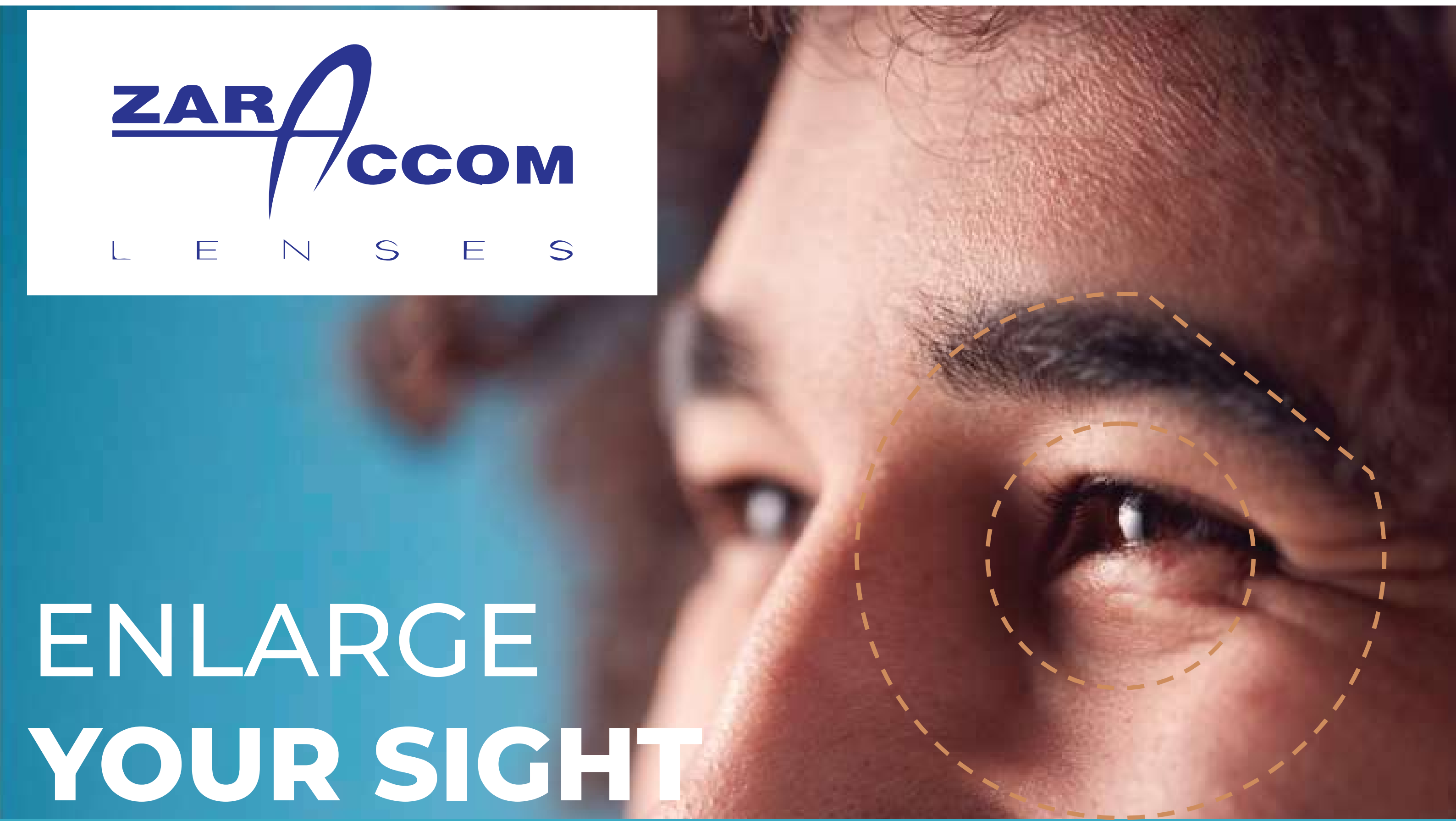
ZARACCOM
LENSES



ENLARGE
YOUR SIGHT

IMPLANTED **6 MILLION +** Since 2003
Presence in 80 Regions

Premium IOLs,
Unique Hydrophobic Raw Material, Glistening Free

2003
Company Established

2003
RD Studies With TUBITAK

2005
CE Mark

2006
1st International sale

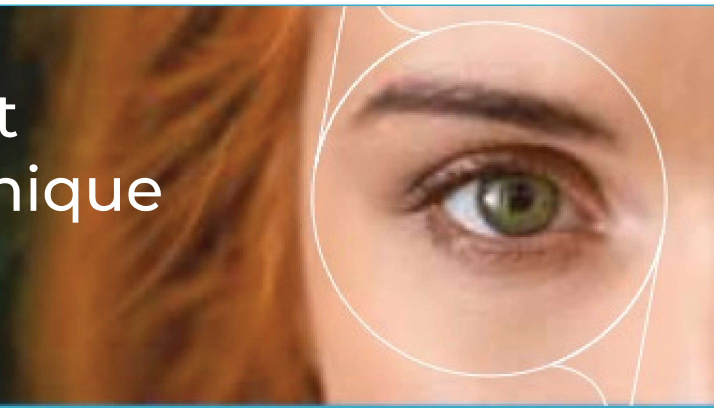
2010
Multifocal IOLs

2014
Contract Manufacturing Top US Surgical Companies

2019
Technology Transfer

2020
Preloaded IOLs

Coming Soon................EDOF



