

Debridement & Synthetic Advanced Wound Care Solutions



SPARTAN
MEDICAL



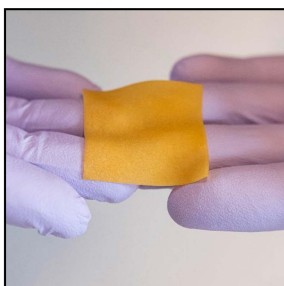
XSONX® Wound Hygiene System: A cordless, hand-held device with micro-vibrational technology to powerfully clean and debride chronic wounds

- Quickly and reliably removes slough and biofilm to improve the wound healing trajectory
- Simple and [easy-to-use](#) for precise and uniform debridement
- Powerful vibrations reduce the pain of debridement due to vibratory analgesia (>300 micro-vibrations per second)*
- Higher safety margin compared to a scalpel/curette, and less damage to healthy tissue
- Provides superior wound bed preparation prior to tissue grafting
- Reusable handpiece; ~3 hours of continuous use (~50-70 debridements) using 2 AAA batteries



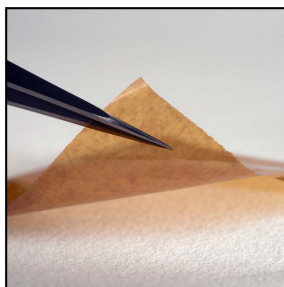
XSCRUB® Wound Cleansing Pad: A simple, single-use wound cleansing pad to effectively clean and debride chronic wounds

- Porous design helps gently trap and remove cellular debris and bioburden
- Contoured edges help catch and trap larger debris
- Less pain for the patient, which can improve compliance
- A low-risk solution used by a wide range of health care professionals
- Simple application with immediate results



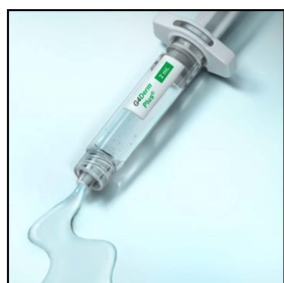
APIS® Synthetic Wound Matrix: An advanced bioengineered wound care product made with purified gelatin, Manuka honey, and hydroxyapatite nanoparticles (see [physician testimonial](#))

- 2x faster wound closure rates than the standard of care, even in stalled, chronic wounds*
- Lower pain scores in surgical wounds reported by patients*
- Powerful microenvironment support; inhibits gram-positive and negative bacterial growth*
- Highly conformable sheet; maximizing contact within the wound bed
- Shelf stable at room temperature; available in small sizes (1.6x1.6cm, 2.5x2.5cm, 5x5cm)
- 510(k) cleared synthetic wound matrix indicated for acute and chronic wounds



Microlyte® Antimicrobial Wound Matrix: A synthetic, antimicrobial, and biocompatible skin substitute that can be used as an alternative to allografts, xenografts, and collagen products

- Non-toxic; antimicrobial benefit 99.99% effective (1ppm silver nanoparticles)*
- Can be used at the onset of wound treatment or in surgery
- [Contours](#) to the micro-texture of the wound bed and helps maintain a moist wound healing environment conducive to cellular growth and granulation
- Shelf stable at room temperature with a 4-year shelf-life
- 510(k) cleared synthetic wound matrix indicated for acute (e.g., surgical), chronic (DFU, VLU, PU), and burn (1st and 2nd degree) wounds



G4Derm™ Plus Flowable Biomimetic Matrix: A synthetic, resorbable, Self-Assembling Peptide (SAP) matrix that creates an optimal healing environment for complex and chronic wounds

- Ready-to-use pre-filled syringe eliminates need for mixing or reconstitution, enabling seamless dispensing into wound bed
- Manages bioburden through antibacterial barrier; resists bacterial colonization and mitigates biofilm reformation*
- Full wound bed coverage, contours to the shape of the wound bed and gradually integrates into host tissue to encourage regrowth and revascularization*
- Shelf stable at room temperature with a two-year shelf life
- 510(k) cleared synthetic wound matrix indicated for complex and chronic wounds



* References and supporting data for Spartan Medical's Advanced Wound Care Solutions can be found at www.spartanmedical.com.

