Ocular Mandelkorn Suture Lysis Lens

Product Code	Image Mag	Laser Spot Mag	Contact OD	Lens Height
OMSLA CE	1.32x	.76x	5.6mm	20.9mm

Reference:
EyeNet, Vol. 5, No. 4, P. 33, April 2001
Ocular Surgery News, Vol. 13, No. 20, October 1995
Ocular Surgery News International, Vol. 6, No. 10, p. 54, October 1995
Ophthalmic Surgery, Vol. 25, No. 7, p. 480, July 1994

Design

- The Mandelkorn Suture Lysis Lens was developed to sever subconjunctival nylon sutures following trabeculectomy to improve outflow through the scleral flap, and/or cataract surgery for astigmatism control through the release of tight nylon sutures.
- Direct compression of the overlying conjunctiva and vessels allows easy argon laser suture lysis.
- The 5.6mm diameter base, in direct contact with the conjunctival surface, allows complete visualization of the surgical site including trabeculectomy and cataract surgical wounds.
- A .76x laser spot size allows additional focusing of the argon laser upon the individual nylon sutures to be severed, while the 1.32x magnification allows clear visualization of each suture to be severed.
- The large diameter laser window allows easy location of the desired suture to be severed.
- The 31.75mm handpiece allows excellent separation of the lids and increased visualization of the surgical site.

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 several applications of a 50 - 100 micron spot size at 200 - 600 milliwatts at 0.1 seconds duration 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		
	Minimum exposure time = 20 minutes		Recommended exposure time = 10 minutes
	Caution *To avoid damage to the lens,* do not *exceed recommended exposure time.*		
Then:	Rinse lens *thoroughly* 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_2O_2 - 3%, and Opti-Cide		
Caution	***If used on an ulcerated cornea, lens must be STERILIZED before next procedure.***		

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
WARNING	***Never Steam Autoclave or Boil listed lenses.*** ***Never soak in Alcohol, Acetone or Other Solvents.***					

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

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