Surgical **Guide:**

The following surgical pearls are recommendations that come from surgeons who have experience implanting AXIS Toric Foldable Lenses, and we are providing them for your consideration.

- Patient axis should be marked pre-op on the slit lamp, and sitting upright position.
- CCC should be in the range of 4.5mm to 5.5mm in diameter.
- Don't overinflate eye at the end of surgery leaving the eye somewhat “softer” than usual generally allows the capsular bag collapse around the IOL more immediately.
- Use a cohesive visoelastic, compared to dispersive viscoelastics, these are less likely to coat the IOL surface and reduce chance of rotation of lens.
- Remove viscoelastic trapped behind the IOL with irrigation-aspiration to maximize posterior capsule-IOL surface contact.
- Confirm lens orientation after I&A and after wound closure to ensure that the AxisToric Foldable IOL is in proper axis.

STEPS	COHESIVE	DISPERSIVE

- If realignment is necessary, it should be done within the first two weeks after implantation, prior to IOL fixation.
- YAG-laser posterior capuslotomies should be delayed until at least 12 weeks after implantation.
- YAG power should be from 0.8mJ to 2.0mJ.
- **Warning:** Topography is recommended to find out the regular astigmatism, if irregular astigmatism found then avoid to implant Axis Toric Foldable IOLs.

Say goodbye to **Cataract** & **Astigmatism!**

Omni Revitalize the Vision

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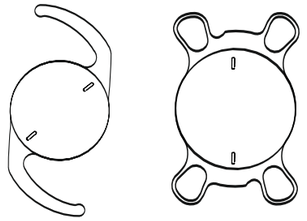
AXiS

The Premium Toric Foldable IOL with HD Platform



Available in Hybrid Acrylic Material

VISION

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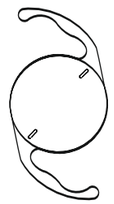

Available in Hydrophobic Material

Omni Revitalize the Vision
www.omnilens.in

ENGINEER THE **POWER** OF **CHANGE**

OPTIMIZING YOUR **SURGICAL RESULT**

OMNI Axis Toric Foldable IOL is a single piece lens designed to correct a wide range of astigmatic refractive errors after cataract removal. They incorporate a cylinder correction on aspheric optic to create a toric lens. The lens is available in a complete range of spherical power with cylindrical correction of 1.50 D to 6.00D to optimize postoperative outcome. The lenses are designed for implanatation in the capsular bag with the Aquaject delivery system following small incision surgery. This lens is manufactured from US FDA approved Acrylic Foldable material. It provides an optimized visual performance with greater acrylic properties with integrated anti-reflective layer, making it nearly identical to the natural crystalline lens. Till now over five million Acrylic Foldable IOLs have been implanted worldwide.

KEY BENEFITS INCLUDE:

- EXCEPTIONAL VISION PERFORMANCE
- SHARP VISUAL CLARITY AND IMPROVED CONTRAST SENSITIVITY
- POSTOPERATIVE QUIET EYE
- CONTROLLED DELIVERY & EASE OF POSITIONING
- UNCOMPROMISED ROTATIONAL STABILITY

Aspheric TORIC Foldable IOLs			
Material	Hybrid Acrylic (HEMA+EOEMA)	Hybrid Acrylic (HEMA+EOEMA)	Hydrophobic Acrylic
Optics Size	6.00mm, Natural Yellow	6.00mm, Natural Yellow	6.00mm, Natural Yellow
Optics Design	360 degree SQ. Edge	360 degree SQ. Edge	360 degree SQ. Edge
Overall Size	13.00mm	11.00mm	12.50mm
Loop Style	"L" Loop, 5 degree angulation	Quadra Loop, 5 degree angulation	"L" Loop, 5 degree angulation
ACD	5.08	5.08	5.55
Refractive Index @ 546nm Hydrated	1.462	1.462	1.484
Estimated A. Constant	118.4	118.4	119
Diopter Range	10.0 to 30.0 D (with 0.5 D Increment)	10.0 to 30.0 D (with 0.5 D Increment)	10.0 to 30.0 D (with 0.5 D Increment)
Sterilization	Steam Sterilization	Steam Sterilization	ETO Sterilization

All A. Constant & AC depths are estimated value and not based on clinical data

IDEAL PATIENT SELECTION
The Axis TORIC IOL is designed for those patients undergoing cataract surgery with 1.5 to 5.5 diopter of regular pre-existing astigmatism. That is, symmetrical, “bow tie” or “wedge” patterns as seen in the topography.

ACCURATE ASTIGMATIC MEASUREMENT
Measure preoperative astigmatism with keratomerty to determine the appropriate power to reduce postoperative refractive cylinder. Corneal topography and refraction should also be used to verify the steep cornea meridian.

ASTIGMATICALLY NEUTRAL SURGERY
The Aquaject delivery system can be used to insert the foldable lens through a small, suture less incision. Minimize surgically induced astigmatism so conrneal curvature does not change.

PRECISE IOL ALIGNMENT
Axis Toric IOL introductory package includes specially designed online software. The application creates a surgical worksheet that includes a patient's eye measurements, a list of suggested surgical powers and a clearly labeled orientation chart of the correct placement of the Axis TORIC IOL. To ensure the maximum correction of astigmatism, use the two marking indicating the axis of the cylindrical correction of the lens and align them with the steep corneal meridian.

PREDICATABLE, HIGH QUALITY OUTCOMES
At the corneal plane, the optics of the 1.50 D to 6.00 D lenses correct 1.00 D to 4.75 D of astigmatism respectively with proper implantation and orientation. The randomized, prospective, controlled clinical study conducted by AXIS has demonstrated that implantation of TORIC IOL associated with clinically significant reduction in cylinder as compared to implantation of a non-toric IOL.

AXIS TORIC IOL WEB BASED CALCULATOR
www.omnitoric.in

THE ART AND SCIENCE OF TRANSFORMING CATARACT SURGERY
Cataract surgery and IOL insertion are faster and safer than ever before. However, pre-existing astigmatism that is left uncorrected could negatively affect your patient's visually acuity.
Now, with the AXIS TORIC IOL you no longer need to alter corneal curvature to change pre-existing astigmatism. The AXIS TORIC IOL is designed to delivery unsurpassed vision of your cataract patients in a single refractive procedure. This innovation lens incorporates a toric optic that enables you to correct pre-existing astigmatism through less than 2.2mm small incision.

FORMULA FOR SUCCESS WITH THE AXIS TORIC IOL
The AXIS TORIC IOL is an implantation advance in cataract surgery. For the first time, you can correct your patient's pre-existing astigmatism in a single small-incision procedure. Being integrating the TORIC IOL into your practice with the following steps:

1 Injection Technique - Gain experience with the Aqujaject delivery system.
2 Quantify SIA with OMNI TORIC Calculator.
3 Obtain accurate preoperative astigmatic measurements.
4 Place lens in a capsular bag and precisely orient.
5 Confirm your surgical result with postoperative refraction.
6. Visit www.omnitoric.in, for calculation.

CLYINDER POWER OPTIONS

	Cylinder Power	
Model	At IOL Plane	At Corneal Plane
OMNI T3	1.5D	1.03D
OMNI T4	2.25D	1.55D
OMNI T5	3.0D	2.06D
OMNI T6	3.75D	2.58D
OMNI T7	4.50D	3.09D
OMNI T8	5.25D	3.61D
OMNI T9	6.0D	4.12D