units	HCPCS	UPC
XCELL-0202	XCELLERATE™ Lyophilized Amniotic Membrane	2x2cm	4	Q4234	860004706533
XCELL-0204	XCELLERATE™ Lyophilized Amniotic Membrane	2x4cm	8	Q4234	860004706540
XCELL-0404	XCELLERATE™ Lyophilized Amniotic Membrane	4x4cm	16	Q4234	860004706557
XCELL-0407	XCELLERATE™ Lyophilized Amniotic Membrane	4x7cm	28	Q4234	860004706564

1. Barrientos, S., et al. Growth factors and cytokines in wound healing. Wound Repair and Regeneration. 16: 585-601, 2008.

Procenta®

PLACENTAL-DERIVED ALLOGRAFT

Procenta® is an acellular placental-derived graft made from soft connective tissue that is hydrophilic, sterile and requires no re-hydration or orientation.



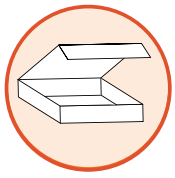
Procenta's Features

- Provides a conformable, adherent scaffold that may be used in wound care applications
- Protects application area from surrounding environment
- Retains fluid in application area

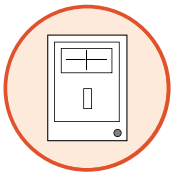
Tissue Characteristics

- Procenta® is an acellular, highly hydrophilic, structural extracellular matrix derived from placental connective tissue.
- Structural, human tissue allograft (FDA/TRG recommendation letter received).
- Comprised of extracellular matrix scaffold that serves as a cover, to offer protection from the surrounding environment, and to retain fluid.
- Allograft produced from donated human placental tissue. Intended for homologous use to supplement or replace damaged or inadequate connective tissue.
- Stored at ambient temperature, ready for application in a sterile vial.
- Terminally sterilized with a 4 year shelf life.

Product Packaging & Content



Outer Box that contains sterile packaged Procenta® vial.

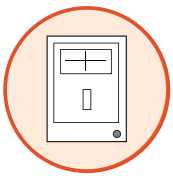


Vial is packaged in a single pouch.

Allograft Tracking Card that must be completed and returned to Extremity Care.

Allograft Return Card must be completed and sent back to Extremity Care in case product is returned.

Product Application



Open product package & remove the Tyvek peel pouch containing the vial.

Using aseptic technique, peel open the Tyvek peel pouch and present sterile vial onto sterile field.

Open the vial and apply product as needed.

Ambient Storage **Directly Applied** **4-Year Shelf Life**

Ordering Information

SKU	Product Description	Size	HCPCS	UPC
PC100	Procenta™ Placental-Derived Allograft	100mg	Q4310	382567001752
PC200	Procenta™ Placental-Derived Allograft	200mg	Q4310	382567001769
PC300	Procenta™ Placental-Derived Allograft	300mg	Q4310	382567001776
PC400	Procenta™ Placental-Derived Allograft	400mg	Q4310	382567001783

Tissue Processing

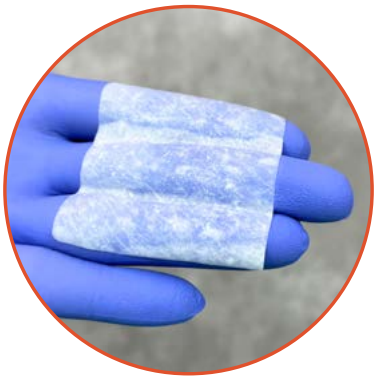
- The manufacturing of Procenta® Tissue-based Allograft does not involve the combination of the placental tissue with another article, except for preservation media.
- After minimally manipulated processing, Procenta® is terminally sterilized using E-beam irradiation to ensure recipient safety.
- The Procenta® Allograft manufacturer is Lucina BioSciences, LLC. A proprietary, minimally manipulative manufacturing process (Nativus) ensures the original relevant characteristics of the tissue are retained.
- The tissue bank is registered with the Food and Drug Administration (FDA).

RESOLVE MATRIX™

EXTRACELLULAR MATRIX FOR THE MANAGEMENT OF WOUNDS

Harnessing the Body's Power to Heal

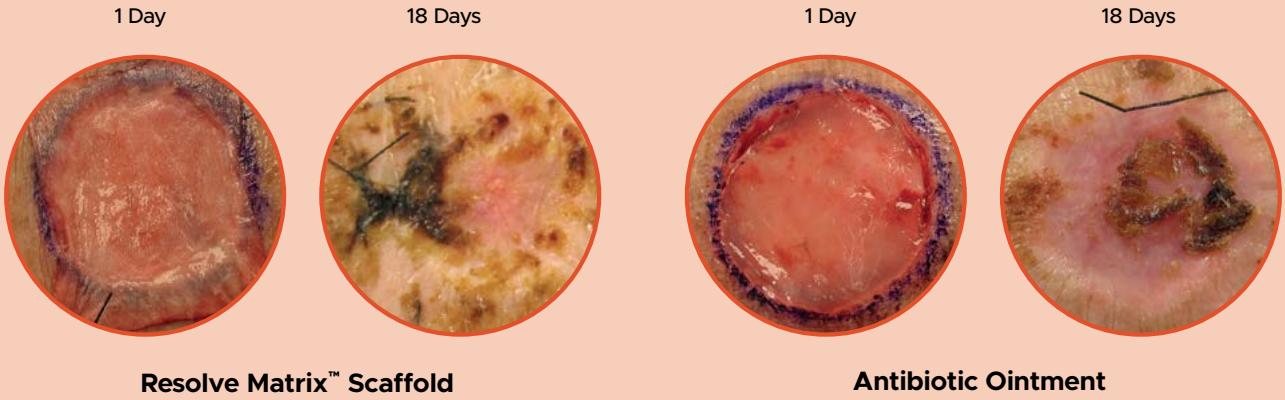
Resolve Matrix™ is a thin, flexible, yet strong acellular wound dressing designed to support the body's repair process during wound healing. It is uniquely derived from porcine peritoneum membrane and processed using the Optrix™ tissue cleansing methodology, which is optimized to remove antigens while preserving desirable tissue scaffold properties and components. Both its source material and unique cleansing process, provide a combination of highly desirable attributes that are appreciated during its clinical application and supporting role in the healing of wounds.



