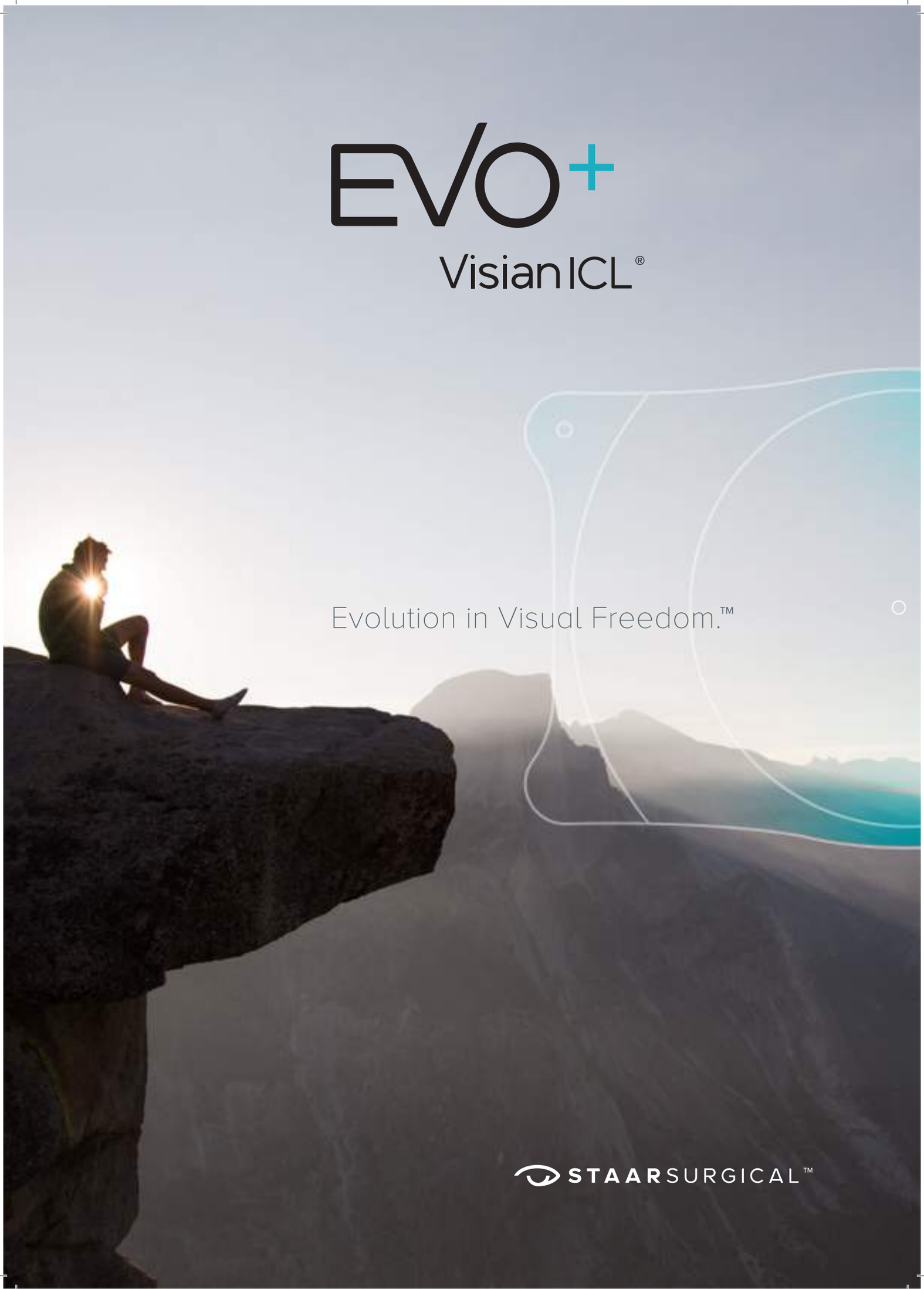
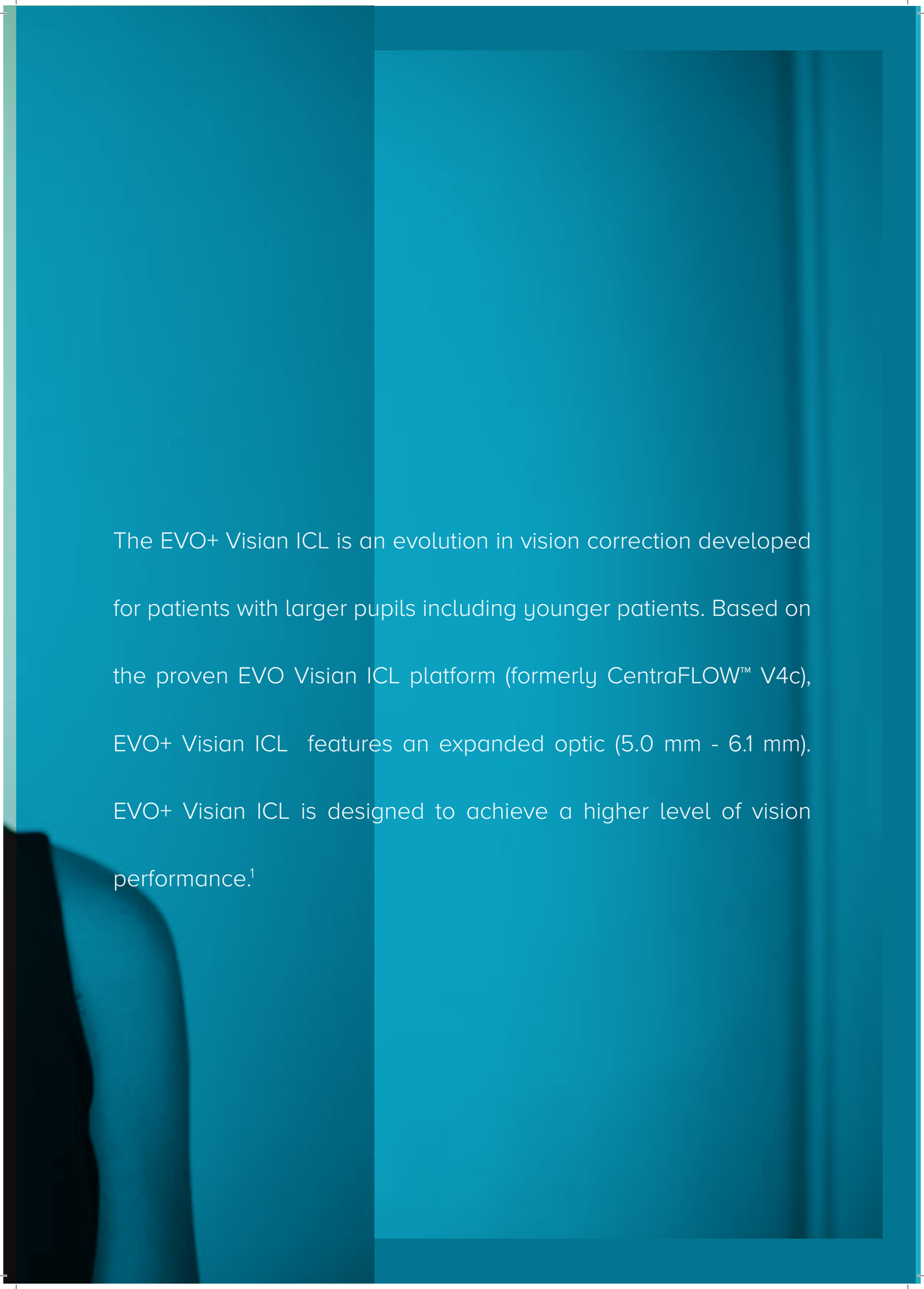
EVO+

