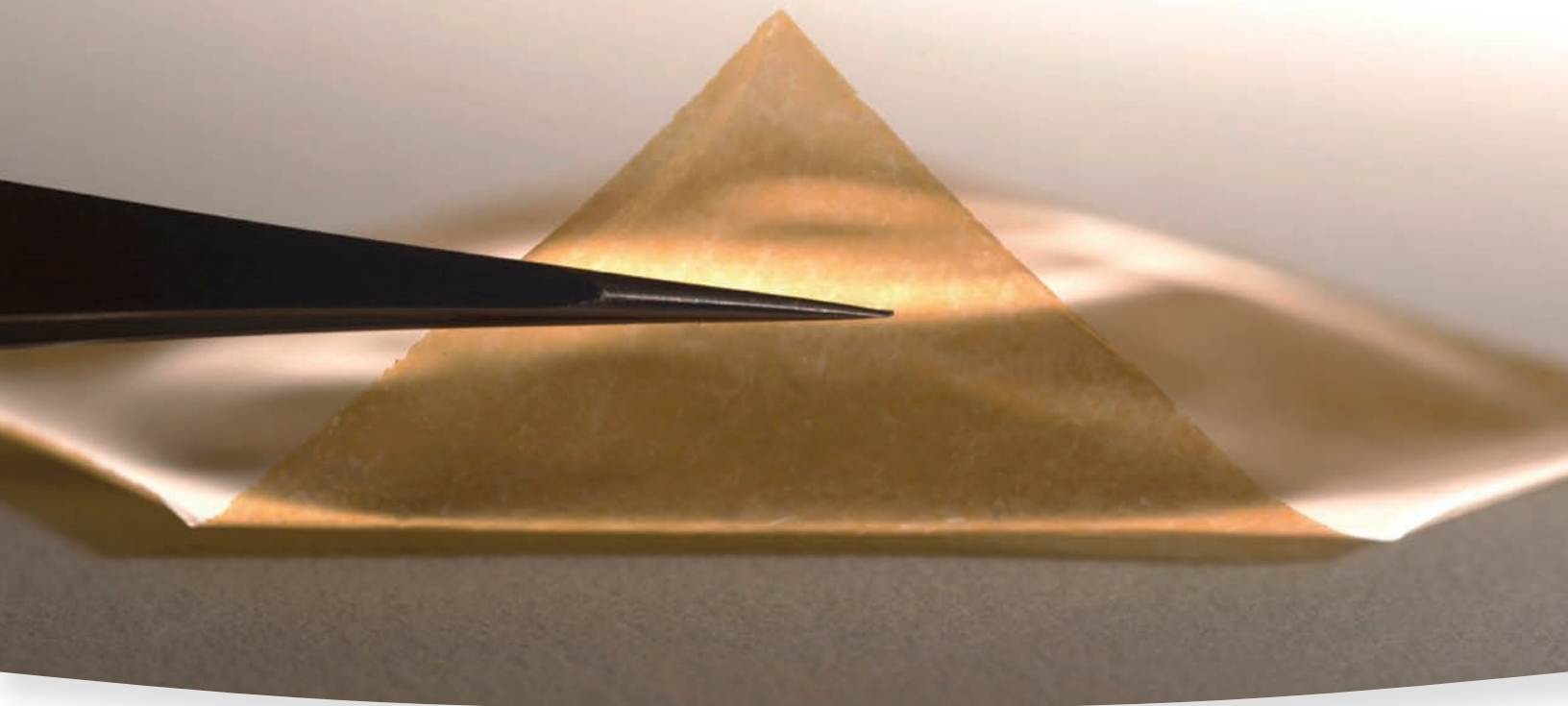


Is your bioresorbable wound matrix
ANTIMICROBIAL?

