### 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

<table>
<thead>
<tr>
<th>GLUTARALDEHYDE</th>
<th>OR</th>
<th>BLEACH</th>
</tr>
</thead>
<tbody>
<tr>
<td>2% or 3.4% aqueous solution</td>
<td></td>
<td>10% solution mixed at: 1 part bleach to 9 parts cool tepid water</td>
</tr>
<tr>
<td>Temperature per manufacturer instructions</td>
<td></td>
<td>Recommended exposure time = 10 minutes</td>
</tr>
<tr>
<td>Minimum exposure time = 20 minutes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Caution</strong> To avoid damage to the lens, do not exceed recommended exposure time.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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, $\text{H}_2\text{O}_2$ - 3%, and Opti-Cide

**Caution** *If used on an ulcerated cornea, lens must be STERILIZED before next procedure.*
### Sterilization

<table>
<thead>
<tr>
<th>AUTOCLAVE</th>
<th>STERRAD</th>
<th>STERIS SYSTEM 1</th>
<th>ETO</th>
<th>ETO Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>No</strong></td>
<td><strong>No</strong></td>
<td><strong>Yes</strong></td>
<td><strong>Yes</strong></td>
<td>Minimum Time</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Per manufacturer instructions</td>
<td>See Right</td>
<td>1 hour</td>
</tr>
</tbody>
</table>

**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.