OptiGraft™

Sterile Ophthalmic Allografts

The Premium Choice for Glaucoma and Corneal Applications.

Lions Eye Institute
FOR TRANSPLANT & RESEARCH
Leading Locally. Reaching Globally.

LionsEyeInstitute.org

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The Premium Choice for Glaucoma and Corneal Applications.

Sterile Patch Grafts for Glaucoma Surgery

- Tube shunt and valve coverage
- Trabeculectomy support
- Structural integrity restoration
- Bleb, scleral buckle repair, and corneoscleral fistula repair

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Sterile Cornea for Corneal Surgery

- Corneal Perforation
- Corneoscleral laceration repair
- Trauma and/or Emergency
- Boston keratoprosthesis (KPro)
- Tectonic anterior lamellar keratoplasty (ALK/DALK)

Lions Eye Institute for Transplant and Research (LEITR) has streamlined the preparation and sterilization process to provide premium sterile allografts with an optimal safety profile at a competitive cost.

Optimal Convenience
- Precut sizes and thickness (full and split)
- Ready-to-use tissue without re-hydration or rinsing
- Improved packaging designed for ease of use
- Up to two-year shelf life at room temperature for scheduled or emergency cases[1,2]

Optimal Cosmesis[3]
- Clear cornea expands placement options (FOV, inferior, visible)
- Facilitates glaucoma tube management and allows for suture lysis

Optimal Tissue Integrity
- Proven tissue integrity and durability[1]

Optimal Safety Profile
- Terminally sterilized to a sterility assurance level of 10^{-6}

Optimal Savings
- Significant cost savings from efficient operational design

Optimal Shape and Size

Tissue Type	Shape	Size & Thickness	Tissue Code*
Sterile Cornea	●	Whole moon, full thickness with scleral rim	V0103/V0106
Sterile Cornea	●	Whole moon, split thickness (9mm)	V0131/V0139
Sterile Cornea	◗	Half-moon split thickness (9mm X 4.5mm)	V0129/V0137
Sterile Sclera	●	10mm sclera disk	V0146/V0154
Sterile Sclera	Anatomical	Quarter sclera	V0151/V0158
Sterile Sclera	Anatomical	Third sclera	V0150/V0157

**Each pair of tissue codes are interchangeable and will provide the same type of graft. List both codes when ordering.*

Distribution & customer service are available 24/7 for additional information.

To place an order: 813.289.1200.

1. Chae JJ, Choi JS, Lee JD, et al. Physical and Biological Characterization of the Gamma-Irradiated Human Cornea. Cornea. 2015;34(10):1287–1294. doi:10.1097/ICO.0000000000000555

2. Fadlallah A, Atallah M, Cherfan G, Awwad ST, Syed ZA, Melki SA. Gamma-irradiated corneas as carriers for the Boston type 1 keratoprosthesis: advantages and outcomes in a surgical mission setting. Cornea. 2014;33(3):235–239. doi:10.1097/ICO.0000000000000065

3. Sikder S, McCally RL, Engler C, Ward D, Jun AS. Evaluation of Irradiated Corneas Using Scatterometry and Light and Electron Microscopy. Cornea. 2011;30(5):503–507. doi:10.1097/ICO.0b013e3181eadd0f

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