Visian ICL®



Evolution in Visual Freedom.™

STAARSURGICAL™

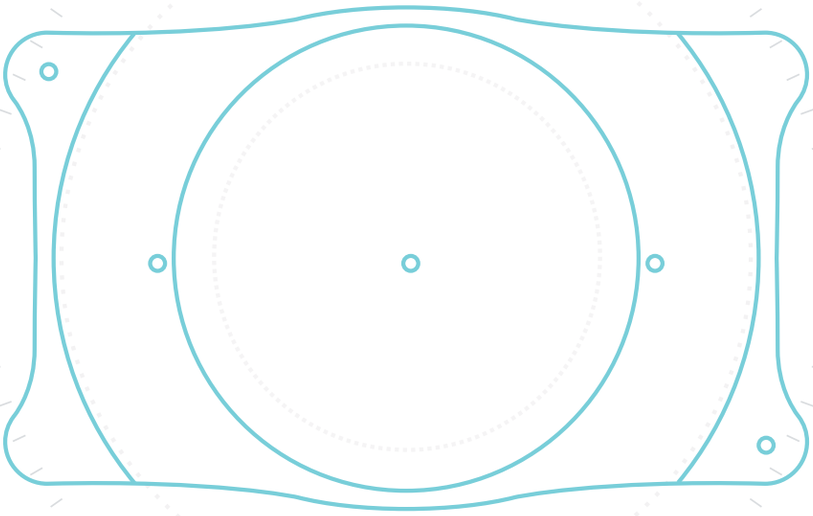


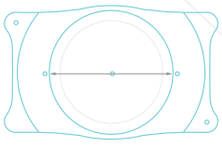
The EVO+ Visian ICL is an evolution in vision correction developed for patients with larger pupils including younger patients. Based on the proven EVO Visian ICL platform (formerly CentraFLOW™ V4c), EVO+ Visian ICL features an expanded optic (5.0 mm - 6.1 mm). EVO+ Visian ICL is designed to achieve a higher level of vision performance.[1]

