

**EVO Visian ICL family of lenses (“EVO”)\* are indicated for use in phakic eye treatment in patients 21–45 years of age who meet the criteria listed below:**

- Correction or reduction of myopia with or without astigmatism with spherical power ranging from -3.0 D to -20.0 D and cylinder power from 1.0 to 4.0 D at the spectacle plane
- With an anterior chamber depth (ACD) equal to or greater than 3.00 mm, as measured from the corneal endothelium to the anterior lens capsule
- Stable refractive history (within 0.5 D one year prior to implantation)

**EVO candidates may include:**

- Myopes starting as low as -3.0 D through to -20.0 D
- Patients being considered for laser vision correction procedures
- Patients with thinner corneas<sup>1</sup>
- Patients with dry eye risk factors<sup>2</sup>
- Patients whose corneal topography is less suited for laser vision correction

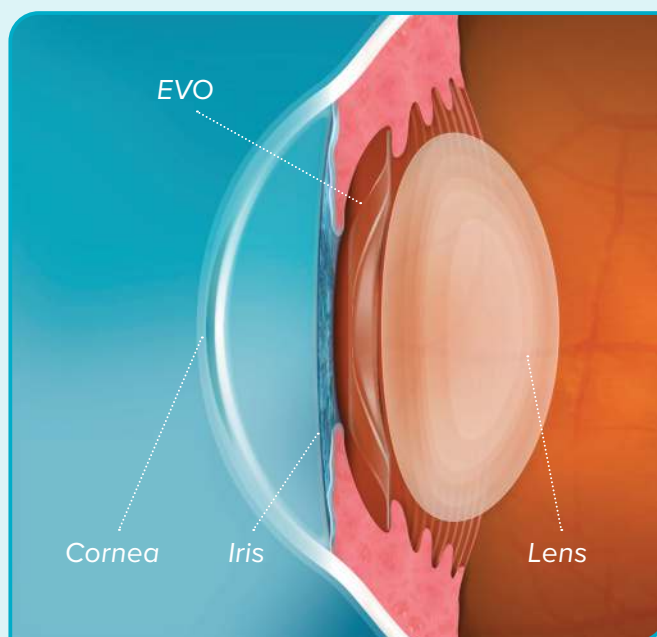
**Patients NOT suitable for EVO include those:**

- With an ACD of < 3.00 mm
- With anterior chamber angle < Grade III as determined by gonioscopic examination
- Who are pregnant or nursing
- Who are less than 21 years of age
- Who do not meet the minimum endothelial cell density

\*EVO Visian ICL family of lenses include EVO Visian ICL, EVO+ Visian ICL, EVO Visian Toric ICL, EVO+ Visian Toric ICL

## HOW DOES IT WORK?

- EVO is placed directly behind the iris and in front of the natural crystalline lens. In this position, EVO helps the eye to focus light properly onto the retina to create clear distance vision. The addition of the central port to EVO facilitates the flow of aqueous humor through the lenses, eliminating the need for peripheral iridotomies (PIs) prior to implantation.



## BENEFITS



Made with Collamer®  
biocompatible material that works  
in harmony with the natural eye



Does not induce  
dry eye syndrome<sup>2</sup>



Permanent yet removable,  
if necessary



Excellent vision  
day and night<sup>3,4</sup>

**99.4%**

of patients would have  
the procedure again<sup>5</sup>



UV  
protection

# PREOPERATIVE INFORMATION

## PATIENT WORK UP

- A standard, full ophthalmic exam should be performed
  - Measurements needed for performing EVO calculations in the Online Calculation and Ordering System (OCOS)
- Screenshot of OCOS data entry tab shown to the right*

## MEASUREMENTS RECOMMENDED FOR PATIENT ASSESSMENT AND RECORDS

- Corneal Endothelial Cell Density (ECD) assessment
- Gonioscopic assessment of the angle, Grade III or higher
- Axial length
- Accurate and stable refraction

- Back vertex distance
- Manifest and/or cycloplegic refraction
- Keratometry
- True anterior chamber depth\*
- Corneal thickness
- White to white
- Contact lens over refraction sphere (optional)

Calculate For	<input type="radio"/> ICL <input checked="" type="radio"/> Toric ICL	
Patient ID	EVPATIENT005	
Operative Eye	<input checked="" type="radio"/> OD <input type="radio"/> OS	
DOB	1995.01.01	
BVD	12	
Sphere	-5.50	
Cylinder	+2.00	
Axis	90	
	Power	Degrees
K1	42	@ 0
K2	44	@ 90
True ACD	3.0	
CT	0.5	
WW	11.8	
CL Sphere	0	