FEATURES	BENEFITS
Derived from porcine peritoneum membrane • Targeted for its thickness and desirable properties in the management of wounds • Thinner than many dermal derived scaffolds, yet thicker than single layer amniotic or small intestine submucosa (SIS)	• A thin, flexible, yet strong biologic collagen matrix that's suturable, with good handling properties that aid its application [1] • Highly conformable to the wound bed, allowing for good contact during the healing process [2]
Optrix™ Tissue Process, designed to: • Remove antigens (DNA, epitopes) • Maintain native structures including the natural tissue porosity • Maintain high levels of extracellular components	• Preserves natural components such as growth factors, proteins, proteoglycans and glycosaminoglycans [3] • Provides an environment for cellular infiltration and migration [2] • Scaffold is not crosslinked
Terminally sterilized • 10^{-6} Sterility Assurance Level (SAL)	• Terminal sterility means that there is a 1 in 1,000,000 probability that any bacteria or viable microorganisms survived the sterilization process.
Non-human derived biologic tissue matrix	• Convenience: Unlike Allografts, Xenografts are regulated as a medical device and not a tissue, and thus do not require special handling or refrigerated storage.
Ready-to-use	• Convenience: room temperature storage with a three-year shelf life from time of sterilization • May be applied dry, or hydrated in sterile saline or autologous body fluids [4]

Efficacy in Wound Management

Results from 22-day porcine wound pilot study

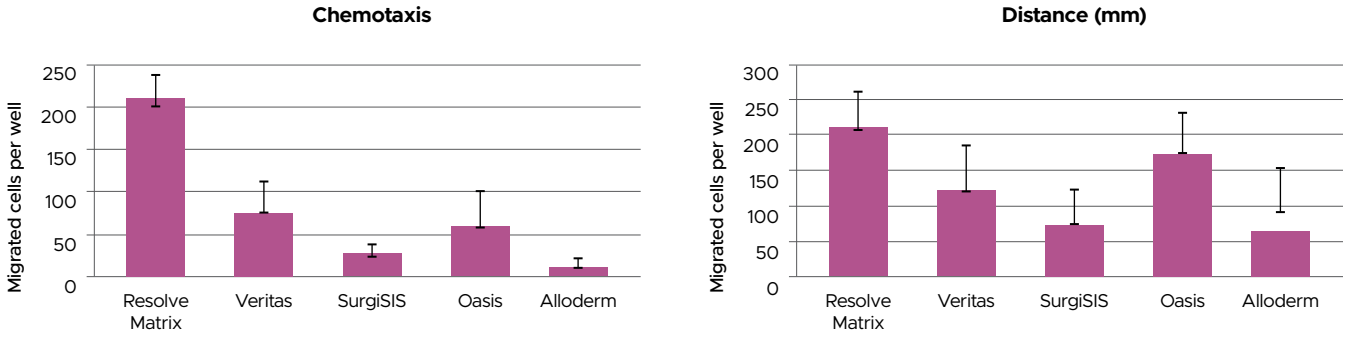


When compared to empty defect, full thickness defects treated with Resolve Matrix™ showed improvement over untreated control.[2]

- Reduced fibrosis (Days 4 & 8)
- Increased angiogenesis (Day 4)

Note: Data may not be indicative of clinical results. Study was not conducted within GLP requirements.

Resolve Matrix™ is cell friendly[5]



In-Vitro studies with fibroblasts and conditioned media show Resolve Matrix™ allows for cellular migration.[5]

Resolve Matrix™ is a trademark of Parametrics Medical.
OPTRIX™ is a trademark of DSM Biomedical, Inc. or its affiliates.

