



# TransplantREADY<sup>®</sup> DSAEK

Preloaded in a  
Weiss Glass Cannula\*

*"Beautiful Case. Opened up right away."*

*—Priya M. Mathews M.D., M.P.H.*

## 100+ Ophthalmologists Report:

Delivery using fluid injection  
provides deep stable chamber while  
promoting opening of the graft.

3x less endothelial cell loss<sup>†</sup> compared  
to pull-through and insertion techniques.

## Full-Range of Graft Specs<sup>‡</sup>

- 40-100+ microns
- 7.0-8.75mm diameters

# TransplantREADY® DSAEK Preloaded in a Weiss Glass Cannula\*

**Designed specifically for ultrathin DSAEK grafts, 40-70 microns.**

## Preassembled system includes:

- End-cap luer lock connection
- 14 French tubing
- Weiss Glass Cannula
- Permeable sponge

## Closed System

- Promotes opening of graft with fluid
- Provides deep stable chamber without AC maintainer

## TransplantREADY®

- Prepared and preloaded for no-touch delivery
- Less traumatic to endothelium†
- Small 2.8 mm outer diameter
- Eliminates need for donor punch and micro forceps

## Specifications

The objective of the TransplantREADY DSAEK in a Weiss Glass Cannula is to ease transplant procedures using prepared, preloaded grafts while preserving endothelial cell count. Although a full range of graft specifications can be accommodated, the system is ideally designed for ultrathin DSAEK with parameters of 40-70 microns with a diameter between 7.0-8.0mm (up to 8.75mm if requested).

## Preparation

Each TransplantREADY DSAEK graft is prepared using the high pressure anterior chamber (HPAC) method. HPAC provides documented benefits including graft yield, accuracy, and repeatable control (pre-cut)—while maintaining viable endothelium. The graft is trephined to desired diameter (prepunched); orientation markings are added (premarked). Then the graft is tri-folded and preloaded into the Weiss Glass Cannula, and placed in a vial of FDA Approved cornea preservative.

## Storage & Transport

- OCT images show the preloaded graft positioned in DSAEK Weiss Glass Cannula is rounded and maintains its shape without collapsing
- Preloaded graft is stored in FDA Approved cornea solution and easily removed
- Graft orientation is visible inside the Weiss Glass Cannula and maintains position during transport

## Tips, Videos & Information

For the latest information, including surgical videos, surgeon feedback, and best practices, visit:



For more information,  
scan QR Code or visit:

[lionseyeinstitute.org/transplantready-dsaek/](https://lionseyeinstitute.org/transplantready-dsaek/)

## Request TransplantREADY DSAEK preloaded in a Weiss Glass Cannula.

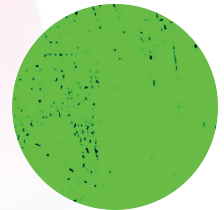
\*The Weiss Glass Cannula is a Class 1 Medical Device, Product Code HMX, manufactured by Gunther Weiss Scientific Glassblowing, Inc., an FDA Registered Medical Device Manufacturer - Establishment Registration #3005489413

†2022 ASCRS presentation DSAEK Graft Endothelial Cell Damage with Pull-Through Busin Glide, Insertion Forceps, and Preloaded Injectable Technique.

‡Designed for ultrathin DSAEK, 40-70 microns with a diameter between 7.0-8.0mm, but able to accommodate a full-range of graft specifications (up to 100+ microns and 8.75mm diameter as requested).



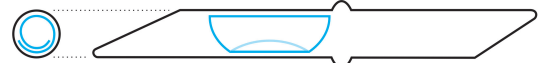
Inside DSAEK Weiss Glass Cannula, graft maintains position.



**2.8% Cell Loss**  
Preloaded in DSAEK Weiss Glass Cannula and stored for 24 hours

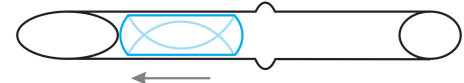
## TIPS FROM THE EXPERTS:

**LEITR Medical Advisory Board**



### Confirm Correct Orientation

Bevel up (insertion end) = endothelium down



### Mobilize Graft Before Insertion

Advance tissue to the proximal end of the bevel.

### Timing Fluid Exchange

If fluid exchange is desired, carefully exchange FDA Approved cornea preservative with BSS just prior to delivery.