Salera™
ALLOGRAFT PLACENTAL MATRIX

Conforming to the Unique Topography of Wounds

mtfbiologics®

Salera™

ALLOGRAFT PLACENTAL MATRIX

Salera™ Mini Membrane is designed to align with your goal of optimizing surgical outcomes and reducing complications in poor healing patients.

Salera™ Mini Membrane is minimally processed and retains the structural properties of the extracellular matrix (ECM). The resulting dehydrated allograft serves as a wound covering.

Biochemical Cues Known to Support Tissue Healing in Surgical Wounds[1-5]

Angiogenic Factors

- New blood vessel formation supports rapid and robust tissue growth

Anti-inflammatory Factors

- Minimize secondary inflammation for organized healing and reduced scar tissue formation.

Antimicrobial Factors

- Reduce bacterial colonization and infection potential

Cell Proliferation and Remodeling

- Increases fibroblast presence leading to reorganization of tissue for healthy repair

Anti-Adhesion

- Balanced fibroblast activity lessens fibrotic tissue formation

Salera™ Mini Membrane Provides the Foundation For Optimal Surgical Outcomes

Comprised of Amnion and Chorion Layers [6-8]

- Provides a protective and physical barrier to infection
- Prevents bacteria infiltration
- Provides matrix proteins
- Promotes tissue epithelization

Aseptic Processing Retains Inherent Components [9-12]

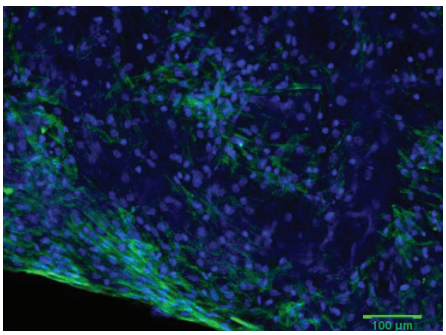
- Contains a suite of biological matrix proteins, cytokines and growth factors that are angiogenic, anti inflammatory and anti microbial
- Supports tissue remodeling
- Maintains and preserves the source tissue's natural flexible structure and function
- Offers direct compatibility to the recipient ECM

Bridging the Communication Gap at the Cellular Level[1, 2, 11]

The Retained Inherent Properties and Matrix Play a Homologous Role

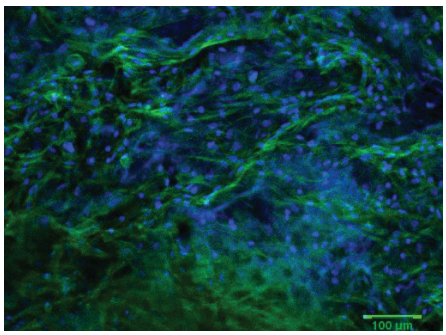
After application of Salera™ Mini Membrane, cells adhere to the matrix and proliferate over time. The cells respond to the preserved biological components and stretch over the cell-friendly matrix. These interactions can facilitate long-term host tissue remodeling.

In conjunction with the body's own natural healing process, bridging has been shown between individual Salera mini membranes via the connection of newly synthesized matrix. This cellular communication is a key element natural wound closure.



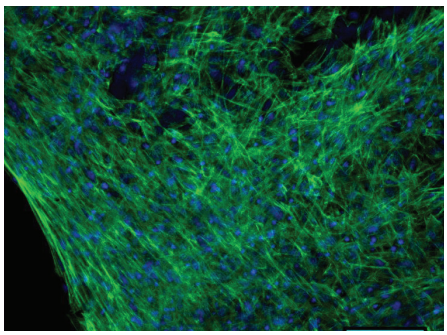
Attachment (Day 3)

As early as day 3, human dermal fibroblasts respond to the native cues present in Salera Mini Membrane. They attach and begin to stretch across the matrix. (Blue indicates cell nuclei; green indicates cell cytoskeleton.)



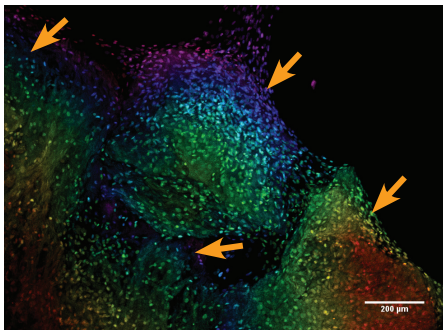
Proliferation (Day 6)

Healthy cell growth is active. The human dermal fibroblasts proliferate, migrate, and stretch across the cell-friendly matrix provided by Salera Mini Membrane.



