


## Ocular Layden Suture Lysis Lens

	Product Code	Image Mag	Laser Spot Mag	Contact OD	Handle Length	<i>Designed with: William E. Layden, M.D. Tampa, FL</i>
	<b>OLSA</b>	1.00x	1.00x	1.6mm	79mm	

### Design

- § The Layden Suture Lysis Lens is used to sever subconjunctival nylon sutures in post-operative situations such as trabeculectomy flap sutures that are too tight to allow filtration and cataract wound sutures causing astigmatism.
- § The lens compresses the overlying conjunctival vessels allowing sharp visualization and laser cutting of sutures.
- § 1.6mm diameter tip simplifies locating and lasering sutures in patients with dark or highly pigmented sclera.
- § Useful in pressing on the side of the trabeculectomy flap or on the flap itself to cause it to pop open once the laser has lysed the suture.
- § Lens compresses the thick conjunctival tenons tissue, clears blood, and gives the view of the suture.

### Technique

- § The patient is seated at the laser slit lamp with eye anesthetized.
- § Lids are separated with the free hand when necessary.
- § The lens is placed firmly over the suture until clearly visualized.
- § The laser is finely focused and the suture is cut with one or two applications of a 50 - 100 micron spot size at 600 - 1000 milliwatts at 0.1 seconds with the argon laser.

**WARNING** *This lens should not be used with the Nd:YAG Laser.*

### 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.

### Disinfection

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		
<p><b>Caution</b> <i>To avoid damage to the lens, do not exceed recommended exposure time.</i></p>			
Then:	<p>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.</p>		

<b>NOTE</b>	This lens is known to be compatible with: Asepti-Wipe, Cavi-cide, Cidex, Cidex OPA, DisCide Wipe, Enviro-cide, and Opti-Cide
<b>Caution</b>	<i>If used on an ulcerated cornea, lens must be <b>STERILIZED</b> before next procedure.</i>

Sterilization						
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
<b>WARNING</b> <i>Never Steam Autoclave or Boil listed lenses. Never soak in Alcohol, Acetone or Other Solvents.</i>						

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

