
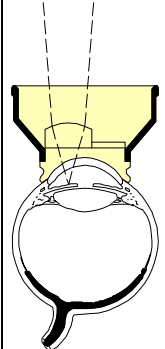



## Ocular Abraham Iridectomy Laser Lens

	<b>Product Code</b>	<b>Image Mag</b>	<b>Laser Spot Mag</b>	<b>Contact OD</b>	<b>Lens Height</b>	<i>Designed with:</i> Robert K. Abraham, M.D., Encino, CA  <i>Reference:</i> Ophthalmic Surgery and Lasers, Vol. 27, No. 3, pp. 209-227, March 1996 Int. Ophth. Clinic Glaucoma Surgery, Vol. 21, No. 1, Spring 1981 Ophthalmic Surgery, Vol. 11, No. 8, pp. 506-515, August 1980 Perspectives in Ophthalmology, Vol. 4, No. 2, pp. 129-138, June 1980	
	<b>OAIA</b>  	1.8x	.63x	15mm	16.5mm		

### Design

- A modified Goldmann-type fundus lens with an 8mm diameter, 66D, 1.6x magnification plano-convex button bonded to it.
- It has a high efficiency, anti-reflective coating for either the Argon or Diode lasers bonded to its surface.
- Focusing the laser beam on the iris through the lens, the diameter of the iridian spot becomes 60% of that which would have occurred without using a lens. Thus, by reducing the diameter at the iris, one has increased the power density by a factor of 2.5x.
- Protection against superficial corneal burns also occurs with the use of this lens as the diameter of the laser beam is increased at the cornea, thus *decreasing* the power density at the cornea by a factor of 2.8x.

### 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:	<b>GLUTARALDEHYDE</b>		<b>OR</b>	<b>BLEACH</b>		
	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					
<b>Caution</b> <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, and Opti-Cide					
<b>Caution</b>	<b><i>If used on an ulcerated cornea, lens must be STERILIZED before next procedure.</i></b>					

### 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
<b>WARNING</b> <b><i>Never Steam Autoclave or Boil listed lenses.</i></b> <b><i>Never soak in Alcohol, Acetone or Other Solvents.</i></b>						

For information on compatibility with alternative product care methods, contact Customer Service.



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