


Ocular Ritch Nylon Suture Laser Lens

	Product Code	Image Mag	Laser Spot Mag	Contact OD	Lens Height	Reference: EyeNet, Vol. 5, No. 4, P. 33, April 2001 Ophthalmic Surgery, Vol. 25, No. 2, p. 126, February 1994
	ORNSA CE	1.0x	1.0x	5.7 mm	25.4mm	

Design

- The Ritch Nylon Suture Laser Lens is used for suture lysis of subconjunctival nylon sutures following trabeculectomy, or cataract wound sutures causing astigmatism.
- The lens provides excellent compression of the conjunctiva, blanching of overlying blood vessels affording an improved view of scleral flap sutures.
- It can be used successfully in eyes with thickened or opacified Tenon's capsule, early encapsulation, elevated localized blebs, and eyes with limited subconjunctival hemorrhages.
- The lens is cone shaped, with a small 5.94mm convex contact surface.
- A flange and the lens cone provide lid retraction, while a knurled cap protects the anterior lens surface and facilitates manipulation.
- The external surface is frosted and non-reflective.

Technique

- The patient is seated at the laser slit lamp with eye anesthetized.
- Lids are separated with the free hand or the lens itself can be used.
- The lens is placed firmly over the suture until clearly visualized.
- The laser is finely focused and the suture is cut with a spot size of 50 microns at a starting power of 400 milliwatts for 0.05 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			Recommended exposure time = 10 minutes	
	Minimum exposure time = 20 minutes				
Caution <i>To avoid damage to the lens, do not exceed recommended exposure time.</i>					
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				
Caution	<i>If used on an ulcerated cornea, lens must be STERILIZED 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
WARNING	<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.



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