INTRODUCING



MicroLyte AG
Resorbable Wound Matrix™



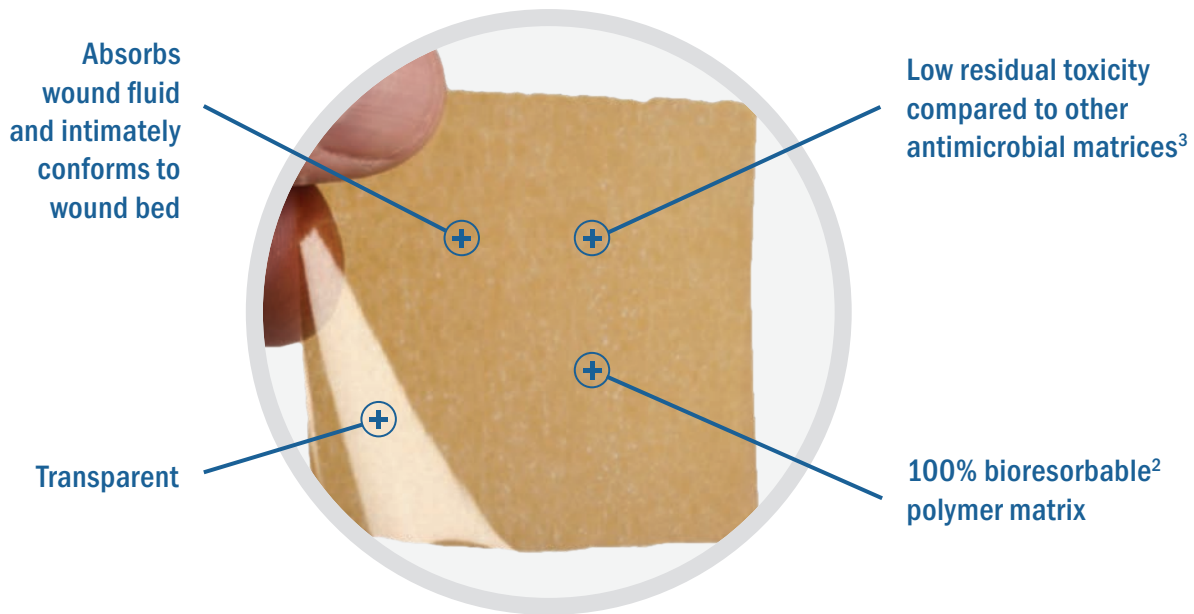
Synthetic. Antimicrobial. Bioresorbable.



MicroLyte[®] Ag Resorbable Matrix[™]

is a bioresorbable wound matrix composed primarily of polyvinyl alcohol, with a polymeric surface coating containing ionic and metallic silver.

MicroLyte[®] Ag Matrix absorbs wound fluid and transforms into a soft bioresorbable gel that intimately contours to underlying wound bed. It maintains a physiologically moist microenvironment. In vitro and in vivo studies indicate that components of the matrix allow cell growth and neovascularization.^{1,2,3}

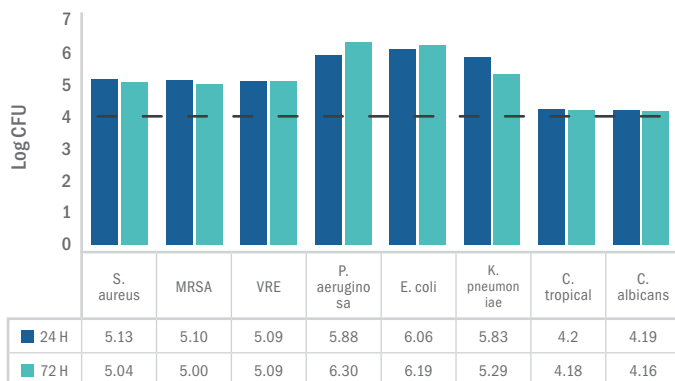


Antimicrobial Activity

MicroLyte[®] Ag Matrix contains antimicrobial silver in the matrix which kills bacteria in contact with the matrix. Reduction of bacterial bioburden may reduce microbial colonization and risks of wound infection.