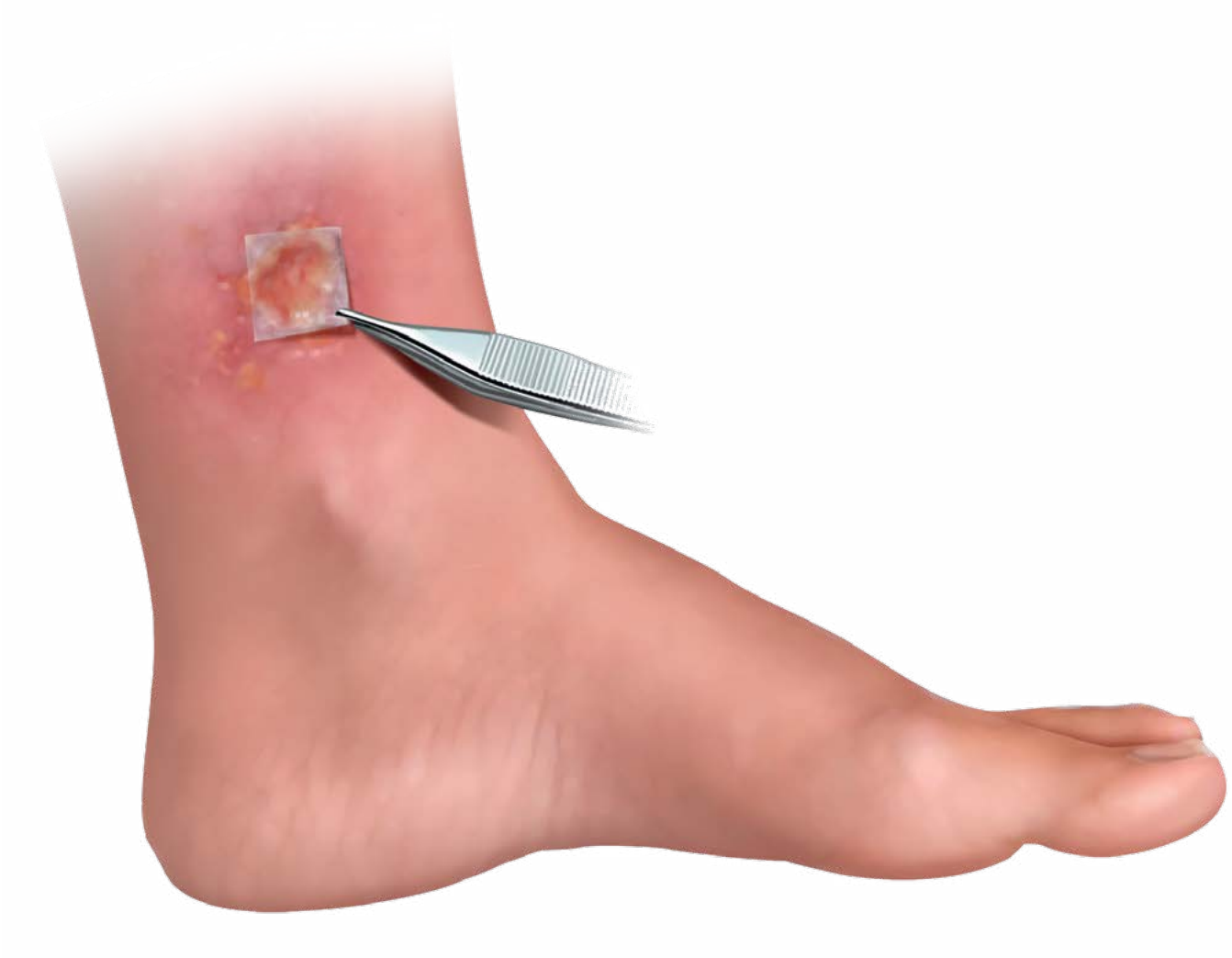
1. ETF-03525 Data on File at DSM Biomedical, Inc. The effect of these components on the performance of Resolve Matrix™ has not been clinically evaluated.
2. Data on file at DSM Biomedical, Inc. Pilot study in pigs. Full thickness wound with n=16 test and 8 empty defect sites tested for up to 22 days. Study was not conducted within GLP requirements.
3. Hoganson, David M., Gwen E. Owens, Elisabeth M. O'Doherty, Chris M. Bowley, Scott M. Goldman, Dina O. Harilal, Craig M. Neville, Russell T. Kronengold, and Joseph P. Vacanti. «Preserved Extracellular Matrix Components and Retained Biological Activity in Decellularized Porcine Mesothelium.» Biomaterials 31.27 (2010): 6934-940. - The effect of these components on the performance of Resolve Matrix™ has not been clinically evaluated
4. ETF-03307 on file at DSM Biomedical, Inc. - The effect of these components on Resolve Matrix™ has not been clinically evaluated.
5. Luo, Xiao ; Kulig, Katherine M. ; Finkelstein, Eric B. et al. / In vitro evaluation of decellularized ECM-derived surgical scaffold biomaterials. In: Journal of Biomedical Materials Research - Part B Applied Biomaterials. 2017 ; Vol. 105, No. 3. pp. 585-593.

RESOLVE MATRIX™

EXTRACELLULAR MATRIX FOR THE MANAGEMENT OF WOUNDS

Ordering Information

SKU	Product Description	Size	Units	HCPCS	UPC
RMAD22	Resolve Matrix™ Biologic Membrane	2x2cm	4	A2024	382567000953
RMAD23	Resolve Matrix™ Biologic Membrane	2x3cm	6	A2024	382567000960
RMAD24	Resolve Matrix™ Biologic Membrane	2x4cm	8	A2024	382567000977
RMAD3535	Resolve Matrix™ Biologic Membrane	3.5x3.5cm	12.25	A2024	382567000984
RMAD45	Resolve Matrix™ Biologic Membrane	4x5cm	20	A2024	382567000991
RMAD55	Resolve Matrix™ Biologic Membrane	5x5cm	25	A2024	382567001004
RMAD68	Resolve Matrix™ Biologic Membrane	6x8cm	48	A2024	382567001011