Premium IOLs; State Of Art Production Process and Unique Hydrophobic Raw Material

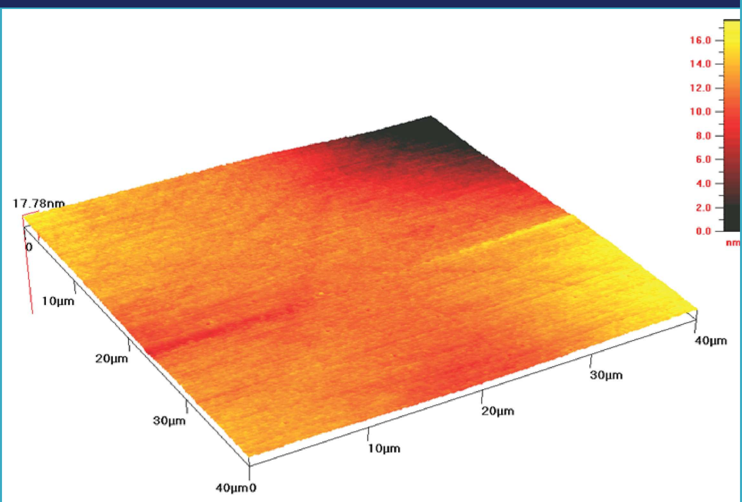
Frontal UV Curing Photopolymerization

- Polymerization happens in the presence of UV light so that material gets the inherent property of UV protection unlike other IoLs
- The surface is smooth so less proliferation of cell migration, hence better PCO prevention
- The glass transition temperature is -35 degrees helps in smooth unfolding

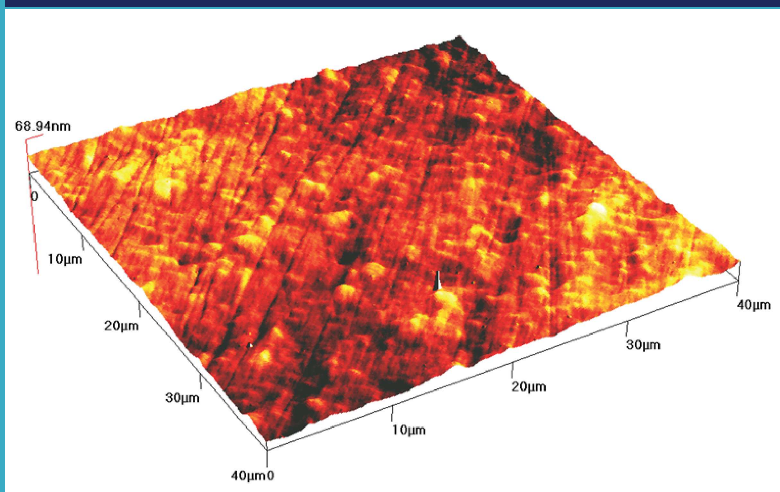
An innovative way for producing polymer optics