The addition of **ionic and metallic silver** provides rapid, effective, and sustained antimicrobial activity.[†]

- ⊕ 510k-cleared for **3-day antimicrobial effect**
- ⊕ **>99.99% effective** against a broad spectrum of wound-related microbes^{†,4}



The **conformability** of MicroLyte[®] Ag Matrix means that it remains highly effective even with low amounts of silver, translating to:

- ⊕ Less wound staining
- ⊕ Lower residual toxicity

[†] As demonstrated *in vitro*

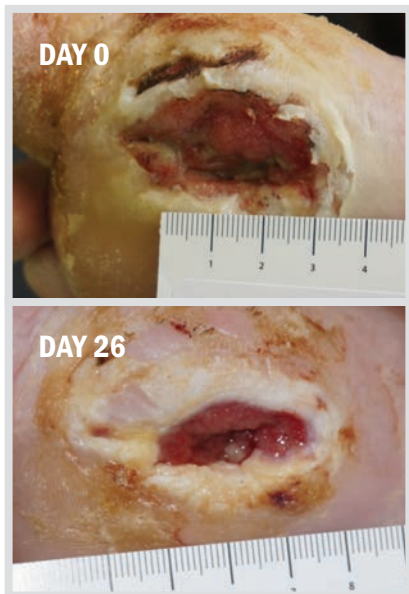


MicroLyte® Ag Matrix is currently in use at inpatient and outpatient facilities nationwide

In a 32-patient study⁵, 72% of ulcers that were **non-healing** with other competitive advanced therapies for an average of **40 weeks**, had a mean **wound closure of 66%** after **3-week treatment with MicroLyte® Ag Resorbable Matrix™**. After 12 weeks, 91% of wounds had improved with an average closure of 73% and 12 wounds closed 90%.

Diabetic Foot Ulcer

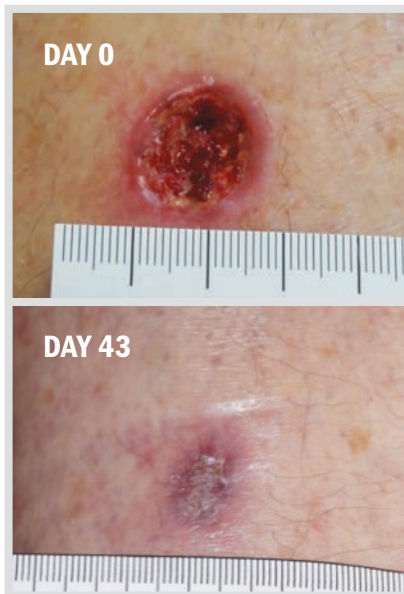
68 yr old male (stalled 211 days)



77% Closure

Non-Pressure Chronic Ulcer

74 yr old female (stalled 44 days)



>100% Closure

Post-Op Pilonidal Cyst

22 yr old female (stalled 37 days)



81% Closure

MicroLyte® Technology

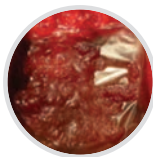
The advanced materials science employed in **MicroLyte® Ag Matrix** enables a one-of-kind wound matrix that is fully-synthetic, antimicrobial, and bioresorbable. So, it can be your **first choice in wound care**.

Transparent & Synthetic



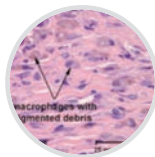
- Allows visualization of wound bed
- Eliminates concern over products of human or animal origin
- Long room-temperature shelf life⁶

Contours to Wound Bed



- Needs only ~1 µg/cm² Ag+ to kill microbes on tissue surface⁷
- Serves as scaffold for cell migration, vascularization, granulation tissue formation^{1,2}

Bioresorbable Matrix



- Eliminates need to remove residual matrix from wound²

	MicroLyte® Ag Matrix	Promogran Prisma® Matrix	Aquacel® Ag Hydrofiber	Acticoat® Flex
Manufacturer	Imbed Biosciences	Systagenix (J&J)	Convatec (BMS)	Smith & Nephew
Composition	Synthetic polymer	Bovine collagen/regenerated cellulose	Carboxymethyl cellulose	Nylon fiber
Bioresorbable	Yes	Yes	No	No
Cell invasion and capillary ingrowth	Yes	Yes	No	No
Silver content (mg/100cm ²)	1.2 mg	16.5 mg	12 mg	161 mg
Risk of tissue toxicity	-	+	+++	+++
Easy to use	Peel and place	Need hydration	Need hydration	Need hydration
Painful removal	No	No	Yes	Yes
Price	\$	\$\$	\$	\$