EVO+ Visian ICL® Optics

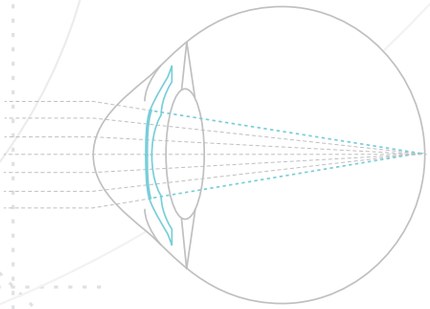
The new EVO+ Visian ICL™ Expanded Optical Zone Optic is an evolution in vision correction.

Expanded Optical Zone Optic
Larger True Optical Zone





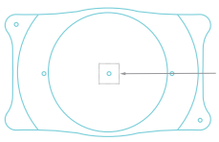
- EVO+'s larger optical zone may provide benefit to patients with expanded pupils (such as night driving)[1]



- May reduce risk of halos and glare[1]
- Available from -0.5 D to -14.0 D

Aqueous Flow Through Central Port

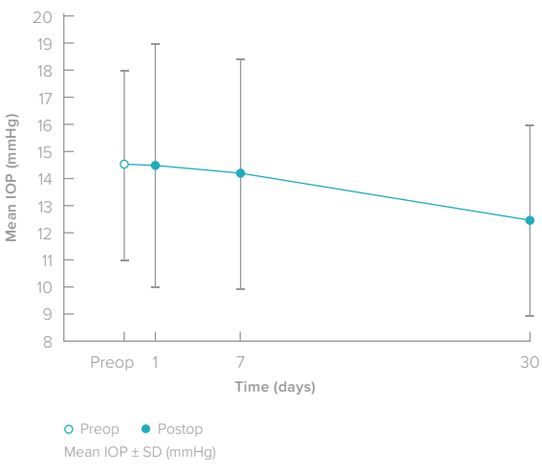
Eliminates PIs and restores a more natural aqueous flow[2]



- Eliminates the need for PIs; increasing the efficiency for both the surgeon and patient[2]
- Enhanced convenience and comfort for the patient
- Restores a more natural aqueous flow[2]
- Facilitates OVD removal
- Superb quality of vision[3]

IOP Stability[3]

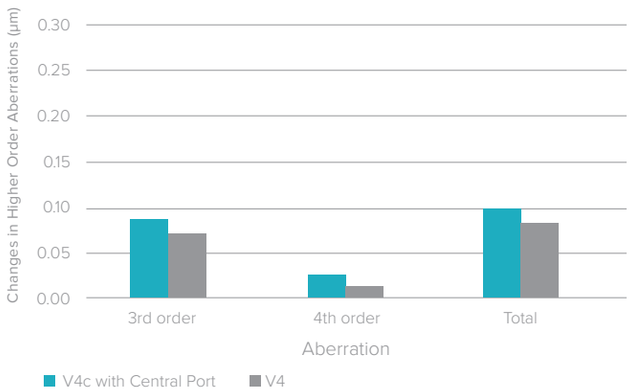
No significant changes in IOP overtime were detected after implantation



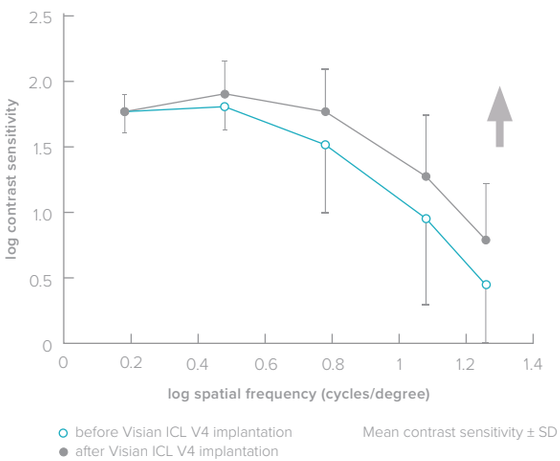
Superb Quality of Vision[4]

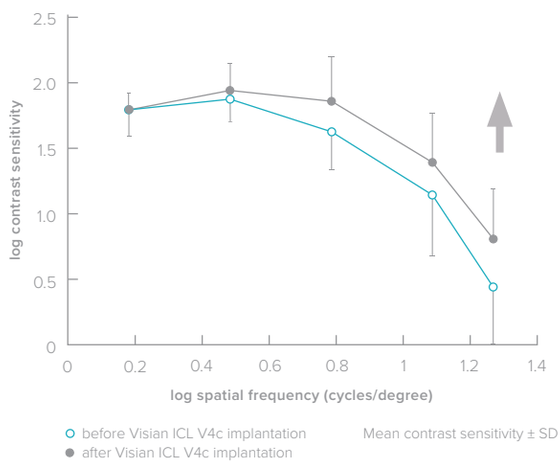
Very low induction of higher order aberrations[4]