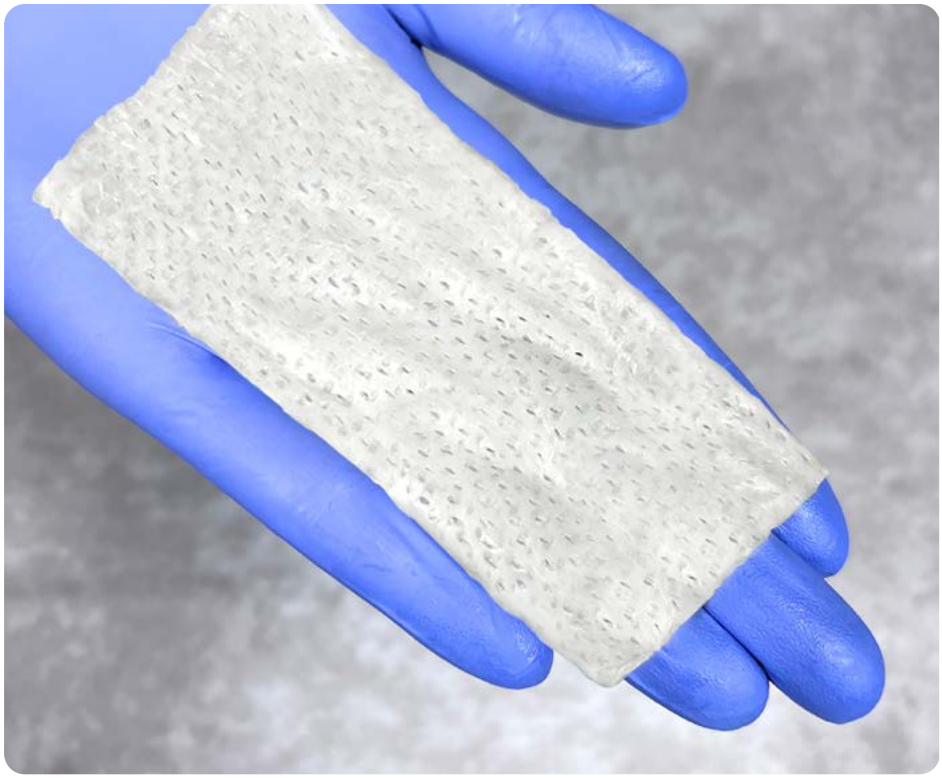


Coll-e-Derm™

HYDRATED ACELLULAR DERMAL MATRIX

What is Coll-e-Derm?

Coll-e-Derm is a prehydrated human acellular dermal matrix that retains angiogenin and collagen type IV. Angiogenin and collagen type IV may play a key role in supporting revascularization.[1]



What Advantages Does Coll-e-Derm Offer?

Using a proprietary, patented and gentle process, a sterility assurance level (SAL) of 10^{-6} is achieved, while retaining angiogenin and collagen type IV of native dermis.[1]

By preserving a more intact matrix, Coll-e-Derm maintains similar biomechanics to native dermis.[1]

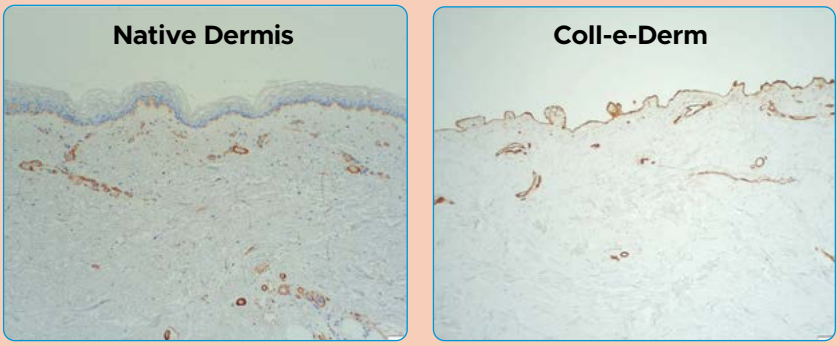
Features[1,2]	Advantages[1,2]
Proprietary and patented gentle processing	Retains angiogenin and collagen type IV
Intact Matrix	Revascularization
Pre-hydrated	Ready-to-use
Sterility Assurance Level (SAL) 10^{-6}	Favorable safety profile

1. Testing performed by independent laboratory. Data on file, Berkeley Biologics, LLC. Animal and bench testing results may not necessarily be indicative of clinical performance.
2. Coll-e-Derm Hydrated Instructions for Use. Coll-e-Derm Hydrated is to be used for the repair or replacement of damaged or insufficient integumental tissue or for other homologous uses of human integument.

Coll-e-Derm is proven to retain angiogenin and collagen type IV[1]

Coll-e-Derm maintains structural integrity, mechanical strength, and collagen stability similar to native dermis.[1]

Figure 1. The brown staining identifies collagen type IV, which is present in the basement membrane at the epidermis-dermis junction and around blood vessels. Collagen type IV is known to be involved in pathways that support blood vessel formation such as angiogenesis. Angiogenesis is the physiological process through which new blood vessels form from pre-existing vessels.



Collagen IV staining

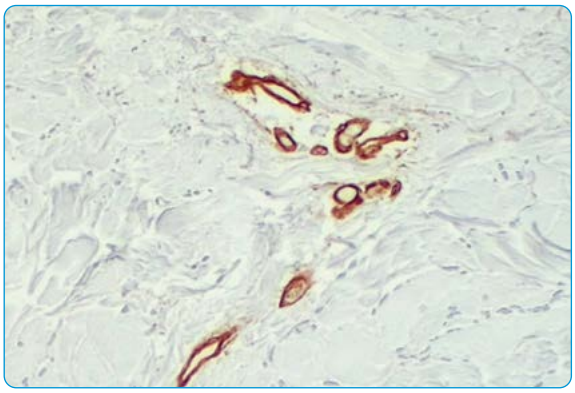
	Mechanical Strength[1]		Collagen Stability[1]	
	Suture retention strength (N/mm)	Onset T^m (^oC)	% Soluble Col (w/w)	% Digested Col (w/w)
Native	61.0 ± 4.1	64.2 ± 0.2	47.6 ± 1.3	21.9
Coll-e-Derm	61.1 ± 12.2	61.3 ± 0.9	62.6 ± 1.2	26.7

Figure 2.