Using MicroLyte® Ag Resorbable Matrix is “peel-and-place” easy

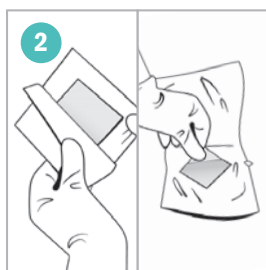
Unlike other wound dressings and matrices, MicroLyte® Ag Matrix requires no pre-wetting of the matrix prior to application. It is indicated for:

- ⊕ Partial and full thickness wounds including pressure ulcers, venous stasis ulcers, diabetic foot ulcers,
- ⊕ Surgical wounds, including donor sites, use over debrided and grafted partial thickness wounds, post Moh's surgery, post laser surgery, podiatry, and wound dehiscence.
- ⊕ Traumatic wounds including first and second-degree burns, abrasions, lacerations and skin tears

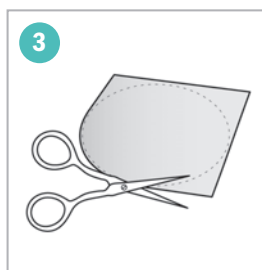
Using MicroLyte® Ag Matrix Instructions for Use *Please refer to full instructions for use in the packaging insert



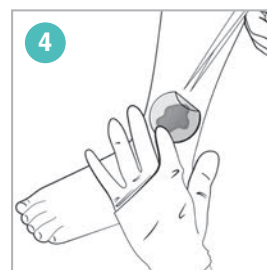
Prepare the wound using standard wound care protocol, which may include **removal of any necrotic tissue by debridement**. Moisten dry wounds with sterile saline. Avoid contact of matrix with wet surfaces until placed on a moist wound.



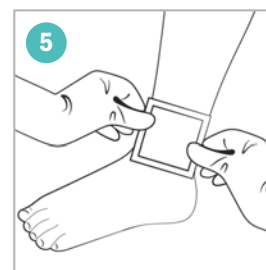
Remove the matrix from the package.



Cut the matrix to a size slightly larger than the wound. Multiple sheets can be used to tile the entire wound area.




Apply the matrix directly to wound bed. When placed on a moist wound, the matrix forms a soft conforming sheet. **Matrix may be used under compression therapy** under the supervision of a healthcare professional.



Cover the matrix used with a secondary moisture retentive dressing, such as a wet-to-dry gauze or other appropriate dressing. Change secondary dressing as appropriate. **It is not necessary to remove any residual MicroLyte® Ag Matrix during dressing changes.**

Ordering Information

	SKU	Product Size	Ea/Box	Boxes/Case	HCPCS
	MLA91001	2" x 2" 5 cm x 5 cm	5	10	A6242
	MLA91002	4" x 4" 10 cm x 10 cm	5	10	A6243

REFERENCES 1 Surfaces modified with nanometer thick silver-impregnated polymeric films that kill bacteria but support growth of mammalian cells, *Biomaterials*, 31 (4), 680-690, 2010. A Agarwal, TL Weis, MJ Schurr, NG Faith, CJ Czuprynski, JF Mcanulty, CJ Murphy and NL Abbott. 2 Systemic Toxicity, Local Tissue Response, and Wound Healing Study of MicroLyte Ag wound dressing, Following Repeated Treatment to Full-Thickness Wounds in Rats - 28 Days. Study 15T_41113_02, 2015. Data on file, Imbed Biosciences. 3 MITT cytotoxicity testing conduct as NAMSA. Data on file at Imbed Biosciences. 4 FDA 510k application. Data on file, Imbed Biosciences. 5 Study on going at Mission Hospital, Ashville, NC. Data on file, Imbed Biosciences, NCT# 03204851. 6 Study 15-002, MicroLyte Shelf Life and Stability, Data on file, Imbed Biosciences. 7 Measurement of Antimicrobial Activity of MicroLyte Ag, Study 16C_52935_02., 2016. Data on file, Imbed Biosciences.

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To find out more, visit MicroLyteAg.com or call **608-237-1590**

Mon.-Fri. 8:30am - 4:30pm CT

