

DermACELL[®]

Advanced Decellularized Dermis



The **New** Alternative For Breast Reconstruction



SWAI
Skin and Wound Allograft Institute
A Wholly Owned Subsidiary of LifeNet Health

A New Alternative For Physician

The goal of breast reconstruction after mastectomy is to provide a natural appearance, with as little discomfort as possible. There is no one best reconstruction method for every woman. Instead, each patient's breast reconstruction method will be the one that offers the most advanced technology and results.



The New Alternative

DermACELL® is a decellularized, regenerative human matrix processed using Matracell™ technology. Matracell is a patented and validated process that renders allograft tissue acellular, without compromising the biomechanical or desired biochemical properties of an allograft bio-implant for its intended surgical application. Utilizing a decellularized dermis for reconstruction with an implant is proven to be easier, quicker, and less traumatic than the use of autologous tissue.¹



1. Zienowicz RJ, Karacaoglu E.
Implant-based breast reconstruction with allograft.
Plast Reconstr Surg. 2007 Aug; 120 (2): 373-81.



Cells and \geq 97% DNA Removed	Biocompatible*
Intact Acellular Framework	Retains native growth factors, collagen and elastin**
Room Temperature Storage***	Excellent handling. Minimal prep time (less than 60 sec)
Strength	Pull-out strength and load to failure are comparable to existing allograft products**
Sterile (10^{-6} SAL Sterility Assurance Level)	Increased safety for your patients

* ISO 10993-5

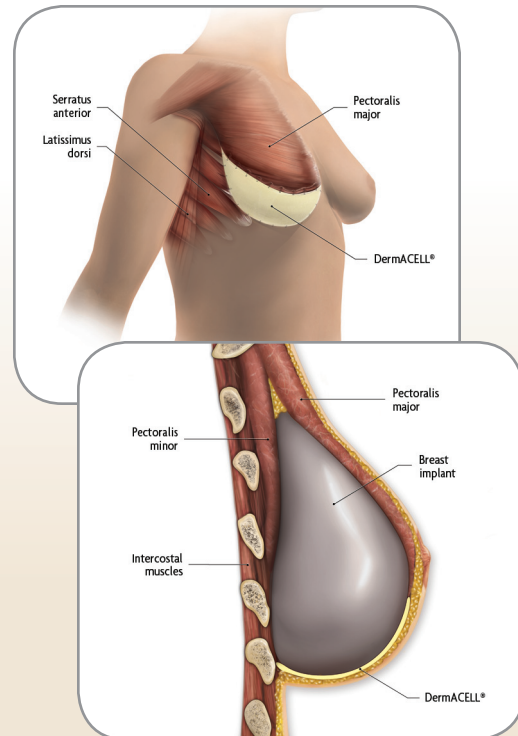
** Data on file at LifeNet Health, Virginia Beach, VA.

*** 15° – 30° C

Breast Reconstruction

Involves the placement of a decellularized dermal matrix (such as DermACELL® Advanced Decellularized Dermis) to supplement a patient's own tissues by providing a hammock-like support for the implant:²

- Holds and supports the prosthesis in place, while defining the contour and shape of the breast
- Creates a biologic interface between mastectomy skin flaps, potentially reducing the risk of any necrosis or infection
- Provides an additional layer of coverage for the implant or expander



2. Spear SL, Mesbahi AN. Implant-based reconstruction. Clin Plast Surg. 2007; 34 (1): 63-73

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Advanced Decellularized Dermis



Reticular



Papillary



Room Temperature***	Order Code	Size
SOFT TISSUE (.75- 1.50 mm)		
DermACELL	DCELL200	4 x 12 cm
DermACELL	DCELL201	6 x 12 cm
DermACELL	DCELL202	4 x 16 cm
DermACELL	DCELL203	5 x 16 cm
DermACELL	DCELL204	6 x 16 cm
SOFT TISSUE (1.25 - 2.00 mm)		
DermACELL	DCELL250	4 x 12 cm
DermACELL	DCELL251	6 x 12 cm
DermACELL	DCELL252	4 x 16 cm
DermACELL	DCELL253	5 x 16 cm
DermACELL	DCELL254	6 x 16 cm

The Skin and Wound Allograft Institute (SWAI) is a wholly owned subsidiary of LifeNet Health.

LifeNet Health helps save lives and restore health for thousands of patients each year. We are the world's most trusted provider of transplant solutions, from organ procurement to new innovations in bio-implant technologies and cellular therapies—a leader in the field of regenerative medicine, while always honoring the donors and healthcare professionals that allow the healing process.

Please contact your LifeNet Health Bio-Implant Specialist for more information about our comprehensive offering of allograft products and services.



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www.AccessLifeNetHealth.org
www.swai.org

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68-40-062 REV.00