














Ocular Landers High Refractive Index (HRI) Vitrectomy Lens Set			
Set Product Code	CE	Journal Reference for Rings: Ophthalmic Surgery and Lasers Vol. 27, No. 10, p. 891, October 1996	Designed With: Maurice B. Landers, III, M.D. Chapel Hill, NC
OLVS-HRI			

Lenses					
	Product Code/ Lens Name	Image Mag	Static FOV	Description	
	<b>OLV-2-HRI</b> Landers HRI Biconcave Lens	0.78x	28°	90D biconcave lens facilitates viewing the fundus in an air-filled vitreous cavity in phakic and pseudophakic eyes.	
	<b>OLV-3-HRI</b> Landers HRI Magnifying Lens	1.49x	34°	For detailed examination and minute surgical manipulation of retinal membranes in phakic and pseudophakic eyes.	
	<b>OLV-4-HRI</b> Landers HRI Wide Field Lens	0.58x	48°	Plano anterior surface facilitates a 48° field of view when visualizing the central posterior pole and central vitreous in phakic and pseudophakic eyes.	
	<b>OLV-6-HRI</b> Landers HRI 20° Prism Lens	0.58x	44°	Provides visualization of the posterior peripheral fundus and vitreous in phakic, aphakic and pseudophakic eyes.	
	<b>OLV-7-HRI</b> Landers HRI 30° Prism Lens	.58x	38°	Provides visualization of the posterior peripheral fundus and vitreous beyond the equator with minimal distortion in phakic, aphakic and pseudophakic eyes.	
	<b>OLV-OC</b> Landers Occluder	NA	NA	Fits precisely in Lens Ring and protects the macula from inadvertent light/photo damage.	









Forceps		
	Product Code/ Lens Name	Description
	<b>OLV-FCP</b> Landers Lens Forceps	Simplifies placement and removal of vitrectomy lenses used with suture down rings.

Rings		
	Product Code/ Lens Name	Description
	<b>OLV-1-TN</b> Landers Tall Notched Vitrectomy Lens Ring	This stainless steel ring is centered on the cornea. Notches are designed in the top of the ring for suture placement in the sclera. It makes scleral depression easier when operating in the region of the vitreous base. This scleral depression is an increasingly useful way of operating on proliferative vitreoretinopathy, with anterior loop traction, and also of operating on anterior fibrovascular proliferation, as often occurs in diabetic patients. Height is 3.2mm.

## Design

- § Made from high refractive index glass, the HRI lenses offer a wider field of view, less distortion and reflections.
- § An identification dot is ground into the top surface of each HRI lens to distinguish them from our traditional quartz lenses.
- § Each possesses new curves and angles, resulting in sharper, clearer peripheral and posterior retinal and vitreous images when compared with earlier lenses. This means fewer lens changes during the surgical procedure.
- § Set includes 5 HRI vitrectomy lenses, Landers Tall Notched Lens Ring (no struts), Landers Occluder, Landers Forceps, and an autoclavable Ocular Vitrectomy Lens Case (OLV-C3 HRI) with laser labeled lens tray.
- § All items are also available separately.

## Other Rings Available Separately

	Product Code/ Lens Name	Description
	<b>OFV-4</b> Foxman Vitrectomy Lens Ring	4 down struts. Requires no sutures. Designed for use with a 25g cannula <b>Technique</b> § Place ring on eye. § Mark sclera for the two superior cannulas using the 3 & 4mm markings on the ring. § Remove ring. Insert cannulas. § Replace ring.
	<b>OLV-1</b> Landers Vitrectomy Lens Ring (Included in set OLVS-3)	Stainless steel ring with two suture down struts.
	<b>OLV-1-IR</b> Landers Irrigating Vitrectomy Lens Ring	Stainless steel ring features an irrigation port. Sutures secure the two struts to the sclera, which allows blood to be irrigated away and keeps the cornea moist.
	<b>OLV-1-IN</b> Landers Notched Irrigating Lens Ring	This stainless steel ring is an irrigation version of OLV-1/TN. Height is 3.2mm. 3 notches for sutures.
	<b>OLV-1S</b> Landers Silicone Ring	Can be used with any Landers System Lens. It allows the surgeon to change lens positions to obtain the optimum viewing angle. Useful when using a prismatic lens for peripheral vitrectomy procedures. (4 per pack)
	<b>OLV-1-4P</b> Landers 4 Post Vitrectomy Lens Ring	Two sutures placed over one post on each side hold this ring on the eye. Either post can be selected to center the ring over the patient's pupil.
	<b>OPV-R</b> Pediatric Vitrectomy Lens Ring	Smaller version of the OLV-1. Included in the Ocular Pediatric Vitrectomy Lens Set described in Surgical Lenses section in the catalog.
	<b>OTN-R</b> Tano Vitrectomy Lens Ring	4 upright tabs. Requires only 1 circumferential suture allowing for easy repositioning and removal.
<b>Note</b>	See product sheet 5971, "Ocular Vitrectomy Lens Rings" for individual lens ring care instructions.	

## Cleaning & Disinfection

See Cleaning Method 3