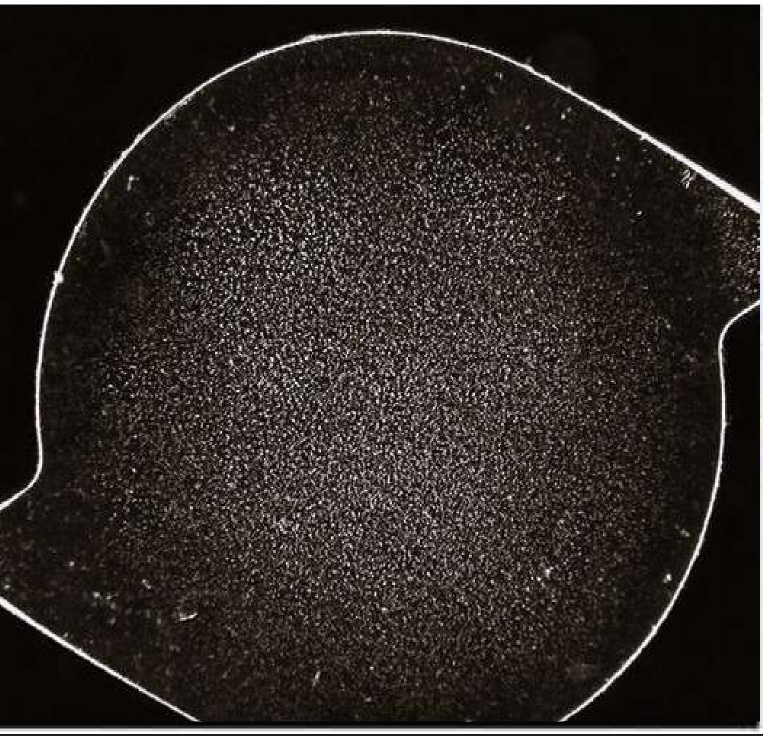
- ❖ Liquid hydrophobic material exposed in two optical molds and applying UV rays.
- ❖ Lenses are produced by frontal UV curing technology and do not need any external processes such as polishing or varnishing for obtaining surface smoothness.
- ❖ Lenses manufactured with photopolymerization technology have three times better surface quality compared to lenses manufactured through lathe cut

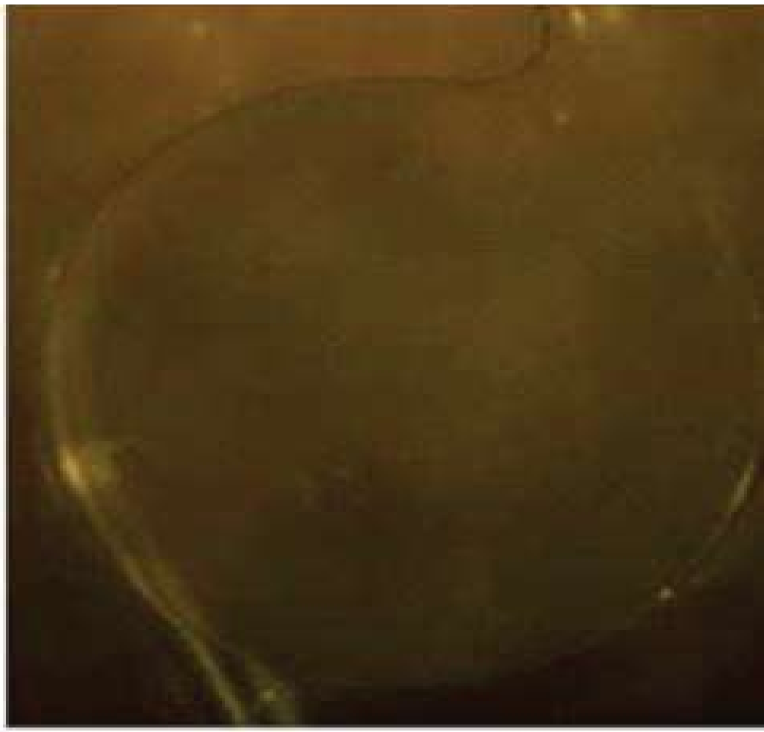
UV CURING



CNC LATHING







1. Biocompatibility of Zaraccom lenses test report according to ISO-10993.

2. Glistening study test report is available and the material is called a "Glistening Free" product

Glistening Free

The unique composition of Zaraccom IOL raw material allows uniform hydration of specific sites to have controlled water uptake and resistance to glistening formation.