- Onset Tm: Temperature where a substance starts to melt
- % Soluble Collagen (w/w): Percentage of collagen fiber that can be dissolved in acid
- % Digested Collagen (w/w): Percentage of collagen fiber that is unraveled (in this case by collagenase type I)

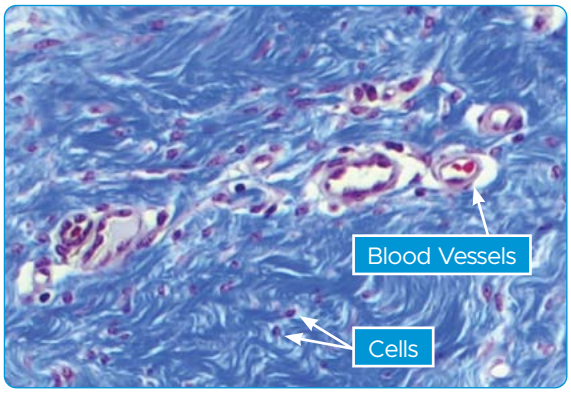
Tissue Integration

Coll-e-Derm demonstrated robust tissue regeneration at 12 weeks[1]



Type IV Collagen

Figure 4. The brown staining identifies collagen type IV. Coll-e-Derm preserves the basement complex (BMC) of blood vessels pre-implantation that allows angiogenesis. Angiogenesis is the physiological process through which new blood vessels form from pre-existing vessels.



Masson's Trichrome

Figure 4. Masson's Trichrome staining shows robust tissue regeneration is evident for Coll-e-Derm at 12 weeks with new collagen formation, revascularization, and host cell repopulation.[1]

1. Testing performed by independent laboratory. Data on file, Berkeley Biologics, LLC. Animal and bench testing results may not necessarily be indicative of clinical performance.

Robust Remodeling

Coll-e-Derm prehydrated Acellular Dermal Matrix (ADM) maintains structural attributes of native dermis that may facilitate remodeling.[1]

Similar to native dermis, Coll-e-Derm retains intact collagen, elastin, and vascular structure that may provide a robust platform for allograft integration.[1]

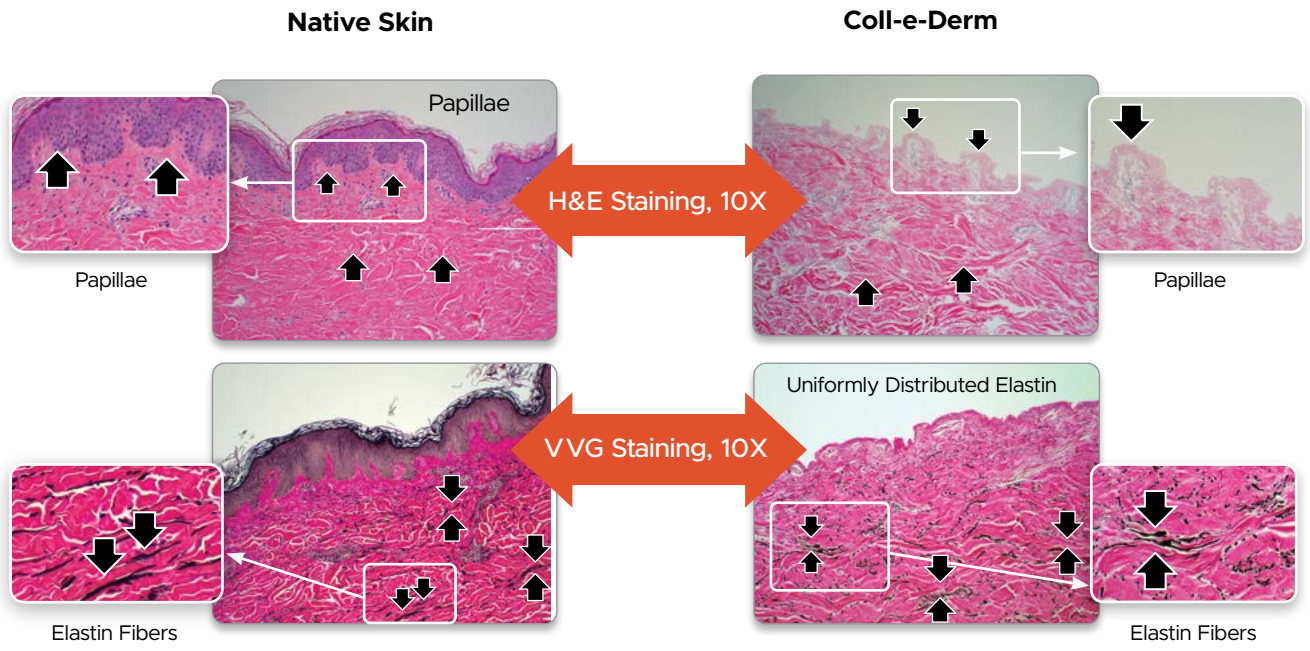


Figure 3. ADM is structurally similar to native dermis.

