Ocular Wise Iridotomy-Sphincterotomy Laser Lens

**Design**
- The Wise Iridotomy-Sphincterotomy Laser Lens features a 9.0mm diameter 103 Diopter magnification button lens strategically aligned to facilitate the optimum in small spot laser delivery.
- As compared to the Abraham Lens, this lens increases efficiency of iris perforation with less energy and shorter burn duration, even on very thick brown or light blue irides.
- As can be seen on the chart, the Wise Lens greatly reduces energy density at the cornea and retina, thus significantly reducing risk of corneal burn and damage to the retina.
- The anti-reflective coating maximizes laser beam transmission and minimizes reflections.
- The wise Lens can be used for Argon, diode or Nd: YAG laser procedures.

<table>
<thead>
<tr>
<th>Comparison of Laser Beam Diameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iris</td>
</tr>
<tr>
<td>Focused at the iris. Laser beam</td>
</tr>
<tr>
<td>convergence angle in air calculated at 8.5°</td>
</tr>
<tr>
<td>Goldmann Fundus Lens</td>
</tr>
<tr>
<td>Iris</td>
</tr>
<tr>
<td>Cornea</td>
</tr>
<tr>
<td>Retina</td>
</tr>
</tbody>
</table>

Note: A laser with a 30 micron setting would produce an iris spot size of 11 microns.

**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**
- **GLUTARALDEHYDE**
  - GLUTARALDEHYDE
  - 2% or 3.4% aqueous solution
  - Temperature per manufacturer instructions
  - Minimum exposure time = 20 minutes
  - **Caution** To avoid damage to the lens, do not exceed recommended exposure time.
- **BLEACH**
  - 10% solution mixed at: 1 part bleach to 9 parts water
  - Recommended exposure time = 10 minutes
- **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: Ascepti-Wipe, Cavi-cide, Cidex, Cidex OPA, DisCide Wipe, Enviro-cide, H2O2 - 3%, and Opti-Cide

**Caution** If used on an ulcerated cornea, lens must be STERILIZED before next procedure.
<table>
<thead>
<tr>
<th>Sterilization</th>
<th>AUTOCLAVE</th>
<th>STERRAD</th>
<th>STERIS SYSTEM 1</th>
<th>ETO</th>
<th>ETO Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Per manufacturer instructions</td>
<td>See Right</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 hour</td>
<td>130°F (54°C)</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.