Add DermaPure — an intact acellular matrix — before adding cells to stimulate revascularization.

• Provides a stronger foundation from which to achieve the goal of angiogenesis

Center for Medicare & Medicaid Services (CMS) 2016 Hospital Outpatient Prospective Payment System (HOPPS) reimburses DermaPure in the High Cost Skin Substitute Category with a HCPCS code of Q4152.


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TRANSFORM YOUR APPROACH TO HEALING:
SIGNAL THE BODY, NOT THE WOUND

It’s time to signal a new direction in chronic wound treatment.
In the treatment of partial and full-thickness chronic wounds

DermaPure® signals a shift in chronic wound care: A redirection to revascularization

By stimulating the body, not just the wound, DermaPure changes the course of chronic wound care.

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WHY IS THE PATH TO REVASCULARIZATION OFTEN DIFFICULT TO ACHIEVE?

The normal wound healing cycle is dynamic, moving between inflammation, proliferation, and maturation. Chronic wounds, however, get stuck in the inflammation phase and have trouble progressing to proliferation.

Because of this, the ultimate goal of wound care — creating blood vessel growth to enhance circulation to the wound bed — becomes one of the biggest challenges wound care specialists face.

DERMAPURE® REDIRECTS VASCULAR BEHAVIOR TO TRIGGER HEALING

- Signals a bio-normal response to inflammation — not eliminating it, but reducing it
- Stimulates the body to progress through the phases of wound healing naturally, from the start

Inflammation
As a normal response to injury, macrophages and T cells arrive at the site of the wound; MMPs (matrix metalloproteinases) are produced by cells.

Proliferation
A new network of blood vessels develops in the process of angiogenesis. With the help of fibroblasts, epithelialization occurs.

Maturation
Collagen is remodeled. Cellular activity is reduced. Area blood vessels decrease. The wound closes.

Natural Phases of Wound Healing

DERMAPURE® IS PROCESSED TO PRESERVE STRUCTURE AND SIGNAL A BIO-NORMAL RESPONSE

Produced 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

DermaPure replaces the damaged extracellular matrix so living cells can flourish.

- Permits fibroblasts to attach to the scaffold
- Supports angiogenesis with the presence of vascular-like channels
- Contains the correct ECM components to attract and proliferate endothelial cells and fibroblasts

A recent study found that DermaPure application resulted in rapid development of the capillary network and cellular proliferation in just seven days.

The DermaPure intact channels used for revascularization allowed an access point for proliferation of native cells, including endothelial cells and fibroblasts.

Start with the DermaPure intact acellular matrix before adding cells to:

- Provide a strong foundation for angiogenesis

In the inflammation phase, cell-based/growth factor products are often added to push the wound to progression. Though this method of focusing at the wound site works over time, it can noticeably extend the inflammation stage — therefore hindering revascularization.
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Natural Phases of Wound Healing

<table>
<thead>
<tr>
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<th>Description</th>
<th>Example</th>
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<td>Figure 1: Macrophages and T cells entering a wound.</td>
</tr>
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<td>Figure 2: New blood vessels and epithelial cells forming.</td>
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<td>Figure 3: Collagen remodeling and wound closure.</td>
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