- Hematoxylin and eosin (H&E) staining shows cellular and tissue structure detail.
- Verhoeff-Van Gieson (VVG) staining differentiates collagen and other connective tissues, and highlights elastin fibers.

1. Testing performed by independent laboratory. Data on file, Berkeley Biologics, LLC. Animal and bench testing results may not necessarily be indicative of clinical performance.

- Intact extracellular matrix[1]
- Retains angiogenin and collagen type IV[1]
- Collagen stability[1]
- Revascularization[1]
- Biomechanical properties similar to native dermis[1]

Coll-e-Derm is treated with a proprietary, patented and gentle decellularization process which retains structural integrity, mechanical strength, and collagen stability similar to native dermis. Coll-e-Derm retains angiogenin and collagen type IV that may play a role in supporting revascularization.

1. Testing performed by independent laboratory. Data on file, Berkeley Biologics, LLC. Animal and bench testing results may not necessarily be indicative of clinical performance.
2. Coll-e-Derm Hydrated Instructions for Use. Coll-e-Derm Hydrated is to be used for the repair or replacement of damaged or insufficient integumental tissue or for other homologous uses of human integument.

Coll-e-Derm™

HYDRATED ACELLULAR DERMAL MATRIX

Ordering Information

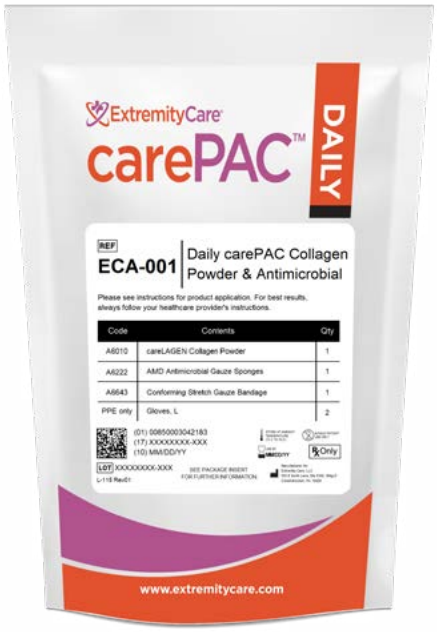
SKU	Product Description	Size	Units	HCPCS	UPC
ADT22-M	Coll-e-Derm™ Acellular Dermal Matrix, Meshed	2x2cm	4	Q4193	382567001332
ADT23-M	Coll-e-Derm™ Acellular Dermal Matrix, Meshed	2x3cm	6	Q4193	382567001233
ADT24-M	Coll-e-Derm™ Acellular Dermal Matrix, Meshed	2x4cm	8	Q4193	382567001349
ADT44-M	Coll-e-Derm™ Acellular Dermal Matrix, Meshed	4x4cm	16	Q4193	382567001356
ADT46-M	Coll-e-Derm™ Acellular Dermal Matrix, Meshed	4x6cm	24	Q4193	382567001363
ADT48-M	Coll-e-Derm™ Acellular Dermal Matrix, Meshed	4x8cm	32	Q4193	382567001370

carePAC™ PRE-CONFIGURED SEALED POUCH CONTAINING STERILE WOUND MANAGEMENT PRODUCTS

Indication Driven Care

carePAC™ are pre-configured pouches that contain indication-relevant wound care components for surgically created wounds. The sealed pouches allow healthcare providers to prescribe their patients the necessary combination of primary and secondary dressings for daily dressing changes. carePAC™ has 3 primary categories allowing for streamlined care and product selection to improve wound care management. carePAC™ is delivered directly to the patient's permanent address in quantities that are predetermined by the patient's healthcare provider.

The carePAC™ is a pre-configured, physician-prescribed, sealed pouch that contains indication-relevant, sterile wound management products.



carePAC™ Options:

- Collagen Powder
- Collagen Matrix 2"x2"
- Collagen Matrix 7"x7"
- Collagen Powder with Antimicrobial Dressing

The carePAC™

- Prescribed by physicians for wounds where continuous wound coverage is medically necessary*.
- Contains everything the patient or caregiver needs to perform proper dressing changes at home.
- Different carePAC configurations contain a variety of primary, secondary and supportive dressing options based on individual wound needs.

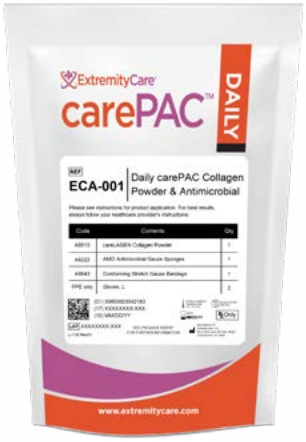
Indications for Use**

- Diabetic, Pressure and Stasis Ulcers
- Post-Surgical Wounds
- Donor Sites, Burns
- Lacerations and Abrasions
- Available in a 15 or 30-day supply.

* Please see Extremity Care™ Guidance Document for DME billing recommendations of the carePAC™.

** Not all dressings are indicated for all indications shown. Please review IFU carefully for more details.

carePAC™ PRE-CONFIGURED SEALED POUCH CONTAINING STERILE WOUND MANAGEMENT PRODUCTS



Collagen Powder with Antimicrobial Dressing

ECA-030 (30 day supply)

Primary Dressing: careLAGEN™ Powder

- Collagen powder wound-filler dressing contains 1g of bovine collagen particles for the management of exuding wounds.
- The dressing is intended for single use only and works by providing collagen to the wound bed to attract cellular components necessary to stimulate the healing process.
- The collagen particles are applied topically and designed to come in contact with wound drainage to help maintain a moist wound bed and to aid in the formation of granulation tissue and epithelialization.

