

INSTRUCTIONS FOR USE



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

Each donor tissue is prepared to your specifications and preloaded in a Weiss Glass Cannula*. This fully assembled delivery system connects easily to a luer lock syringe.

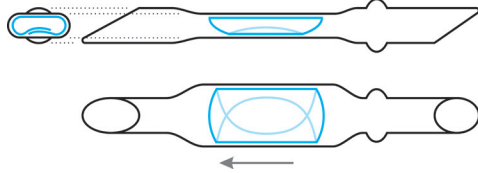
Quick Connect Design – Preassembled system includes:

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

Storage and Handling

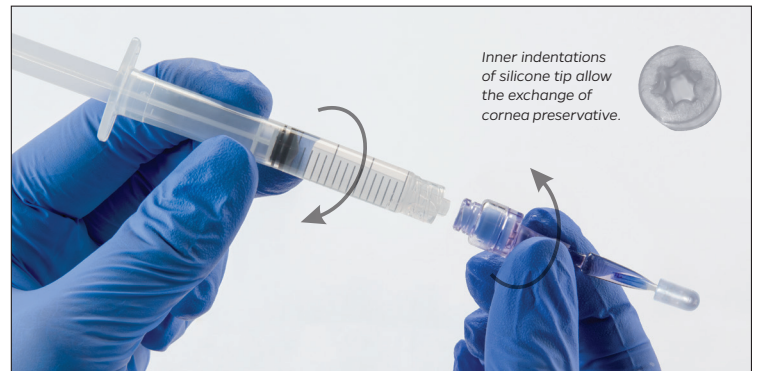
- FDA Approved corneal preservative
- Store at 2°C to 8°C, do not freeze!
- **1 - 2 hours before surgery:**
 - Remove the vial containing preassembled delivery system from the shipping container and allow sealed vial to reach room temperature.
- Prepare 3ml syringe with 2.5ml BSS (*not included*).
- Ask assistant to remove non-sterile white cap and hold glass vial firmly.

Recommendations from Early Adopters



The successful transfer of the Endo-In DMEK graft is very different from the traditional injection techniques. TransplantREADY Endo-In DMEK is a tri-folded graft with endothelium inside of the scroll. Successful delivery into the AC requires a very slow transfer of the graft allowing it to unfold into its natural configuration (endo-out) and fully open in the correct orientation with minimal to no tapping.

- Enter the AC bevel-down and advance the tip across the iris plane
- Rotate the cannula so the bevel is facing up
- Use gentle micro-pulses to advance the graft into the AC
- Once the distal third of the graft is outside of the cannula, pause and allow the graft to unfold on its own
- Once the distal third of the graft is unfolded continue to gently pulse BSS to transfer the entire graft
- Stay in the AC until the graft has completely unfolded
- Shallow the chamber and protect the main incision before exiting the AC



Instructions for Use

- 1. Remove TransplantREADY® DMEK delivery system from vial**
- 2. Connect to syringe**
Assure no air bubbles are in syringe, slowly press the end-cap connector and luer lock syringe together, then twist to secure, and inspect connections.
- 3. Remove silicone tip**
While silicone tip and sponge is submerged in BSS, remove the tip and sponge prior to insertion.

Optional: Replace corneal preservative with BSS

Submerge the Weiss Glass Cannula with silicone tip attached while slowly and carefully advancing BSS through the delivery device. The inner indentations of the silicone tip allow for the exchange of cornea preservative.

While flushing, monitor graft position. If graft approaches the tip, reposition the graft towards the flat area of the Weiss Glass Cannula by gently aspirating fluid, then resume flushing.

*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 #3005489143.

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



So the world can see.

Formerly Lions Eye Institute for Transplant & Research

1410 N 21st Street, Tampa, FL 33605-5313 | 813.289.1200 | LWVI.org

Revised 12.29 .2023