

# TransplantREADY® Endo-In DMEK

Preloaded in a  
Weiss Glass Cannula\*

*“Endo-In DMEK is the advancement we have all been waiting for. It makes DMEK into a predictable procedure with less trauma to endothelial cells.”*

*—Benjamin Lambright, M.D.*

## Over 10 Years Experience Preloading Corneas

- The newest innovation in the LWVI TransplantREADY portfolio
- TransplantREADY Endo-In DMEK allows graft to enter the AC oriented correctly
- Endo-In configuration allows graft to unscroll without external tapping



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# TransplantREADY® Endo-In DMEK Preloaded in a Weiss Glass Cannula\*

## Preassembled system includes:

- End-cap luer lock connection
- 14 French tubing
- Weiss Glass Cannula, 2.6mm outer diameter
- Permeable sponge secures the graft
- Protective silicone tip insulates the end of the glass cannula for safety\*\*

## TransplantREADY®

The objective of the TransplantREADY Endo-In DMEK is to streamline the DMEK transplant procedure by delivering graft correctly oriented into the AC with the endothelium inside of the scroll. As the graft is slowly introduced into the AC, it opens in an effort to return to its natural configuration of endo-out.

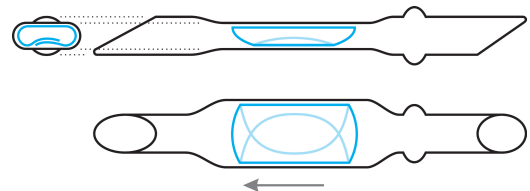
- Prepared using a no-touch hydrodissection technique
- Preloaded endo-in using a tri-fold technique
- Significantly reduced endothelial cell loss
- Time and expense saved in the O.R.

## Preparation

Each TransplantREADY DMEK graft is prepared using our Hydrodissection “Blister” Technique which simultaneously dissects and stains Descemet’s membrane. Endothelial cells are preserved by limiting tissue manipulation and exposure of endothelium to Trypan Blue. Documented benefits include 10x less endothelial cell loss compared to dissection and staining with the SCUBA technique. The graft is prepunched to desired diameter, premarked with an “S” stamp or “I-II” peripheral mark, tri-folded endo-in, and preloaded into the Weiss Glass Cannula.

\*The Weiss Glass Cannula is a Class 1 Medical Device, Product Code HMX, manufactured by Gunther Weiss Scientific Glassblowing, Inc., an FDA Registered Medical Device Manufacturer - Establishment Registration #3005489413

\*\*Protective silicone tip and sponge secures the graft during shipment and during exchange of corneal preservative for BSS.



## Procedural Steps for Transferring Graft into the AC According to the Experts

- Enter bevel-down, rotate to bevel-up position
- Position the tip of the cannula past the pupil across the AC.
- An inflated chamber is necessary to allow the DMEK graft to unscroll naturally.
- Gently transfer only the distal third of the DMEK graft, allowing time for it to begin opening.
- Slowly deliver the remaining graft while retracting the cannula.
- Remain in the AC until the graft is completely open; use fluid from the syringe to assist if needed.
- Protect the incision as you exit the AC.



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Formerly Lions Eye Institute for Transplant & Research

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