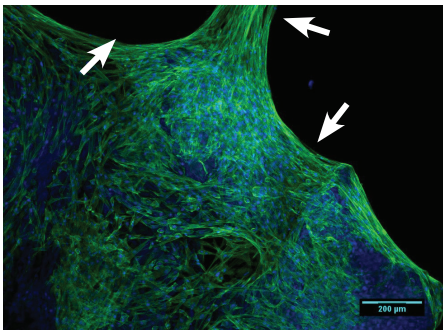
Remodeling (Day 12)

Increased cell-matrix interactions are observed, which support long-term host tissue remodeling. Greater cell stretching and branching is evident over Salera Mini Membrane, indicating functional cellular response to the inherent biological cues present.



Cells infiltrate matrix and between mini membranes

Yellow arrows indicate Salera Mini Membrane. Colors indicate depth of infiltration. (Orange/yellow/green represent superficial layers. Blue/violet/red represent deep layers.)



Deposited new matrix bridges gap between mini membranes

White arrows indicate new matrix generation across Salera Mini Membranes. (Blue indicates cell nuclei and green indicates cell cytoskeleton.)

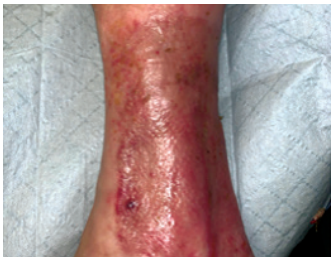
*Please see references on back cover

Salera™ Case: Venous Stasis Ulcer

Venous Stasis Ulcer post debridement

Salera Mini Membrane placed topically over skin graft followed by negative pressure treatment

Day 14- 100% graft take



Healed at 6 weeks with cosmesis typically seen at 1 year with closure of meshed interstices

Case images and information courtesy of Dr. Desvigne. Used by permission.

As with any case study, the results and outcomes should not be interpreted as a guarantee or warranty of similar results. Individual results may vary depending on the patient's circumstances and condition.

MTF Biologics is a Nonprofit Organization Dedicated to Offering the Highest Quality Tissue Solutions, Without Compromise.

Since our founding in 1987, we've been committed to providing quality tissue for a variety of medical purposes. We constantly strive to improve natural healing outcomes by advancing the science of tissue processing through research. Throughout our history, we're honored to have distributed more than 10 million grafts that have been used to save and heal lives.

Ordering and Service Information:

SIZE	DRY COVERAGE (cm)*	RECOMMENDED SALINE FOR REHYDRATION (ml)*	REHYDRATED VOLUME (cc)*	REHYDRATED COVERAGE (cc)*	ORDER NO.	UPC
40 mg	2 x 4	0.2	0.10 - 0.15	1 x 1	**WC3040**	**840045713134**
80 mg	4 x 4	0.4	0.25 - 0.30	1 x 1.5	**WC3080**	**840045713141**
160 mg	4 x 8	0.8	0.30 - 0.35	1.5 x 1.5	**WC3160**	**840045713158**

MTF BIOLOGICS CUSTOMER SERVICE

Orders: mtfop@mtf.org

All other inquiries: mtfcs@mtf.org

1-800-433-6576

MTF BIOLOGICS REIMBURSEMENT SUPPORT

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*MTF Biologics data on file. | 1. Velnar T, et al. 2009 | 2. Teller P, et al. 2009 | 3. Keane T, et al. 2018 | 4. Rippa A, et al. 2019 | 5. Fairbairn N, et al. 2013 | 6. Niknejad H, et al. 2008 | 7. Mamede AC, et al. 2012 | 8. Bryant-Greenwood GD. 1998 | 9. Huang YC, et al. SAWC SPRING 2015. San Antonio, TX | 10. Dasgupta A, et al. SAWC SPRING 2016. Atlanta, GA | 11. Madans A, et al. SAWC FALL 2016. Las Vegas, NV | 12. Dasgupta A, et al. SAWC FALL 2016. Las Vegas, NV

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