In the treatment of acute wounds

DermaPure® transforms your approach to dermal regeneration.

Add the intact allograft that stimulates complex wounds to revascularization — changing the course of tissue replacement and achieving the goal of angiogenesis with minimal fibrosis.

010200HD 1 cm x 2 cm DermaPure Decellularized Dermal Allograft
020200HD 2 cm x 2 cm DermaPure Decellularized Dermal Allograft
020300HD 2 cm x 3 cm DermaPure Decellularized Dermal Allograft
030400HD 3 cm x 4 cm DermaPure Decellularized Dermal Allograft
040600HD 4 cm x 6 cm DermaPure Decellularized Dermal Allograft

References:

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In the treatment of acute wounds

IDEAL DERMAL REGENERATION STARTS BY ADDING DERMIS
A FRESH TAKE ON DERMAL REGENERATION

In the surgical setting, you need access to skin substitutes that not only help you cover a wound or fill a tissue defect, but also stimulate healing and reduce scarring — efficiently and effectively.

What if you could achieve dermal regeneration by adding dermis? Skin substitutes differ in many ways: tissue source, processing methodologies, patient response — and surgeon use.

Xenografts
Looser matrix* less organized infiltration vessels replaced by fibrotic tissue (scar)
- Many require repeat application
- Requires multiple steps to achieve complete closure
- Crosslinking can inhibit cell migration and vascular regeneration

Allografts
Not all allografts are the same:
- Residual donor DNA can elicit an immunogenic response
- Harsh fixatives can prevent cell migration and proliferation
- Use of high concentration reagents can destroy tissue structure
- Crosslinking can inhibit cell migration and vascular regeneration
- Requires multiple steps to achieve complete closure
- Many require repeat application
- Permits fibroblasts to attach to the scaffold
- Provides intact channels used for revascularization that are present prior to application

Ideal acellular matrix revascularizes tissue effectively by closely approximating the structure and function of the native extracellular matrix (ECM).2

Achieve dermal regeneration with decellularized dermis. Experience the power of DermaPure®.

DERMAPURE® ADDS A CLEAN CANVAS OF NEW DERMIS TO STIMULATE DERMAL REGENERATION

Decellularized dermis achieves effective revascularization, reducing scar formation.3

Other skin substitutes often require complete restructuring of the vascular network, causing a prolonged angiogenic response that can result in increased fibrosis.4

DermaPure is different. It regenerates dermis by:
- Providing intact channels used for revascularization that are present prior to application
- Permits fibroblasts to attach to the scaffold
- Containing the correct extracellular matrix (ECM) components to attract and proliferate endothelial cells

A recent study found that DermaPure offers the highest quantity and quality of vasculature in 7 to 21 days.

Other skin substitutes often require complete restructuring of the vascular network, causing a prolonged angiogenic response that can result in increased fibrosis.

DermaPure showed strong pro-angiogenic response, particularly three to four weeks post injury.1

DermaPure significantly increased angiogenesis and reduced scar formation compared to the control and xenograft.1

EXPERIENCE SINGLE-APPLICATION EASE — AND ADDED CONFIDENCE

DermaPure® goes on and stays on.

- Can be used “off the shelf” and labor fit to any wound
- Requires no thawing, as it is stored at ambient temperature
- Comes hydrated requires only a simple rinse prior to use

DermaPure supports efficient discharge from the surgical suite to lower-level care.5

- Higher level of integration (vessel number and density) continues at 28 days and beyond

DermaPure can be used to complete closure if needed.

- Provides epithelialization over time or can be used in conjunction with Split Thickness Skin Grafts (STSGs)

Processed closely to help you achieve results smoothly
Processed using patented dCELL® Technology, DermaPure is:
- Human-derived dermal allograft
- Minimally manipulated to maintain pristine structure
- 99% DNA free
- Biocompatible while retaining native growth factors, collagen and elastin

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CD31 - Vessel Number

<table>
<thead>
<tr>
<th>Time Point (days)</th>
<th>Control</th>
<th>Integra®</th>
<th>Autograft®</th>
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<td>Day 28</td>
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</tbody>
</table>

* = <0.05

CD31 - Vessel Density / mm³

<table>
<thead>
<tr>
<th>Time Point (days)</th>
<th>Control</th>
<th>Integra®</th>
<th>Autograft®</th>
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<td>0.20</td>
<td>0.22</td>
</tr>
</tbody>
</table>

* = <0.05

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processed using patented dCELL® technology, dermapure is:
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- minimally manipulated to maintain pristine structure
- 99% DNA free
- biocompatible while retaining native growth factors, collagen and elastin

DermaPure: Goes on and stays on, efficiently restores patient tissue to normal form and function with the ease of a single-application.

Processed closely to help you achieve results smoothly
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**EXPERIENCE SINGLE-APPLICATION EASE — AND ADDED CONFIDENCE**

**DermaPure application is streamlined for the acute setting,**

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- Comes hydrated, requires only a simple rinse prior to use

**DermaPure**
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**Processed closely to help you achieve results smoothly.**

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- **99% DNA free**
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**DermaPure: Goes on and stays on.**

**Efficiently restores patient function to normal form and function with the ease of a single application.**
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