

EndoSerter®-PL

FDA registered pre-loaded instrument for DSEK



DSEK REDEFINED

Introducing the EndoSerter®-PL. This new and exclusive FDA registered, single-use graft insertion device is pre-loaded with expertly processed Nano-Thin™ or Ultra-Thin DSEK tissue.

- ✓ Designed to allow consistent allograft positioning
- ✓ Simplifies the procedure, maximizing O.R. efficiency
- ✓ Reduces endothelium manipulation in the O.R.

EXPERIENCE DSEK REDEFINED

Contact us at (844) 526-7632
or visit www.CorneaGen.com

CorneaGen™



Benefits

All the benefits of the EndoSerter® taken to the next level with pre-loaded DSEK tissue.

Simplifies DSEK Surgery

- Consistent allograft positioning
- Single 4mm incision
- Integral irrigation

Maximizes O.R. Efficiency

- Simplifies the procedure
- Saves valuable preparation time

Reduces Endothelial Cell Loss

- Minimizes environmental exposure
- Decreases endothelium manipulation in the O.R.

Specification Options

Customize your request with your preference for tissue thickness, age range, and cell count.

Tissue Thickness

- Nano-Thin™ DSEK, less than 60µ
- Ultra-Thin DSEK, less than 100µ

Graft Size

≤ 8.0mm in allograft diameter

EndoSerter®-PL is validated for storage of donor tissue for up to a maximum of 48 hours.



Simplified Procedure

The EndoSerter®-PL graft insertion device pre-loaded with DSEK tissue is capable of small-incision clear cornea surgery that does not require:

- Additional instrumentation
- Sutures
- Separate anterior chamber maintainer

The EndoSerter®-PL provides accurate graft delivery and placement with minimal endothelial contact.

Discuss with your Surgical Product Specialist today to schedule your in-service consultation and *experience DSEK Redefined.*

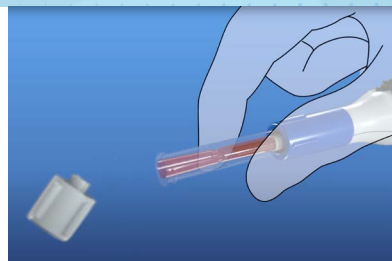
1

Remove rear cap, connect irrigation



2

Hold media cartridge, remove front cap



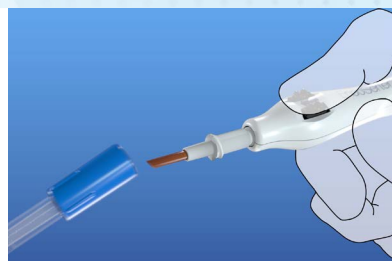
3

Irrigate BSS, flush storage media



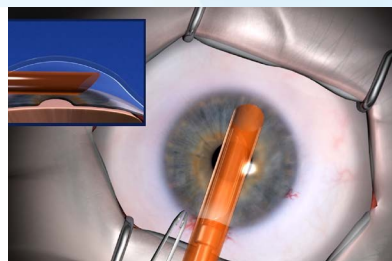
4

Stop irrigation, remove media cartridge with blue luer lock



5

Insert device, deploy allograft



Schedule your
in-service today!

CONTACT US:

844-526-7632

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Check out videos of the EndoSerter®-PL at

CorneaGen.com/ESPL

EndoSerter®-PL



Clinical In-servicing

Information is provided as a supplemental guide only and does not replace the Instructions for Use (IFU).

- EndoSerter®-PL is designed to be used through a tight 4mm incision.
 - DSEK Parameters: Graft size diameter $\leq 8.0\text{mm}$; Thickness $\leq 100\mu\text{m}$.
 - EndoSerter®-PL is validated for storage of donor tissue for up to a maximum of 48 hours.
1. Acquaint yourself with the EndoSerter®-PL.
 2. Confirm the patient and donor information.
 3. Remove the EndoSerter®-PL from the shipping container.
 4. Set irrigation bottle height at 40cm and ensure all air bubbles are out of the line.
 5. Disconnect the rear cap.
 6. Connect irrigation at the back Luer connection.
 7. Remove the front cap while holding the cartridge.
 8. Irrigate with BSS and flush the storage media out of the device.
 9. Once the storage media is replaced with BSS stop the irrigation and remove cartridge by turning the large blue Luer lock guard. **WARNING:** Deployment wheels must be held securely to avoid damage to donor tissue during insertion.
 10. Hold the black deployment wheels while inserting the beveled tip of the insertion sheath into at least the center of the anterior chamber.
 11. Once the beveled tip of the insertion sheath is inserted into the anterior chamber, deepen the anterior chamber using gentle irrigation (e.g. bottle height at 40 cm) through the device. Continue irrigation as the device is moved across the anterior chamber past the far edge of the stromal bed.
 12. Deploy the allograft by rotating the black deployment wheels forward towards the patient. Move the black deployment wheels until the allograft is completely uncovered. **WARNING:** The EndoSerter®-PL uncovers the tissue allograft and the sheath will retract toward the incision during deployment.
 13. When the allograft has deployed, hold the black deployment wheels in their position, and remove the device from the anterior chamber.
 14. Discard the EndoSerter®-PL.