Unlocking regenerative healing for everybody

Soft Tissue Matrix

Myriad™

Engineered extracellular matrix for soft tissue repair, reinforcement and complex wounds

• Natural structure and engineered architecture enables rapid cell access
• Myriad™ absorbs blood components and cells to facilitate the tissue building process
• Delivers biology known to support healing
• Delicate processing ensures native tissue structure, biological function and reduced inflammation
• Natural vascular channels facilitate angioconduction
• Versatile soft tissue matrix
• Designed to support surgical mastery
• Endoform® ECM – trusted technology in soft tissue repair
• Simplifies inventory management

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AROA
Soft Tissue Matrix

Natural structure and engineered architecture enables rapid cell access

Endoform’s native porous extracellular matrix provides a biological scaffold known to support cell infiltration and migration.¹

Natural vascular channels support angioconduction.²

Engineered perforations and interstitial spaces facilitate cell access and lateral cell migration.

Myriad™ absorbs blood components and cells to facilitate the tissue building process

Myriad™ immediately absorbs cells, blood and blood components into the matrix to form a reservoir of biologically important cell and cell components to kick-start the tissue repair process.³

Fibroblast, endothelial and immune cells infiltrate the entire matrix, build new tissue and over time Myriad™ is completely replaced by the patient’s own tissue.²

Myriad™ absorbs blood and blood components on placement in the tissue deficit (left). Over time cells (light blue) infiltrate Myriad™ (light blue) (center and right).³
Delivers biology known to support healing

Myriad™ retains the authentic structure and complexity of natural tissue ECM and provides biological cues to aid the repair process.1, 2, 4

Myriad™ contains more than 150 ECM proteins, including collagen and other secondary molecules that exist in tissue and aid the healing process.5

Myriad™ provides more critical ECM proteins to the soft tissue deficit (mg/cm²).6

Delicate processing ensures native tissue structure, biological function and reduced inflammation

Endoform® ECM is prepared using the proprietary ‘Transpose’ process that is optimized to retain the open porous structure of tissue ECM, important ECM components, and reduce inflammatory components.1, 5, 6 Endoform® ECM is not chemically cross-linked.1

Representative H&E images. Arrows indicate residual cells. 25x magnification; scale bar = 100μm.6

Cells per field of view. Errors represent standard error from replicate samples.6
Natural vascular channels facilitate angioconduction

Angioconduction is the structural effect of vascular channels on endothelial cells to support blood vessel development. Studies have shown that when present in a graft material, natural vascular channels lead to a denser and more rapidly forming capillary network. Myriad™ contains an extensive network of vascular channels within the natural Endoform® ECM. The vascular channels provide immediate and specific vascular architecture to support migrating endothelial cells to establish new vasculature and a robust blood supply.

Representative image of vascular channels present in Endoform® ECM following dye perfusion (top left). Vascularization of Endoform® ECM in vivo (bottom left). Average total blood vessels per field of view. ***, p<0.01 (right).

Versatile soft tissue matrix

Myriad™ is suitable for a wide range of plastic and reconstructive surgical procedures where soft tissue requires repair or reinforcement. The structure and biology of Myriad™ may also help healing in patients with impaired or compromised healing due to local or systemic factors.

Allows immediate coverage to exposed bone and tendon and builds granulation tissue

Supports growth of robust well vascularized granulation tissue for successful split thickness skin grafting.
Soft Tissue Matrix

Designed to support surgical mastery

Myriad™ is designed to be easy to customize for a wide range of anatomical sites and individual situations. It is strong, soft, drapable, and conforming. It rehydrates quickly, and is easy to handle, cut, suture or staple. Myriad™ helps to achieve surgical mastery in routine and more challenging repair and reinforcement procedures.

Endoform® ECM – trusted technology in soft tissue repair

Endoform® ECM technology has been in clinical use for over 10 years and over 5 million devices have been used in a range of soft tissue repair procedures, including wounds, abdominal wall repair, plastics and reconstructive surgery.

Endoform® is a leading ECM technology for soft tissue repair.
# Soft Tissue Matrix

## Ordering information

### Myriad™ – Thin (~1.0 mm)

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<th>Stock no.</th>
<th>Product Size (L x W)</th>
<th>Quantity/Box</th>
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<td>5 x 5 cm</td>
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### Myriad™ – Thick (~1.5 mm)

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<td>SR05LG1020US</td>
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<td>1</td>
</tr>
</tbody>
</table>

## Usage:

Read the entire Instructions for Use supplied with the product.

### Implantation

![Implantation Diagram]

### Dermal Repair

![Dermal Repair Diagram]

## Simplifies inventory management

- Dermal repair
- Implantable soft tissue repair
- Complex wounds
- Impaired healing
- Cost savings
- Long shelf life
- No specialized storage requirements
- Flexible SKU range
- Terminally sterilized
- Reduced viral and TSE transmission risk
- Wide cultural and religious acceptance
- No human tissue tracking requirements
- Less than 5 minutes preparation time

## Usage:

- Data on file.