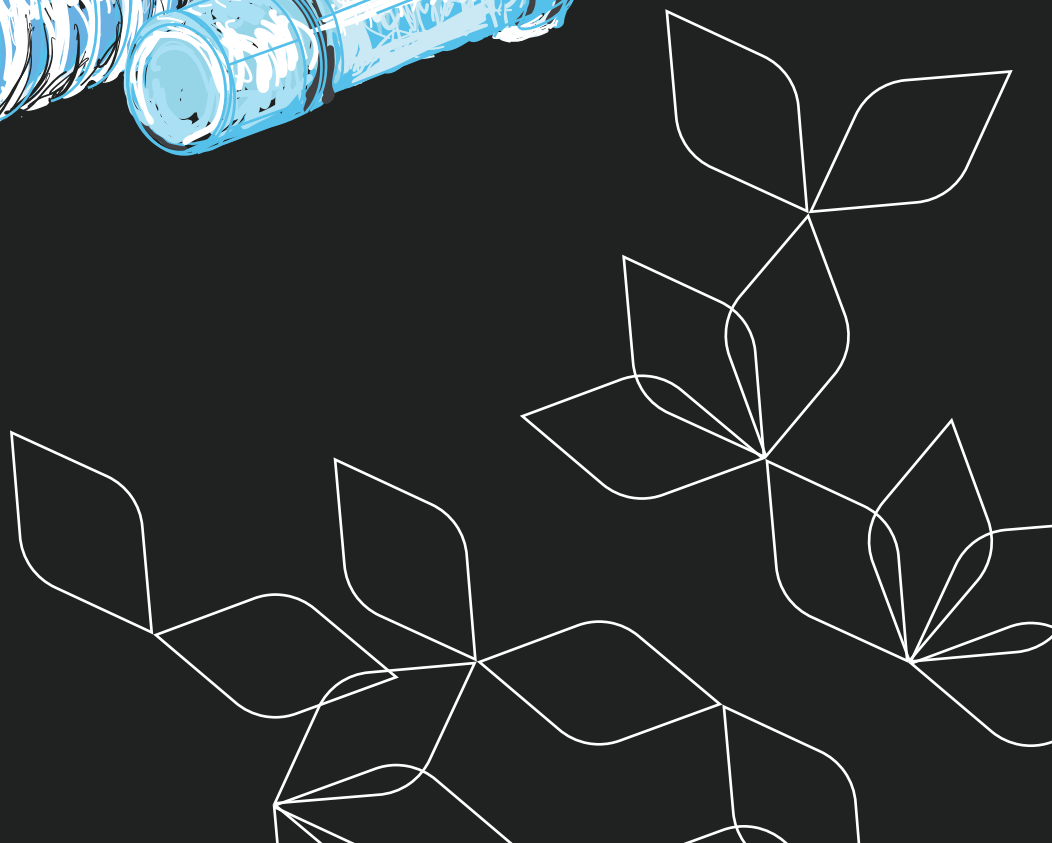
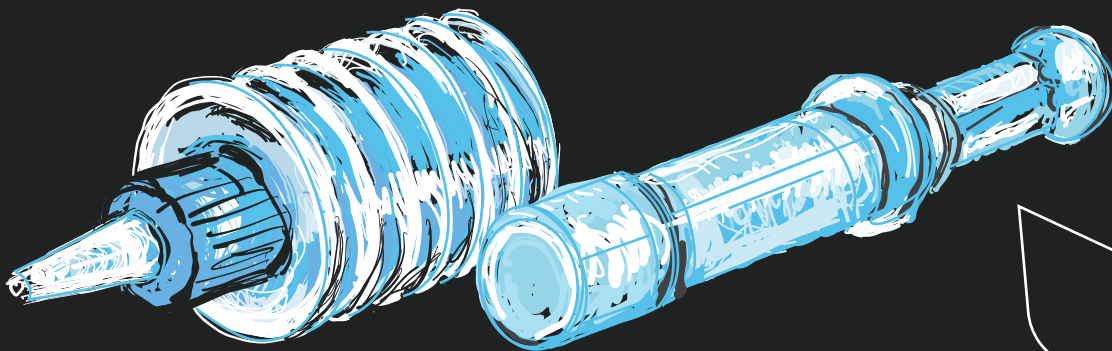


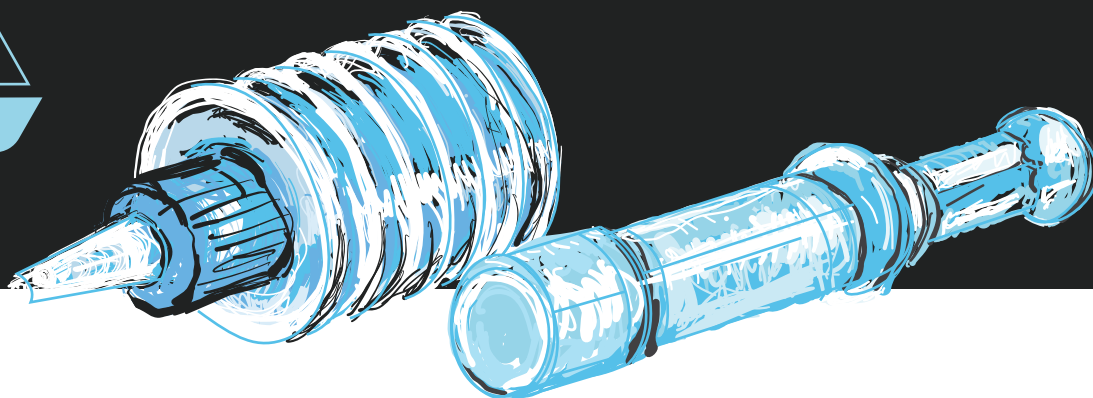
ventris[®]

connext[®]

