

# EndoSerter®

CORNEAL ENDOTHELIUM DELIVERY INSTRUMENT

## Clinical In-servicing

CorneaGen offers the EndoSerter® corneal endothelial delivery instrument used to implant donor allograft tissue during Descemet's Stripping Automated Endothelial Keratoplasty (DSAEK) procedures.

- Consistent, Controlled Placement of Donor Tissue
- Integral Irrigation
- Single 4mm Incision



For more information or to order,  
please contact us at +1 336-516-9600  
or visit [www.CorneaGen.com](http://www.CorneaGen.com)

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

- Do NOT remove black locking guard from the EndoSerter® until ready to insert tissue into anterior chamber.
  - The EndoSerter® is designed to be used through a tight 4mm incision.
1. CONNECT irrigation to the EndoSerter®. FLUSH EndoSerter® with Balanced Salt Solution (bottle height 40cm). STOP irrigation (DO NOT restart irrigation until tip of the EndoSerter® is in anterior chamber).
  2. LEAVE a small amount of fluid on the carrier. REMOVE excess fluid from carrier (do not shake the EndoSerter® to remove fluid).
  3. LOAD tissue onto carrier within alignment holes.
  4. DRY around edge of graft with sponge tip.
  5. APPLY 2-3 drops of cohesive visco-elastic to center of graft.
  6. ROTATE blue thumbscrew to retract tissue. TUCK tissue edge, as necessary, to retract fully into sheath. Rotate thumbscrew until you hear a click and thumbscrew spins freely — you cannot rotate thumbscrew too many times.
  7. ROLL the EndoSerter® 180 degrees so that the black deployment wheels are facing up.
  8. HOLD black deployment wheels firmly and REMOVE black locking guard (continue to hold deployment wheels through entire insertion process).
  9. INSERT the EndoSerter® tip through a tight 4mm incision (continue to hold deployment wheels).
  10. START and CONTINUE irrigation (bottle height 40cm) (continue to hold deployment wheels). If necessary, deepen the chamber slowly by raising the bottle height while irrigation continues to flow.
  11. MOVE the EndoSerter® tip across the anterior chamber past the far edge of the stromal bed (continue to hold deployment wheels).
  12. ROLL black deployment wheels forward (towards patient) and ROTATE the EndoSerter® 45 degrees to the right as the graft is exposed. The graft is uncovered, not ejected. The EndoSerter® will retract leaving the graft behind.

## DSAEK

- Graft Size: Diameter ≤ 8.5mm; Thickness ≤ 175µm.
- Sterile, single use disposable.

CorneaGen™

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