

INSTRUCTIONS FOR USE



DSAEK graft stained for illustration purposes.

TransplantREADY™ DSAEK Preloaded in LEITR DSAEK 3.0

Each donor tissue is prepared to your specifications and preloaded in the LEITR DSAEK 3.0. This fully assembled delivery system connects easily to a luer lock syringe.

New Quick Connect Design – pre-assembled system includes:

- Two-way valve with luer lock connection
- 14 French tubing
- LEITR DSAEK 3.0 delivery system
- Permeable sponge*

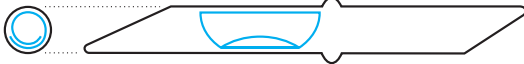
*Permeable sponge secures the graft and promotes media flow during shipping. Also keeps graft secure while exchanging Optisol-GS for BSS.

Storage and Handling

- Corneal Storage Media: Optisol-GS
- Store at 2°C to 8°C, do not freeze!
- **1 - 2 hours before surgery:**
Remove Optisol-GS vial containing donor tissue preloaded in LEITR DSAEK 3.0 from shipping container and allow sealed vial to reach room temperature.
- Prepare 5ml syringe with 3.5-4ml BSS (*not included*)
- Ask assistant to remove non-sterile white cap and hold glass vial firmly.



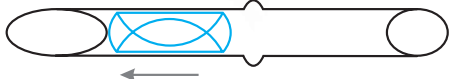
SURGICAL PEARL



Confirm Correct Orientation

Bevel up (insertion end) = endothelium down

SURGICAL PEARL



Mobilize Graft Before Insertion

Advance tissue to the proximal end of the bevel.

SURGICAL PEARL

Timing Optisol-GS/BSS Exchange

If fluid exchange is desired, carefully exchange Optisol-GS with BSS just prior to delivery.

Instructions for Use

1. **Remove DSAEK 3.0 delivery system from vial**
2. **Connect to Syringe**
Assure no air bubbles are in syringe, slowly press valve and luer lock syringe together, twist to secure, and inspect connections.
3. **Remove sponge**
While tip is submerged in BSS, remove the sponge prior to insertion into AC of the recipient.
4. **Mobilize Graft Before Insertion**
Position the donor tissue flush with the anterior opening of the bevel.

Optional: Replace Optisol-GS with BSS

Place the tip of LEITR DSAEK 3.0 with sponge against the side of basin; slowly and carefully advance 1ml of BSS through the delivery device.

CAUTION: Using too much pressure will eject the sponge and tissue.

While flushing, monitor graft position. If graft approaches the tip or sponge, reposition the graft towards the middle of the LEITR DSAEK 3.0 by gently aspirating fluid, then resume flushing. If tissue is ejected, do NOT attempt to reload. Use your traditional non-preloaded technique to transplant DSAEK graft.