Surgical Matrix



Connex[®] Surgical Matrix is a purified, low pH, 100% Type 1 Native Bovine Collagen indicated for the management of complex wounds. Connex creates a low pH healing environment, which has been shown to increase fibroblast proliferation, promotes epithelization and angiogenesis, regulate MMP activity, increase oxygenation of damaged tissues, and inhibit growth of pathogens¹. The unique properties of Connex also make it an alternative to close-suction drains, blood vessel ligation, or surgical site immobilization in the prevention of postoperative seromas. Connex is safe, effective and versatile for use in all plastic, reconstructive and general surgical wounds.



Features

Low pH Collagen¹

- Increases fibroblast proliferation
- Supports epithelization and angiogenesis
- Regulates MMP activity
- Increases tissue oxygenation
- Inhibits protease activity
- Inhibit growth of pathogens

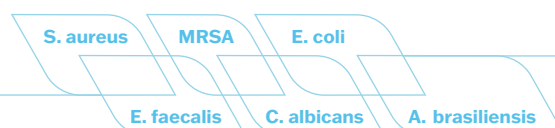
Purified 100% Type 1 Collagen^{2,3}

- Facilitates hemostasis
- Signals removal of debris
- Reduces inflammation
- Signals cellular migration and proliferation
- Supports revascularization and remodeling
- Minimizes pain and scarring

Benefits

Antimicrobial⁴

- Localized reduction in blood pH results in antimicrobial activity
- Connex showed a >6 log reduction
- (99.9999%) against top hospital acquired pathogens



Promotes Healing

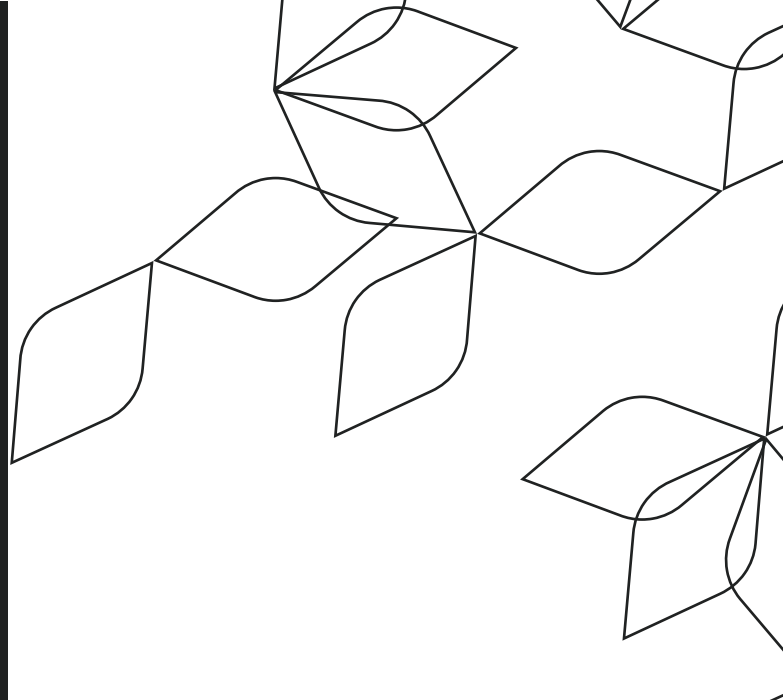
- Maximize absorption of wound exudate (30X weight)
- Increases bioavailability of collagen to form a protective gel moisture biobarrier
- Retains a structural ECM for MMP mitigation and remodeling
- Connex consists of sub-micron, purified, low pH, type 1 native bovine collagen

Primary Plastic & Reconstructive Procedures

- Abdominotomies
- Maxillofacial Procedures
- Mastectomies
- Breast Reconstruction

Primary General Procedures

- Surgical Incisions
- Open Hernia Repairs
- Laparotomies
- Draining Wounds



Connex[®] vs. Competition

	Connex	Leading Competitor
Collagen-based	✓	✓
Surgical Wound Application	✓	✓
Absorption	✓	X
Occlusive Gelatinous Barrier	✓	X
Low pH	✓	X
Antimicrobial	✓	X

Size Options	Small (.015 oz)
	Large (.030 oz)
	X-Large (.045 oz)





References

1. Nagoba BS, Suryawanshi NM, Wadher B, Selkar S. Acidic Environment and Wound Healing: A Review. *Wounds*. 2015; 27(1):5
2. Kallis PJ, Friedman AJ. Collagen Powder in Wound Healing. *J Drugs in Dermatology*. 2018;14(4):403.
3. Friess W. Collagen – biomaterial for drug delivery. *Eur J of Pharm & BioPharm*. 1998;45:113.
4. Data on file at Ventris Medical.



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