**Ocular Layden Suture Lysis Lens**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Image Mag</th>
<th>Laser Spot Mag</th>
<th>Contact OD</th>
<th>Handle Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>OLSA</td>
<td>1.00x</td>
<td>1.00x</td>
<td>1.6mm</td>
<td>79mm</td>
</tr>
</tbody>
</table>

*Designed with: William E. Layden, M.D. Tampa, FL*

**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 and Disinfection**

See Cleaning Method 1