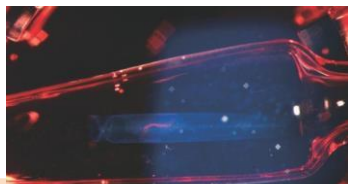
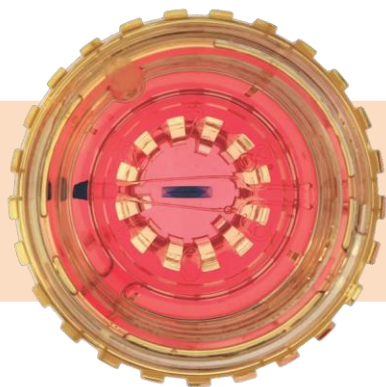
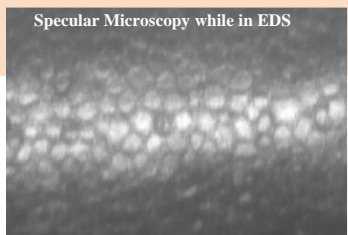


# LVG PATIENT READY DMEK<sup>®</sup>



Slit-Lamp Examination while in EDS



Specular Microscopy while in EDS

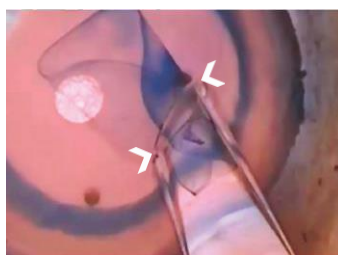
Lions VisionGift is committed to providing high quality, innovative, and safe tissue for surgical use. As part of that commitment we have developed the validated Patient Ready DMEK<sup>™</sup> processing program.

## 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, Stoeger 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>