\*True ACD does not include Corneal Thickness

# POSTOPERATIVE INFORMATION

## RECOMMENDED PATIENT POSTOPERATIVE ASSESSMENT<sup>6</sup>

Postoperative same day,\* 1 day, 7 day and beyond

- Visual acuity
- Intraocular pressure\*
- Assess the ICL to crystalline lens vault
- Biomicroscopy to assess
  - EVO centration
  - Inflammation

## MEASURING THE VAULT

Although the postoperative vault of EVO is intended to be approximately equal to the central corneal thickness, the optimal vault should be between 50% and 150% of central corneal thickness, this being equivalent to a range of 250 to 900 microns. However, in the absence of symptoms, lens vault outside this range may not necessarily require exchange or removal.



NORMAL VAULT



SHALLOW VAULT



HIGH VAULT

## EVO models available:

Models	Spherical Power (D)	Cylindrical Power (D) (For EVO/EVO+ Toric)	Overall Diameters (mm)
EVO+	-3.0 to -14.0	1.0 to 4.0	12.1
	-3.5 to -14.0** (EVO+ Toric)		12.6
EVO	-14.5 to -16.0		13.2
	-14.5 to -18.0** (EVO Toric)		13.7

\*\*Product is unavailable if Spherical Equivalent (SEQ) is outside the -3.0 D to -16.0 D range

Spherical and Cylindrical Powers available in 0.5 D steps

The EVO+ model offers an increase in optic diameter of 0.1 mm to 0.5 mm larger than the available EVO model

## References:

1. Parkhurst GD, Psolka M, Kezirian GM. Phakic intraocular lens implantation in United States military warfighters: a retrospective analysis of early clinical outcomes of the Visian ICL. *Journal of refractive surgery* (Thorofare, NJ : 1995). 2011;27(7):473-81.
2. Naves, J, Carracedo, G, Cacho-Babillo, I. Diadenosine Nucleotide Measurements as Dry-Eye Score in Patients After LASIK and ICL Surgery. Presented at American Society of Cataract and Refractive Surgery (ASCRS) 2012.
3. Parkhurst GD. A prospective comparison of phakic collamer lenses and wavefront-optimized laser-assisted in situ keratomileusis for correction of myopia. *Clinical ophthalmology* (Auckland, NZ). 2016;10:1209-15.
4. Martínez-Plazas E, López-Miguel A, López-De La Rosa A, et al. Effect of the EVO+ Visian Phakic Implantable Collamer Lens on Visual Performance and Quality of Vision and Life. *Am J Ophthalmol* 2021;226: 117-125.
5. Packer M. The Implantable Collamer Lens with a central port: review of the literature. *Clinical ophthalmology* (Auckland, NZ). 2018;12:2427-38.
6. Chuck RS, Jacobs DS, Lee JK, Afshari NA, Vitale S, Shen TT, et al. Refractive Errors & Refractive Surgery Preferred Practice Pattern®. *Ophthalmology*. 2018;125(1):P1-p104.

## Important Safety Information for the Visian ICL Product Family:

The EVO Visian ICL is indicated for phakic patients 21-45 years of age to correct/reduce myopia with up to 4.00 D of astigmatism with a spherical equivalent ranging from -3.00 to -20.0 D and with an anterior chamber depth (ACD) 3.0 mm or greater. The EVO Visian ICL is contraindicated in patients with a true ACD of <3.00mm; with anterior chamber angle less than Grade III; who are pregnant or nursing; less than 21 years of age; and who do not meet the minimum endothelial cell density (ECD) listed in the Directions For Use (DFU). A summary of the relevant warnings, precautions and side effects: Endothelial cell loss, corneal edema, cataract, narrowing of the anterior chamber angle, pupillary block, increased intraocular pressure, glaucoma, secondary surgery to reposition, replace or remove the ICL, loss of BSCVA, increase in refractive astigmatism, glare and/or halos, pigment dispersion, iris transillumination defects, endophthalmitis, hypopyon, corneal endothelial damage, ICL dislocation, cystoid macular edema, iritis, retinal detachment, vitritis, and iris prolapse. Please review the DFU for complete safety and other information before performing the clinical procedure.

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