



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 	1.0x	1.0x	5.7 mm	25.5mm	

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 & Disinfection

See Cleaning Method 1



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