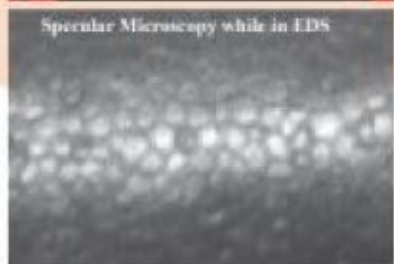
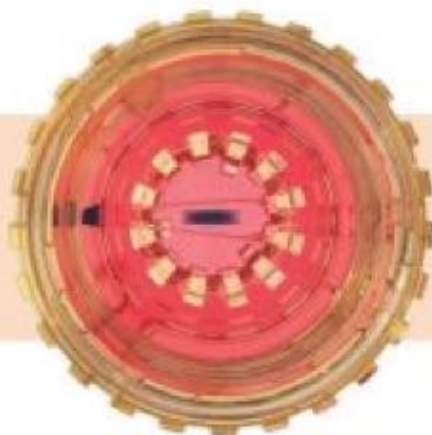


# LVG PATIENT READY DMEK<sup>®</sup>



Lions VisionGift is committed to providing high quality, innovative, and safe tissue for surgical use. As part of that commitment we have developed the validated Patient Ready DMEK<sup>™</sup> processing program.

## LVG DMEK Advantages:

- Tissue carrier (Straiko modified Jones tube) is securely held in a standard corneal viewing chamber.
- Patented EDS<sup>™</sup> (Endothelial Delivery System)
  - No vials
  - Easy access chamber
- Scrolled graft is stored in 20 mL of Optisol-GS<sup>™</sup> and is not isolated by plugs or caps.
- Saves OR time and resources.
  - Pre-punched: Available in 7.5, 7.75 and 8.0 mm (no trephine required in OR).
  - Grafts are pre-stained (no trypan blue required in OR).
  - Loaded into tissue carrier.
  - Patient Ready, attach carrier to syringe and transplant!
- Tissue evaluated in accordance with ALL EBAA Medical standards.
- Slit-lamp examination and specular images acquired with DMEK graft **inside** the carrier after ALL processing is complete.

## Detection of Excessive Tissue Damage

To the right is a graft **ruled out** for transplant during post-processing evaluation due to injector scraping (chevrons) and excessive trephine damage (arrows).



LVG evaluates *after* loading. Therefore it is possible to detect excessive graft damage. With the LVG Patient Ready DMEK<sup>™</sup> Process, you can feel confident that you are getting the best possible corneal graft.

The Lions VisionGift EDS<sup>™</sup> is part of processing and is a pass-through fee for insurance reimbursement.



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LVG is the only U.S. Eye Bank with a process that has been validated and peer-reviewed. Read more in *Cornea*:

Tran KD, Dye PK, Odell K, Galloway J, Steeger CG, Straiko MD, Terry MA. Evaluation and Quality Assessment of Prestripped, Preloaded Descemet Membrane Endothelial Keratoplasty (DMEK) Grafts. *Cornea*. 2017;36:484-490.

View informational videos at: <http://www.visiongift.org/videos>