



CLINICAL IN-SERVICING

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 EndoSaver[®] until ready to insert tissue into anterior chamber.
- The EndoSaver[®] is designed to be used through a tight 4mm incision.

1. CONNECT irrigation to the EndoSaver[®]. FLUSH EndoSaver[®] with Balanced Salt Solution (bottle height 40cm). STOP irrigation (DO NOT restart irrigation until tip of the EndoSaver[®] is in anterior chamber).
2. LEAVE a small amount of fluid on the carrier. REMOVE excess fluid from carrier (do not shake the EndoSaver[®] 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 thumb-screw spins freely – you cannot rotate thumbscrew too many times.
7. ROLL the EndoSaver[®] 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 EndoSaver[®] 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 EndoSaver[®] 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 EndoSaver[®] 45 degrees to the right as the graft is exposed. The graft is uncovered, not ejected. The EndoSaver[®] will retract leaving the graft behind.

DSEK / DSAEK

- Graft Size: Diameter \leq 8.5mm; Thickness \leq 175 μ m.
- Sterile, single use disposable.

The EndoSaver[®] is a unique single-use, disposable device used to implant donor allograft tissue during DSEK procedures. The EndoSaver[®] simplifies your surgical procedure.



Consistent, Controlled
Placement of Donor Tissue

Integral Irrigation

Single 4mm Incision

COMPARISON CHART

SightLife® offers the EndoSaver® corneal endothelial delivery device. Commercially available internationally, the EndoSaver® is a unique single-use, disposable device used to implant donor allograft tissue during DSEK procedures.

Attribute	EndoSaver® (SightLife®)	NCI Inserter (Fischer Surgical)	Tan EndoGlide (Angiotech)	Forceps (Various)
Incision Size	4mm	5.5mm	4.5mm	5-6mm
Clear Cornea?	Yes	No	Not likely	No
Topical anesthesia feasible?	Yes	No	Not likely	Yes
Suture required	No	Yes	Most likely	Yes
AC deep during insertion?	Yes, coaxial flow	Yes, coaxial flow	No	No
Separate AC maintainer required?	No	No	Yes	Yes
Additional incisions or instruments?	No	Maybe - to release graft from device	Yes	Yes
Tissue adheres to device requiring extra manipulation?	No - loading platform not involved in deployment	Yes - tissue may adhere to loading platform while in AC	Possible	Possible
Endothelial cell loss	Minimal	Minimal	Minimal	Moderate to Severe
Graft size limit (diameter)	≤ 8.5mm	≤ 8.75mm	≤ 9.75mm	User defined
Graft size limit (thickness)	≤ 175µm	Unknown	≤ 250µm	User defined

SIMPLIFIED PROCEDURE

The EndoSaver® is the only instrument capable of small-incision clear cornea surgery that doesn't require:

- Additional instrumentation
- Sutures
- Separate anterior chamber maintainer

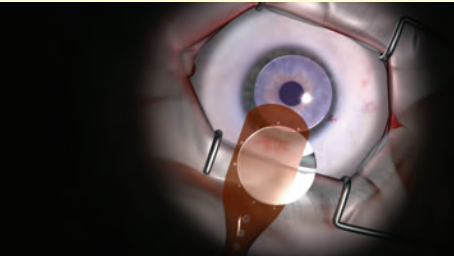
The EndoSaver® provides accurate graft delivery and placement with minimal endothelial contact.



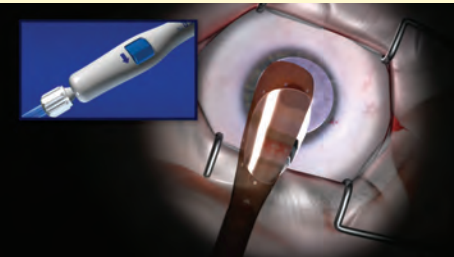
As a global organization, we are honored to work with a team of international distributors around the world to supply international surgeons with the EndoSaver®.



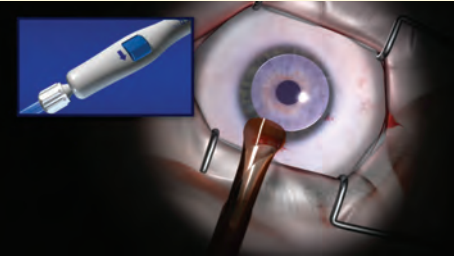
1 Set tissue position.



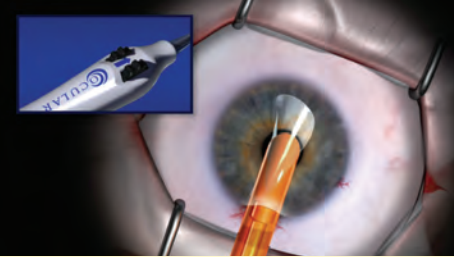
2 Rotate thumb screw.



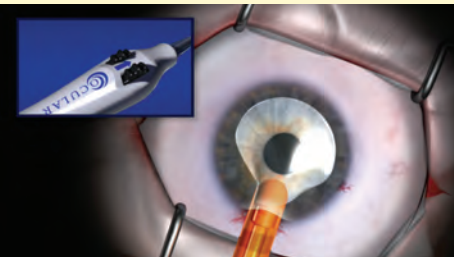
3 Retract allograft.



4 Roll device. Insert.



5 Irrigate. Uncover.



Check out videos of the EndoSaver® at: [sightlife.org/Resources/EndoSaver](https://www.sightlife.org/Resources/EndoSaver)

View a complete list of our distributors at www.sightlife.org. For countries not listed on the website, contact our home office: endsaver@sightlife.org or 00 +1 336 784 4603.

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