

It's TIME for the FUTURE of Eye Health



A **comprehensive platform** advancing Ocular Health through innovative biologic solutions, experienced ophthalmic leadership, and strategic partnerships — all designed to **help clinicians optimize patient wellness**.

LUCENT™
SINGLE LAYER

RADIANT²™
DUAL LAYER

VIVID³™
TRI LAYER

Introducing our Premiere™ line of placental-derived Dehydrated Human Amniotic Membrane (DHAM) allografts for use as a protective covering in ocular surface repair and reconstruction procedures.

 **SILVER SEAL®**
HYDROGEL DRESSING

Introducing SILVER SEAL — a flexible, sterile, non-adherent hydrogel dressing indicated for the management of chronic and surgical wounds and for providing an antimicrobial barrier. Ideally suited as a covering for periocular procedures.

BIONX Surgical™
a Division of NEXGEL

 **Sequence**
LIFE SCIENCE™

BIONX Surgical™ has partnered with and is the exclusive distributor of the **Sequence LifeScience™** ocular portfolio.

Eye Care Today Can be a Waiting Game.

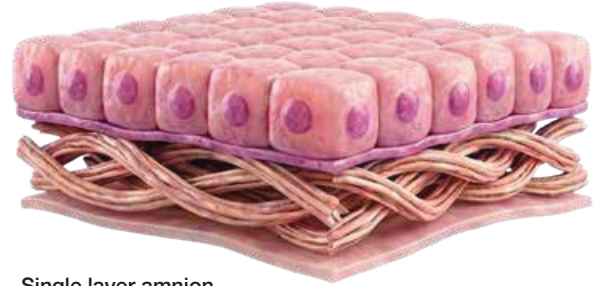
Many treatments can take weeks or months to work, and some even irritate the ocular surface. Ocular wellness is dependent on the RIGHT product at the RIGHT time. Start with an advanced product designed to support patient care.

It's Time for a Change.

Our mission is simple: Earlier intervention delivering true tissue innovation designed to provide protective coverage and support for the ocular surface.

The Value of Placental Tissue:

A rich, varied, and sustainable source of healthy ECM and soluble biochemical components, these tissues are donated from a healthy, screened population.



Single layer amnion

It's all about the AlloKleen™ Process

Our ocular products use a proprietary process developed to maintain the structural integrity of the tissue - while removing unwanted immunogenic components.

Extensive research and clinical usage of these tissues demonstrate the beneficial effects of utilizing human placental membranes as a biologic barrier to cover various types of ocular surgical procedures as well as wounds due to injury, disease, or surgical intervention.^{1,2}

- We do not use detergents or harsh chemicals during processing
- Extensive pre-and post-processing wash steps remove unwanted extraneous tissues and fluids
- This process allows the retention of key ECM components including laminin, fibronectin, proteoglycans, and hyaluronic acid, plus numerous growth factors and cytokines*
- The final step in the Process is a validated terminal sterilization process to achieve a 10⁶ sterility assurance level (SAL)



Comprehensive Portfolio - For ALL Your Needs

Each DHAM product is designed as a natural ocular wound covering or barrier.

- ✓ **Conforms to the Ocular Surface:** Creates a protective covering over the wounded area
- ✓ **Convenient Application:** Designed for easy handling and effortless placement on the ocular surface

- ✓ **Multiple Size Options:** Available in a range of sizes to meet diverse clinical needs
- ✓ **Multi-Layer Configuration:** Incorporates multiple amnion layers with the stroma oriented outward for added reinforcement and enhanced durability

LUCENT™ | Ocular · Single Layer
Amniotic Membrane
Allograft

Naturally Thin. Naturally Flexible.

LUCENT™ allografts easily conform to the ocular surface making them ideal for applications where a more pliable graft is preferred

RADIANT^{2™} | Ocular · Dual Layer
Amniotic Membrane
Allograft

Enhanced Strength. Superior Coverage.

RADIANT^{2™} combines two amnion layers to provide a multilayer protective covering of the ocular surface during ocular repair and reconstruction procedures

VIVID^{3™} | Ocular · Tri Layer
Amniotic Membrane
Allograft

Maximum Strength. Demanding Applications.

The tri-layer configuration of VIVID^{3™} provides maximum mechanical strength, making these allografts suitable for covering the most demanding and challenging ocular reconstruction procedures

Completing Our Ocular Wellness and Aesthetics Portfolio



Where Periocular Protection Meets Aesthetic Recovery

introducing SILVER SEAL, a flexible, sterile, non-adherent hydrogel dressing that incorporates the antimicrobial properties of metallic silver-coated fiber. SILVER SEAL is indicated for the management of chronic or surgical wounds and for providing an antimicrobial barrier.



Protects:
antimicrobial
silver barrier



Supports:
moist wound
environment



Comforts:
low-adherent,
cooling design



Complements Periocular Recovery: Ideal for aesthetic procedures. An excellent choice for ocular plastics and aesthetic applications.

Ordering Information

	LUCENT ¹	RADIANT ²	VIVID ³	Actual Sizes
Available Sizes	Amnion (Single Layer)	Amnion (Double Layer)	Amnion (Triple Layer)	
8mm (disc)	LUC-SL-08	RAD-DL-08		8mm
10mm (disc)	LUC-SL-10	RAD-DL-10		10mm
12mm (disc)	LUC-SL-12	RAD-DL-12		12mm
15 x 20mm (patch)			VIV-TL-1520	15 x 20 mm

Simplified Handling: Terminally sterilized, ready to use, dehydrated for convenient ambient storage, minimally manipulated



Available Sizes	Product Code	HCPC
5cm x 7.6cm (2in x 3in)	AB-200300-103	A6242
10cm x 12.7cm (4in x 5in)	AB-400500-105	A6243

10 Dressings Per Box. 10 Boxes Per Case.

Our team includes a Certified Tissue Bank Specialist (CTBS), a Six Sigma-credentialed quality executive, and leaders with proven track records in building and scaling medical technology companies from concept through commercialization.

References:

1. Niknejad H, Peirovi H, Jorjani M, et al. Properties of the amniotic membrane for potential use in tissue engineering. *Eur Cell Mater.* 2008;15:88–99.
2. Roy A, Mantay M, Brannan C, Griffiths S. Placental tissues as biomaterials in regenerative medicine. *BioMed Res Int.* 2022;2022:1–26.

* Data on file



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For more information visit sequencelifesci.com.

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