

### These instructions

supplement the Lions Gift of Sight Ocular Tissue Package Insert L1.000 Attachment II but do not replace the standard precautions.

This cornea has been processed for DMEK and then trephined, stained, and loaded into a modified Jones tube. The

DMEK graft has been trephined to 7.75mm unless otherwise requested. It was stained in 0.06% trypan blue for 4 minutes unless otherwise requested. It is immersed in corneal storage solution inside the modified Jones tube with the endothelium facing out and placed in a viewing chamber with 20 mL of corneal storage solution. The reported graft size is the diameter after trephination.

The DMEK graft is intended to remain inside the modified Jones tube until use. It is possible for the storage solution or tissue to eject if held vertically, since both ends of the modified Jones tube are open. To prevent unintentional ejection, keep the modified Jones tube horizontal while lifting it out of the viewing chamber with mosquito forceps. The DMEK graft may shift during shipping and, in rare cases, may dislodge from the modified Jones tube. If this has happened, endothelial cell damage may result. Use of dislodged tissue is up to surgeon discretion.

This DMEK graft is loaded into a LEITR Modified 2.0mm Micro Jones Tube, intended to be part of an inserter system comprised of Jones Tube, syringe, and nasogastric (NG) tubing. Detailed instructions can be obtained from the manufacturer (Gunther Weiss Scientific Glassblowing, Portland, OR). Briefly, NG tubing is attached to a small (1 – 6 mL) syringe filled with BSS. Purge all air from the system before attaching the modified Jones tube. The graft has been pre-stained, however, if additional staining is desired, add 0.06% trypan blue ophthalmic solution by cannula into the open end of the injector.

Use BSS to flush all air, storage solution, and trypan blue (if necessary) before injecting graft. Hold the assembled injector vertically and slowly advance the plunger, **careful not to eject the DMEK graft from the injector**. Allow the graft to settle by gravity in between flushes to keep the graft inside the injector. Once the modified Jones tube is filled with BSS and enough BSS remains in the syringe for injection (1-3 mL), the tissue is ready to inject.

The manufacturer recommends an incision size of 2.0 – 2.2 mm for the LEITR Modified 2.0 mm Micro Jones Tube. Prepare the patient with this incision size in mind.

