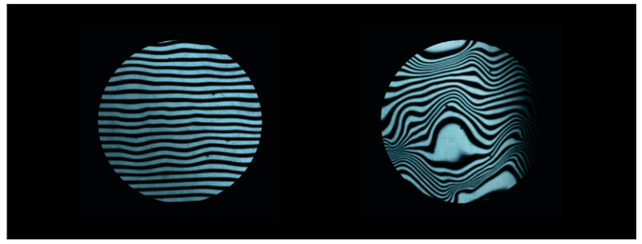
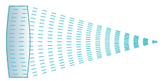
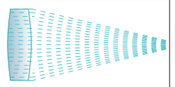
Zero aberration polish free lens surface



Comfort Toric is manufactured by using high precision machines by Sterling with a cutting accuracy of 0.0001 microns which ensures zero aberration polish-free surfaces. Comfort Toric provides blur-free sharp image quality. These lenses enhance contrast sensitivity along with high resolution and high- definition optics.

Aberration free IOLs- Advanced optics

Spherical Aberration		
S.A.>0 "Undercorrected"	S.A.=0 "Aberration-Free"	S.A.<0 "Overcorrected"
		
Typical Cornea Standard IOL	Advanced Adtec Standard IOL	Other IOL

In order to improve retinal image quality without compromising the depth of field or introducing other aberrations, AOS introduced aberration-free double aspheric IOL, which provides better optical performance.

Modulation Transfer Function- Best Contrast

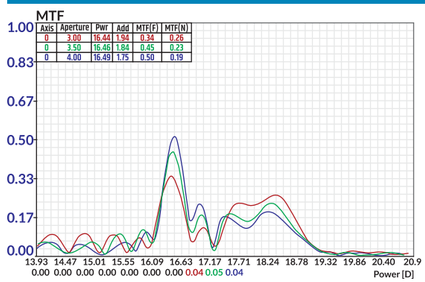


Image quality is of utmost importance for a patient`s satisfaction. Modulation transfer function relates with contrast sensitivity of lens system. The M.T.F. curves of Comfort Toric do not support precipitous drop between peaks, and therefore, demonstrate better performance at Different focal lengths. Comfort Toric provides better contrast sensitivity in both photopic and mesopic conditions.

Patient Selection for Comfort Toric

A) Normal Pupil Size:

A preoperative photopic pupil greater than 3.00 mm in size is considered a required indication for Comfort Toric.

B) Post Operative Refractive Target:

With Comfort Toric, the target should be exactly zero (Plano) or nearest hyperopic choice to zero.

C) Post Operative Refraction:

Subjective refraction is Valid and more reliable procedure than Autorefractor in Comfort Toric.

ADAPTIVE Ocular Sciences

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Comfort Toric

with Adtec lock® haptic

Easy Solution for Presbyopia & Astigmatism

COMFORT TORIC - An extended depth of focus lens with most reliable correction of astigmatism.

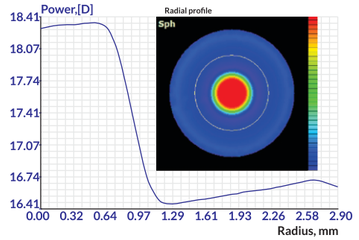
Comfort Toric

with Adtec lock® haptic

THE EASY SOLUTION FOR PRESBYOPIA AND ASTIGMATISM

Natural Increased Range of Vision

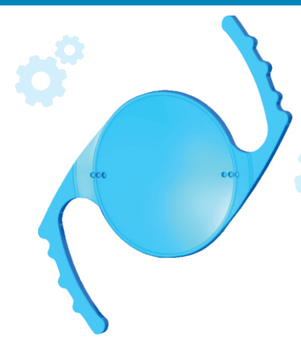
Comfort Toric provides excellent distance vision with enhanced intermediate vision. This lens is designed for cataract patients who want greater spectacles independence in everyday situations.



Treat Astigmatism with accuracy, consistency and stability

Comfort Toric is manufactured on nanoform machine for accurate spherical and cylindrical power with the perfect axis.

Our unique Adtec lock haptic design® ensures auto-centering of the lens and stability in the capsular bag. It addresses the major issue of lens post-op rotation. This unique design gives supreme rotational stability ensuring predictable outcomes.



Comfort Toric

MODEL	MATERIAL	TECHNOLOGY	OPTIC SIZE	LENGTH	A-CONSTANT		ABBE NUMBER	REFRACTIVE INDEX WET	SP. POWER	CYL. POWER
					SRKT - OP	SRKT - US				
AOS 47 T	CLEAR, HYBRID	DOUBLE ASPHERIC, GLISTERING FREE	6.00 mm	13.00 mm	118.5	118.2	57	1.465	+10.00 to 25.00 (0.50 D increments)	1.00 to 7.00 (0.50 D increments)

Comfort Toric (TEDOF)

Glistening free IOLs- Optimally Pre-hydrated

With the increase in glistening density, the light scattering increases and MTF decreases. Comfort Toric is optimally pre-hydrated IOLs through equilibrium water content that stabilizes the lens, once implanted in the eye, against temperature and environmental changes.
The mean value of Comfort Toric on the Miyata scale is zero, which exhibits high resistance to microvacuole formation.

Best solution for Dysphotopsia: Minimum glare or halos, minimum optical side effect

Comfort Toric (T-EDOF)

Traditional IOL

Comfort Toric is designed with advanced applied optical engineering with virtually no step or diffractive rings to minimize Dysphotopsia, including its variants like Halo, glare, and starburst due to scattered light.

The advance lens edge design of Comfort Toric minimizes the problem of reflected night time glare.

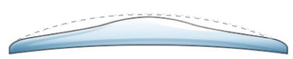
Double Aspheric IOLs : Thinner with less distortions

Comfort Toric has an aspheric surface on both anterior and posterior sides. The double aspherical design uses two independent aspherical surfaces and provides sharp and comfortable vision even on the edges of the lenses.

Double aspherical lenses are proved to offer the highest visual comfort and smallest image distortion, even at higher spherical and cylindrical powers.

SPHERIC

ASPHERIC



DOUBLE ASPHERIC