Secondary Dressing: Antimicrobial Gauze Sponge

- Antimicrobial gauze sponges are impregnated with pHMD (polyhexamethylene biguanide), a powerful, yet safe antiseptic that has a broad range of effectiveness against gram positive and gram negative microorganisms including some multidrug resistant strains such as MRSA.
- Resists bacterial colonization within the dressing and reduces bacterial penetration through the dressing.

Conforming Stretch Gauze Bandages

- Sterile stretch gauze bandages are included in order to secure primary and secondary dressing. These wraps offer a gentle compression and form a protective layer over the Dressings.

ORDER CODE:

ECA-030

Collagens

- Create suitable environment for wound healing.
- Dual MMP inhibition to help initiate healing in stalled/chronic wounds and encourage granulation.
- Non-adherent characteristics minimize irritation and trauma when performing dressing changes.

Secondary dressings necessary.

Indications for Use

- Abrasions
- Dehisced surgical wounds
- Donor and graft sites
- First and second-degree burns
- Pressure, diabetic, venous ulcers
- Ulcers caused by mixed vascular etiologies

Reimbursement

DRESSING	HCPCS CODE
Primary	A6010
Secondary	A6222
Bandages	A6446
PPE	A4927

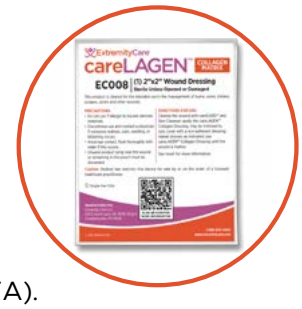
Personal Protective Equipment

- One pair of Nitrile Gloves are included in every single carePAC™.

carePAC™ PRE-CONFIGURED SEALED POUCH CONTAINING STERILE WOUND MANAGEMENT PRODUCTS

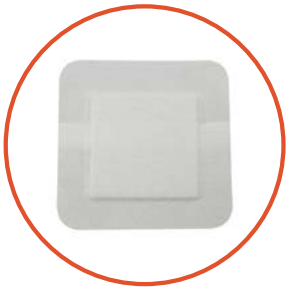
Collagen Dressing 2”x2”

ECD-030 (30 day supply)



Primary Dressing: careLAGEN™ Matrix 2”x2”

- Made of collagen, sodium alginate, carboxyl methylcellulose and ethylenediamine-tetra-acetic acid (EDTA).
- Transforms into a soft gel sheet when in contact with wound exudates.
- Maintains a moist wound environment and creates ideal conditions for healing. May be trimmed and layered for management of deep wounds.



Secondary Dressing: careGARD™ 4”x4”

- Absorptive dressing consisting of three layers: low adherent layer protects the wound surface, absorbent gauze layer absorbs exudate, and a non-woven adhesive tape that holds the dressing in place.
- Maintains a moist wound environment. Soft and flexible. Easily conforms to wound sites that are difficult to dress. Gentle on skin.
- Ideal for daily use as a secondary or supportive dressing.

Conforming Stretch Gauze Bandages

- Sterile stretch gauze bandages are included in order to secure primary and secondary dressing. These wraps offer a gentle compression and form a protective layer over the Dressings.

ORDER CODE:

ECD-030

Collagens

- Create suitable environment for wound healing.
- Dual MMP inhibition to help initiate healing in stalled/chronic wounds and encourage granulation.
- Non-adherent characteristics aid in performing dressing changes.

Secondary dressings necessary.

Indications for Use

- Abrasions
- Dehisced surgical wounds
- Donor and graft sites
- First and second-degree burns
- Pressure, diabetic, venous ulcers
- Ulcers caused by mixed vascular etiologies

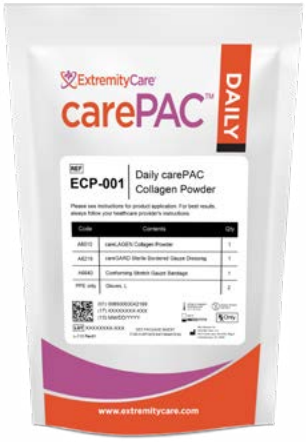
Reimbursement

DRESSING	HCPCS CODE
Primary	A6021
Secondary	A6219
Bandages	A6446
PPE	A4927

Personal Protective Equipment

- One pair of Nitrile Gloves are included in every single carePAC™.

carePAC™ PRE-CONFIGURED SEALED POUCH CONTAINING STERILE WOUND MANAGEMENT PRODUCTS

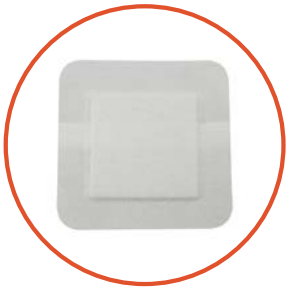


Collagen Powder

ECP-030 (30 day supply)

Primary Dressing: careLAGEN™ Powder

- Collagen Powder wound-filler dressing contains 1 g of bovine collagen particles for the management of exuding wounds.
- The dressing is intended for single use only and works by providing collagen to the wound bed to attract cellular components necessary to stimulate the healing process.
- The collagen particles are applied topically and designed to come in contact with wound drainage to help maintain a moist wound bed and to aid in the formation of granulation tissue and epithelialization.



