EyeCee® ONE

Hydrophobic Soft acrylic Pre-loaded IOL

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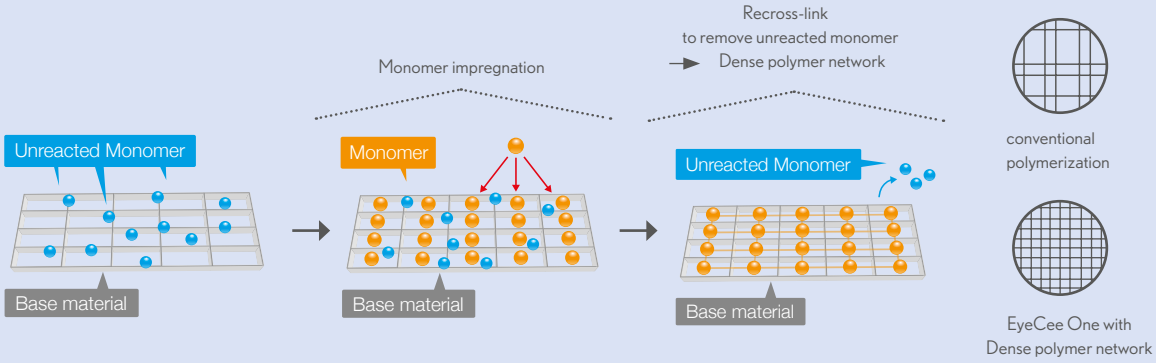
ENDURING RELIABILITY

SAFE AND STABLE MATERIAL

Dense polymer network

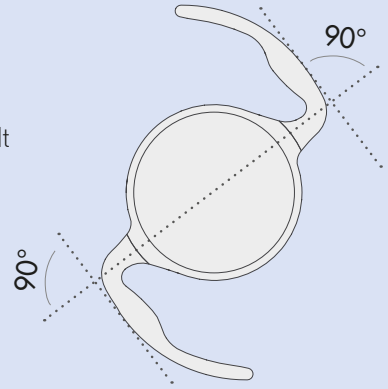
- Guarantees long-term stability after implantation [1]
- No microvacuoles



STABLE REFRACTIVE RESULTS

90° anchor-wing haptics

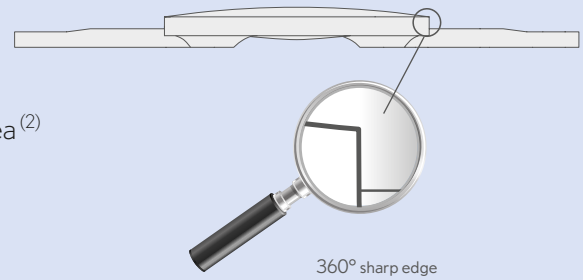
- Minimizes IOL movement towards the retina and axis tilt
- Maximal capsule contact for stable IOL fixation in the capsular bag
- Optimal balance of capsular bag contractions



REDUCED RISK OF PCO

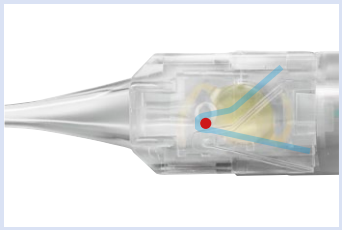
360° sharp edge feature

- Stops epithelial cell migration into the optic area [2]
- Designed for sufficient capsular fusion



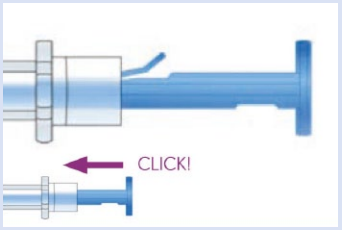
EASY USE OF THE EYECEE ONE PRELOADED SYSTEM

1



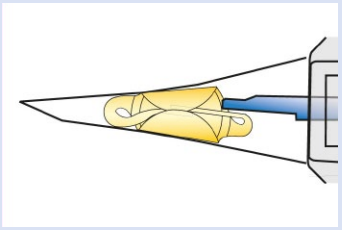
Inject a low viscosity OVD into the designated opening.

2



Advance the plunger slowly until it clicks.

3



Inject the lens.

CREATED FOR OPTIMAL VISION

Aberration control

EyeCee One features an aspheric optic design to correct spherical aberrations. Negative aspheric characteristic of the IOL compensates spherical aberrations induced by the cornea and guarantees optimal contrast sensitivity and maximum depth of focus. This feature is significant for low light conditions and leads to an improved vision during night (e.g. car driving).

Glare-free vision
Sand-blasted-like edge surface

- Reduced edge glare and stray light [3]
- Guarentees optimal vision, especially under scotopic conditions

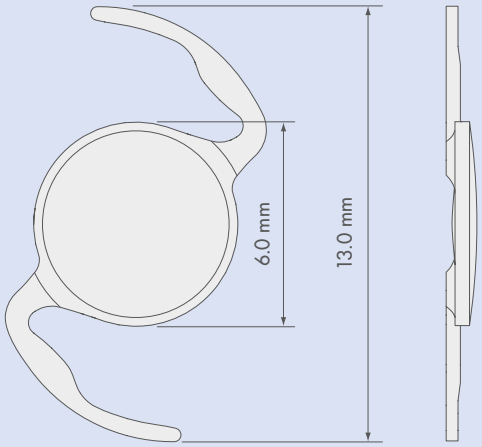
aberration uncorrected vision with conventional IOLs

aberration corrected vision with EyeCee One

SPECIFICATIONS

ASPHERIC OPTIC

Material:	Hydrophobic soft acrylic
Overall Diameter:	13.0 mm
Optic Diameter:	6.00 mm
Haptic Angle:	0°
Incision size:	2.2 - 2.4 mm
Filter:	UV and Blue Light Filter
Diopter Range: (Pre-Loaded)	11.0 to 27.0 D (0.5 D increments) 27.0 to 30.0 D (1.0 D increments)
Diopter Range: (Non Pre-Loaden)	1.0 to 10.0 D (1.0 D increments) 10.0 to 27.0 D (0.5 D increments) 27.0 to 30.0 D (1.0 D increments)
Refractive Index:	1.52



A-CONSTANTS (OPTICAL BIOMETRY)

Nominal	Haigis	HofferQ	Holladay 1	SRK/T
A=119.1	a0=1.61 a1=0.40 a2=0.10	pACD=5.81	sf=2.03	A=119.3

A-CONSTANT (US-BIOMETRY)

SRK T
A=118.4

Note: Constants are estimates only. It is recommended that each surgeon developes his/her own values.

1. Kawai, Accelerated Degradation Tests of Acrylic Lenses in Relation to Long-Term Prognosis After Intraocular Lens Insertion, IOVS, Arvo May 2006, Vol.47, 618
2. Nishi, Effect of intraocular lenses on preventing posterior capsule opacification: design versus material. J Cataract Refract Surg. 2004;30(10):2170-2176
3. Meacock, The effect of texturing the intraocular lens edge on postoperative glare symptoms. Arch Ophthalmol. 2002;120:1294-1298

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