
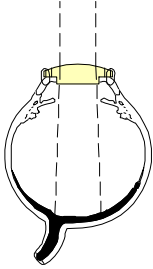


Ocular Landers Wide Field Temporary Keratoprosthesis						
	Product Code	Image Mag	Contact Diameter	Static FOV	Designed with: Maurice B. Landers, III, M.D. Chapel Hill, NC	
	OLTK - 7.2	2.29x	7.2mm	28°		
	OLTK - 8.2	2.29x	8.2mm	30°		

Design

- The Landers Wide Field Temporary Keratoprosthesis is designed with a convex anterior surface to facilitate viewing of the peripheral retina and the posterior pole during vitrectomy and corneal transplant surgery.
- This lens has six suture holes around its peripheral edge. Lens design is suitable for phakic, aphakic and pseudophakic eye.
- Once the sutures are in place, the lens/cornea interface acts as a seal and provides a closed system for a vitrectomy procedure.
- May be used in conjunction with our handled vitrectomy lenses (OBVI, OFVI, OMVI, OPGVI, OPVI-3) or the Machemer Flat Vitrectomy Lens (OLV-5).

Technique

- A 7.0mm or 8.0mm corneal trephine is used to remove corneal button. The 7.0mm is most commonly used.
- The Keratoprosthesis (0.2mm larger than the button) is placed through the opening and rotated down into the cornea.
- The Keratoprosthesis is sutured to the cornea using 8.0 nylon suture.
- A Flieringa ring should also be sutured to eyes with flexible scleras.
- The large aperture provides a wide angle view of the posterior retina and permits clear visualization of the peripheral retina when combined with scleral depression.
- In some cases, the fundus view can be improved by placing a Machemer Flat Vitrectomy Lens on the keratoprosthesis with a drop of visco-elastic material between the lenses.
- At the conclusion of the pars plana vitrectomy, the sutures holding the keratoprosthesis are removed. The donor button is sutured in place.

Cleaning

Rinse: Immediately upon removal from patient's eye, thoroughly rinse in cool or tepid water.

Wash: Place a few drops of mild soap on a moistened cotton ball. Gently clean with a circular motion.

Rinse: Thoroughly rinse in cool or tepid water, then dry carefully with a *non-linting* tissue.

Then: Proceed with either disinfection or sterilization instructions.

Disinfecting

Soak In:	GLUTARALDEHYDE	OR	BLEACH
	2% or 3.4% aqueous solution		10% solution mixed at: 1 part bleach to 9 parts cool tepid water
	Temperature per manufacturer instructions		Recommended exposure time = 10 minutes
	Minimum exposure time = 20 minutes		
	Caution To avoid damage to the lens, do not exceed recommended exposure time.		
Then:	Rinse lens <i>thoroughly</i> to remove disinfection solution. 3 cycles of 1 minute, with cool or tepid water is recommended. Dry carefully and place in a dry storage case.		

NOTE	This lens is known to be compatible with: Asepti-Wipe, Cavi-cide, Cidex, Cidex OPA, DisCide Wipe, Enviro-cide, H ₂ O ₂ - 3%, and Opti-Cide
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Sterilizing						
AUTOCLAVE	STERRAD	STERIS SYSTEM 1	ETO	ETO Parameters		
No	No	YES	YES	Minimum Time	Temperature	Aeration Time
		Per manufacturer instructions	See Right	1 hour	130°F (54°C)	12 hours
WARNING <i>Never Steam Autoclave or Boil listed lenses.</i> <i>Never soak in Alcohol, Acetone or Other Solvents.</i>						

For information on compatibility with alternative product care methods, contact Customer Service.