Secondary Dressing: careGARD™ 4"x4"

- Absorptive dressing consisting of three layers: low adherent layer protects the wound surface, absorbent gauze layer absorbs exudate, and a non-woven adhesive tape that holds the dressing in place.
- Maintains a moist wound environment. Soft and flexible. Easily conforms to wound sites that are difficult to dress. Gentle on skin.
- Ideal for daily use as a secondary or supportive dressing.

ORDER CODE:

ECP-030

Collagens

- Create suitable environment for wound healing.
- Dual MMP inhibition to help initiate healing in stalled/chronic wounds and encourage granulation.
- Non-adherent characteristics aid in performing dressing changes.

Secondary dressings necessary.

Indications for Use

- Abrasions
- Dehisced surgical wounds
- Donor and graft sites
- First and second-degree burns
- Pressure, diabetic, venous ulcers
- Ulcers caused by mixed vascular etiologies

Reimbursement

DRESSING	HCPCS CODE
Primary	A6010
Secondary	A6219
Bandages	A6446
PPE	A4927

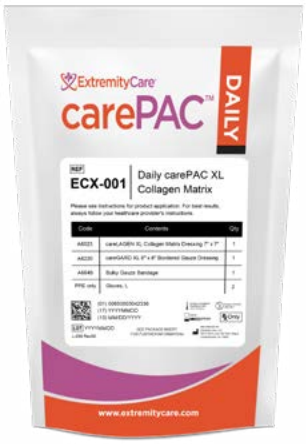
Conforming Stretch Gauze Bandages

- Sterile stretch gauze bandages are included in order to secure primary and secondary dressing. These wraps offer a gentle compression and form a protective layer over the Dressings.

Personal Protective Equipment

- One pair of Nitrile Gloves are included in every single carePAC™.

carePAC™ PRE-CONFIGURED SEALED POUCH CONTAINING STERILE WOUND MANAGEMENT PRODUCTS

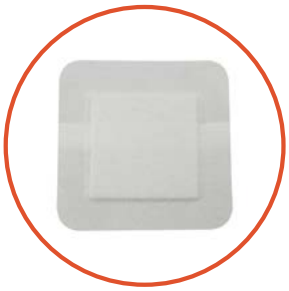


Collagen Dressing 7”x7”

ECX-015 (15 day supply)

Primary Dressing: careLAGEN™ Matrix 7”x7”

- Made of collagen, sodium alginate, carboxyl methylcellulose and ethylenediamine-tetraacetic acid (EDTA).
- Transforms into a soft gel sheet when in contact with wound exudates.
- Maintains a moist wound environment and creates ideal conditions for healing. May be trimmed and layered for management of deep wounds.



Secondary Dressing: careGARD™ 6”x8”

- Absorptive dressing consisting of three layers: low adherent layer protects the wound surface, absorbent gauze layer absorbs exudate, and a non-woven adhesive tape that holds the dressing in place.
- Maintains a moist wound environment. Soft and flexible. Easily conforms to wound sites that are difficult to dress. Gentle on skin.
- Ideal for daily use as a secondary or supportive dressing.

ORDER CODE:

ECX-015

Collagens

- Create suitable environment for wound healing.
- Dual MMP inhibition to help initiate healing in stalled/chronic wounds and encourage granulation.
- Non-adherent characteristics aid in performing dressing changes.

Secondary dressings necessary.

Indications for Use

- Abrasions
- Dehisced surgical wounds
- Donor and graft sites
- First and second-degree burns
- Pressure, diabetic, venous ulcers
- Ulcers cause by mixed vascular etiologies

Reimbursement

DRESSING	HCPCS CODE
Primary	A6023
Secondary	A6220
Bandages	A6441
PPE	A4927

Bulky Gauze Bandages

- Sterile secondary dressing for cushioning, bulk and extra conformability to provide improved wound bed protection. These wraps offer a gentle compression and form a protective layer over the Dressings.

Personal Protective Equipment

- One pair of Nitrile Gloves are included in every single carePAC™.

carePAC™ PRE-CONFIGURED SEALED POUCH CONTAINING STERILE WOUND MANAGEMENT PRODUCTS

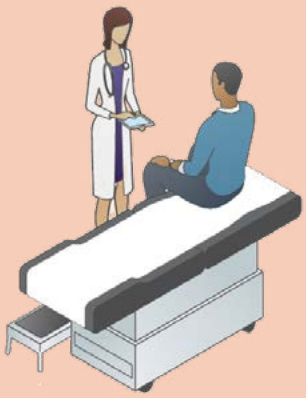
The careBox

The careBOX provides up to 30 carePAC™ pouches and is sent directly to the patient within 36 hours post patient visit.

- Contains up to 30-day carePAC™ supply.
- Shipped to patient's residence directly by Extremity Care™ on behalf of physician.
- Requires patient signature for proof of delivery.

How to prescribe the carePAC™

STEP 1



- Healthcare provider determines that dressing is medically necessary.

STEP 2

- The careBOX is shipped to patient.
- DME Dispensable Wound Care Supply.

careBOX Order Codes

SKU	Product Description	QTY
ECA-030	Collagen Powder with Antimicrobial Dressing	30
ECD-030	Collagen Dressing 2"x2"	30
ECP-030	Collagen Powder	30
ECX-015	Collagen Dressing 7"x7"	15

ParametricsMedical

In partnership with Extremity Care.

800.917.4880 | nst@parametricsmedical.com | 1501 Leander Dr. Ste. 140, Leander, TX 78641 | parametricsmedical.com

DM-252-L-03