

### Wound healing through acellular regeneration

Through a proprietary process, viable cells and cellular elements that are capable of triggering an immunogenic response are removed from donated human dermal tissue, leaving a collagen elastin matrix behind. Upon transplantation (i.e., placement onto a prepared wound bed), the body's own cells infiltrate and repopulate this three-dimensional scaffold to begin the revascularization and remodeling processes.<sup>1</sup>

AlloSkin™ AC is a meshed dermis-only human skin allograft that has been decellularized while preserving biologic components, including growth factors, and structure of the dermal matrix to provide a natural healing environment for wounds. AlloSkin AC is a sterile CTP (Cellular and/or Tissue Product), designed for a single application and ideal for acute and chronic wound therapy in the inpatient or outpatient setting.



#### ALLOSKIN AC FEATURES

- Ready-to-use graft eliminates clinical time needed to thaw a frozen product or to rehydrate a freeze dried product
- Pliable, stretchable tissue allows graft contouring to wound topography, and maintenance of wound bed contact
- Robust enough to suture or staple graft without tearing
- Meshing encourages fluid drainage from wound and allows for bolstering by NPWT
- Allograft tissue supplied exclusively by our partner organ procurement organizations (OPOs), located domestically

#### CLINICAL BENEFITS OF ACELLULAR DERMAL MATRICES FOR WOUNDS<sup>2</sup>

- Provides a favorable microenvironment for bio-ingrowth, resulting in rapid revascularization and cellular repopulation
- Provides a scaffold onto which the body can rebuild dermal tissue, often making a single application sufficient for healing

#### CLINICAL BENEFITS OF IRRADIATED SKIN GRAFTS FOR WOUNDS<sup>3</sup>

- Decreases amount of fluid and protein loss and bacterial burden
- Provides decrease in patient pain

1. Eppley BL. Experimental assessment of the revascularization of acellular human dermis for soft-tissue augmentation. *Plast Reconstr Surg* 2001; 107: 757-62.  
 2. Reyzelman, A, et al. Clinical effectiveness of an acellular dermal regenerative tissue matrix compared to standard wound management in healing diabetic foot ulcers: a prospective, randomized, multicenter study. *Int Wound J* 2009; 6: 196-208.  
 3. Rosales MA, Bruntz M, Armstrong DG. Gamma-irradiated human skin allograft: a potential treatment modality for lower extremity ulcers. *Int Wound J* 2004;1:201-206.

# AlloSkin™ AC

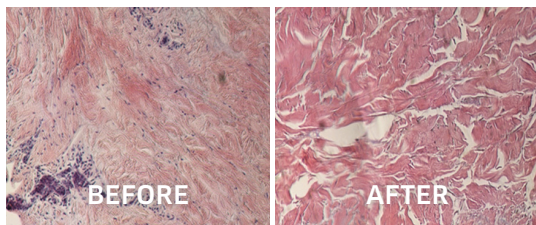
Off-the-shelf convenience  
in regenerative technology

## AlloSkin™ AC

MESHED	LENGTH	WIDTH	AREA	AMBIENT
1:1	4 cm	4 cm	16 cm <sup>2</sup>	5116-61030
1:1	4 cm	8 cm	32 cm <sup>2</sup>	5132-61030

### THOROUGH DECELLULARIZATION

AlloSkin AC utilizes the same dynamic tissue cleansing process that is used for AlloMend® ADM, without the use of detergents or enzymes. The result is thorough decellurization for biocompatibility, without harmful residues in the tissue or degraded extracellular matrix.



Noticeable large number of well-defined cell nuclei (purple)

Absence of identifiable defined nuclei; no viable cells present

H&E (hematoxylin and eosin) stain review of "before and after" decellurization process.

### INDICATIONS

AlloSkin AC can be used on any skin defect and is appropriate for use in traumatic and chronic wounds, including those where substructures like bone, ligament, nerve or muscle are exposed.

### SHELF LIFE

2 years, room temperature storage.

### HANDLING CHARACTERISTICS

The thick, pliable characteristics of AlloSkin AC grafts are preferred by many clinicians to the brittle and easily-damaged handling of bioengineered skin substitutes. Combined with no-thaw convenience, wounds can be treated efficiently for both in-patient and out-patient settings.

### HCPCS CODING

Q4141 AlloSkin AC, 1 square cm. Verify directly with payer to confirm Q-code payment level.

### TISSUE PROCESSING

Extensive serological and microbiological testing. Aseptically processed to precise standards. Packaged in sterile water between two non-woven protective gauze pads, one of which can be used as a carrier for precision application. Terminally sterilized to 10<sup>-6</sup> sterility assurance level (SAL) by e-beam technology.

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At AlloSource, we recognize the complexity of delivering value-based healthcare and strive to deliver affordable, effective allografts while providing exceptional customer support. Our high quality, innovative products are used in spine, sports medicine, general orthopedics, reconstructive surgery, trauma and wound care.

Doing More With Life isn't just another mantra. It is our commitment. Our purpose is to honor the donor's wishes by advancing healing to help patients lead more active lives. With the guidance of our leadership and advisory board of healthcare partners, AlloSource develops innovations that progress healing by bridging the proven science of tissue allografts with advanced cellular technologies.

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