Biocompatibility

Fully biocompatible Zaraccom lenses raw material exhibits the following features: Elicits no foreign body reactions, accepted by the surrounding tissues, has good compatibility with capsular bag, and provides satisfactory visual outcomes over the lifetime of the patient.

L –LOOP-Design

L-Loop Advantages :
• 6.0 mm arc length contact area at capsular bag fornix
Larger area of friction, hence better rotational stability.

Modified C-Loop :
• Only loop tip is in contact at capsular bag fornix
• Small area of friction, hence lesser rotational stability.

The degree of anterior capsule contraction and IOL decentration in modified L-haptic IOLs was less than those in modified C-haptic IOLs and comparable to those in plate-haptic IOLs. Journal List > Korean J Ophthalmol > v.31(1) > 1025358

Modified L- Haptics provide superior axial and rotational stability.

Zaraccom Hydrophobic Acrylic Material

PROPERTIES	VALUES
REFRACTIVE INDEX DRY (21°C)	1.51
ABBE NUMBER (35°C)	40
WATER CONTENT BY WEIGHT	<0.5 %
MONOMER RESIDUALS	0.0 % with soxhlet extraction process (done in customer site)**
10% UV CUT-OFF WAVELENGTH	379 nm
UV TRANSMISSION (300-380 nm)	0.5 %
ISIBLE TRANSMISSION (380-800 nm)	>96 %

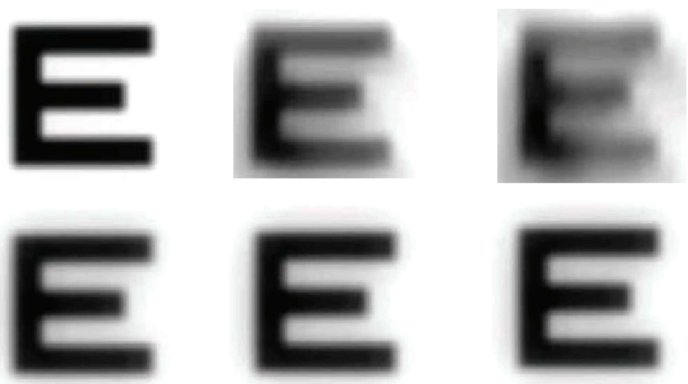
- ✓ 100% Hydrophobic
- ✓ Enhanced Contrast-sensitivity
- ✓ The higher the Abbe number, the less chromatic aberration, which results in better retinal image quality
- ✓ Optimum refractive index(1.51) ensures minimal glare and halos, thus providing better contrast and visual acuity.
- ✓ 360-degree, square-edge design for decreasing PCO rate

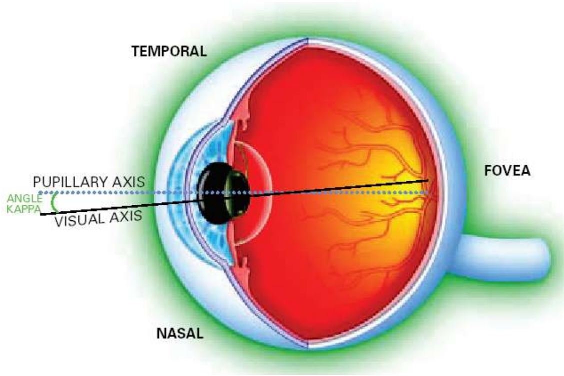
Zero-Aberration Aspheric Optic

Uniform power from the center to the periphery

- ✓ Suitable for patients regardless of their corneal shape
- ✓ No introduction of higher-order aberrations, if decentration occurs.
- ✓ Power not affected by pupil size, location. decentration