LEARN MORE:

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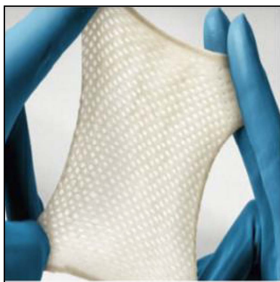


Allograft Tissue

Advanced Wound Care Solutions

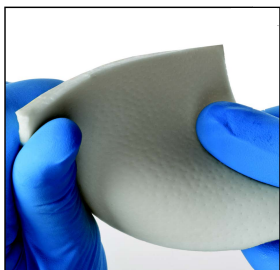


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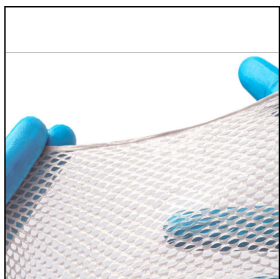
AlloSkin™: Meshed human dermal graft with broad clinical applications for acute & chronic wounds

- Available cryopreserved (AlloSkin™), or as a ready-to-use, shelf-stable graft with room temperature storage (AlloSkin™ AC)
 - AlloSkin™: Split-thickness skin containing native epidermal and dermal tissue, aseptically processed, cryopreserved
 - AlloSkin™ AC: Acellular dermal tissue, sterilized with room temperature storage
- Pliable and stretchable, AlloSkin™ allows graft contouring to wound topography, yet is robust enough to suture or staple graft without tearing
- 1:1 meshing encourages exudate drainage from wound, allowing the graft to be secured to the surface and avoid "floating"



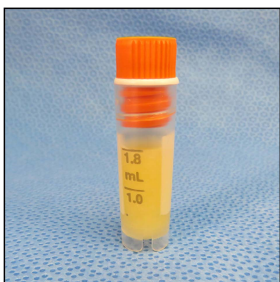
AlloMend® Acellular Dermal Matrix: A flexible and reliable graft for demanding soft tissue repair and reconstruction applications

- Flexible and pliable material provides optimal handling characteristics for precision placement
- Available in a variety of thicknesses, shapes, and sizes for a wide range of surgical applications
- Meshed options available for applications requiring fluid egress or increased graft surface area for incorporation
- Retains growth factors known to contribute to the body's healing response
- Shelf stable at room temperature with a 2-year shelf life



PureSkin™ and PureSkin™ XL Split-Thickness Dermis: A temporary dressing for burn patients to aid in infection control, fluid maintenance, and pain control, as well as conserve the use of autografts.

- Native dermal growth factors remain present to aid in the healing process*
- Processed to maximize allograft area, minimizing "patchworking" of smaller pieces in clinical settings
- Choice of meshed allografts to save valuable OR time, or non-meshed allografts to allow custom adaptability (e.g., "pie crusting" or larger meshing patterns) at site.
- Cryopreserved using a controlled rate freezing process and cryoprotectants to optimize shelf life



Liposana™ Adipose Allograft: A cryopreserved human adipose allograft that is used for the repair, replacement, or reconstruction of adipose defects

- All tissue is recovered and processed under aseptic conditions
- Retains the native structure and inherent properties of adipose tissue
- Implanted subcutaneously in areas of adipose tissue defects (e.g., fat pad atrophy for patients with or without ulcers)
- 5-year shelf life when cryopreserved; 6-month shelf life when frozen or refrigerated



OBS Dual Layer Tissue Matrix: A dual-layer amniotic membrane tissue recovered from planned Cesarean Section; not orientation specific

- Proprietary process preserves natural biomechanical properties of tissue to maintain extracellular matrix; NO hydrogen peroxide
- Provides nutrient-rich allogenic proteins essential for wounds, reduction of adhesions & inflammation
- Stored at room temperature; sterile, ready to use off-the-shelf



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