	Centered to visual axis	0.5 mm off visual axis	1.0 mm off visual axis
Aspheric Aberrated Lens			
Zaraccom Zero Aberrated Lens			



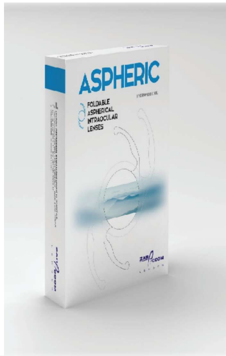


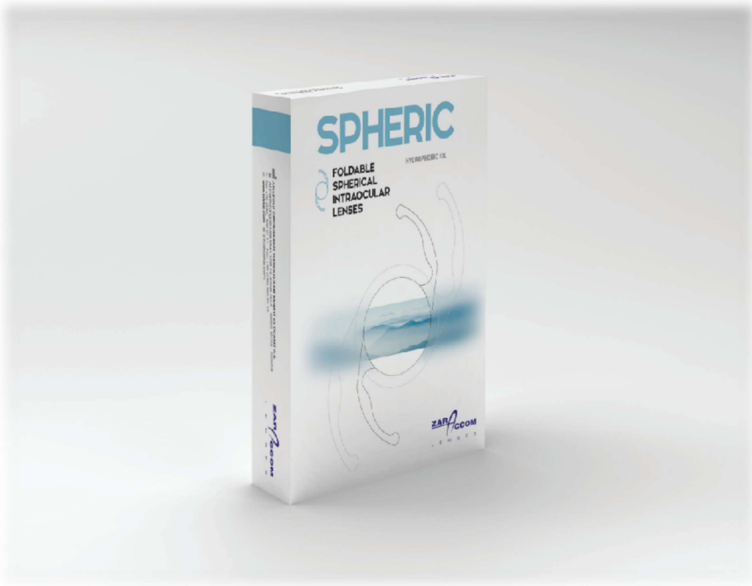
- ❖ **Optical components of the eye don't align!**
- ❖ Even an IOL perfectly centered in the capsular bag or pupil center is likely misaligned with the visual axis

Refractive Index 1.51

IOLs with a high RI are associated with external surface reflections that are more than three-fold higher than those with a lower RI. The "cat's eye" phenomenon is seen.

Model Name	AS60125P/AS60130P
IOL Design	Aspheric single piece for posterior capsular bag
Material	Glistening Free, Hydrophobic Acrylic with UV absorber
Optic Diameter	6.0 mm
Overall Length	13.00 mm
Haptic Angle	0°
Diopter Range	+5D to 30D, 0.5D increment from 5D to 30D
Refractive Index	1.51
Spherical Aberration (SA)	Aberration free design
Material Water Content	<1 %
Sterilization	ETO
A constant	118.4
ACD	5.2
Type of Delivery System	Single-use fully preloaded IOL with injection system
Incision Size	2.2 mm
Shelf Life	5 Years





MEDINOVATION
VISION

Innovative care to see better

Medinovation Vision Pvt Ltd.
Ground Floor, A Wing-Shop No. 18
Shiv Surabhi Apartment Jival Pada
Thakur Village, Kandivali East
Mumbai, Maharashtra, 400101

ZARACCOM LENSES	SRK/T A	SRK II A	Hoffer Q	Holladay	Haigis			Ultrasound	Barrett LF
			pACD	SF	A0	A1	A2		
	Measured	Ekstrapolated							
ZARACCOM ASPHERIC PRELOADED-Model No. AS60130P	119.3	119.8	5.72	1.97	1.56	0.4	0.1	118.4	2.04
ZARACCOM ASPHERIC-Model No. AS60130	119.3	119.8	5.72	1.97	1.56	0.4	0.1	118.4	2.04
ZARACOM SPHERICAL-Model No. UF60130	119.2	119.7	5.72	1.97	1.56	0.4	0.1	118.4	1.99
ZARACOM MULTIFOCAL	118.7	119.1	5.45	1.66	1.26	0.4	0.1	118.4	1.73