Change in HOAs 6 mm Pupil



Significant increase in contrast sensitivity with the Vision ICL and Vision ICL V4c with Central Port[4]



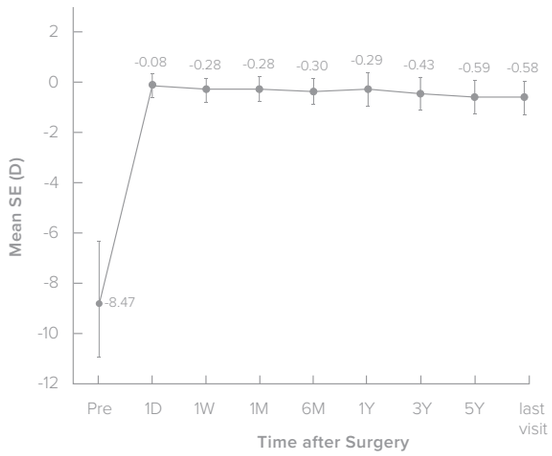


Proven Long Term Results

For more than 20 years, the Visian ICL family has continued to provide exceptional vision with more than 550,000 lenses implanted worldwide.*

Stability

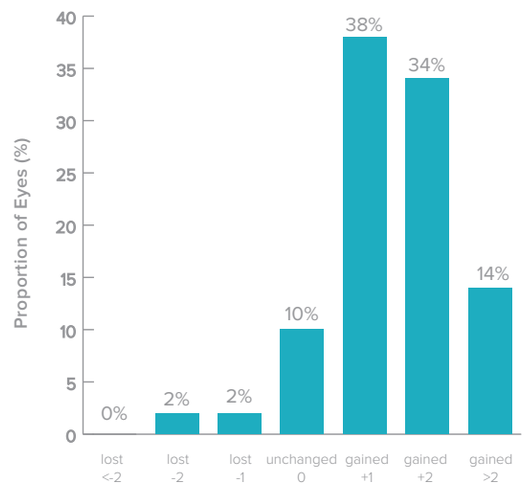
Time course of spherical equivalent up to 9 years postop Visian ICL[5]



- High levels of predictability were achieved early after surgery and maintained nine years postop

Safety

Change in CDVA (lines) 5 Years Post-op with the Visian ICL[6]



- 96% of eyes achieved the same or better UDVA as their preoperative CDVA

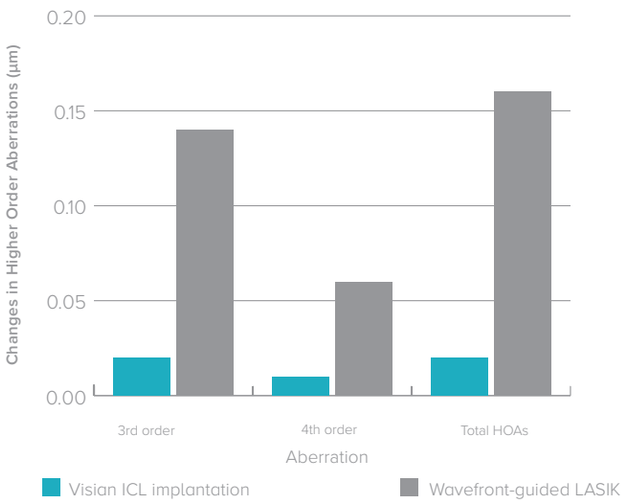
* Data as of December 2015

Exceptional Vision Quality

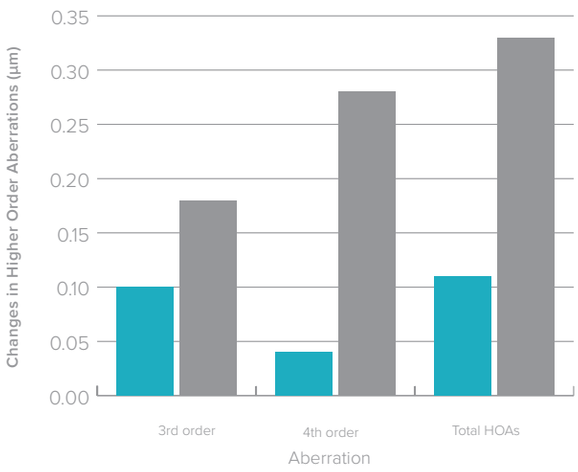
Visian ICL advanced lens technology with a unique lens material provides a superior vision performance.[7]

Visual Performance of the Visian ICL versus Wavefront-Guided LASIK for Low to Moderate Myopia[7]

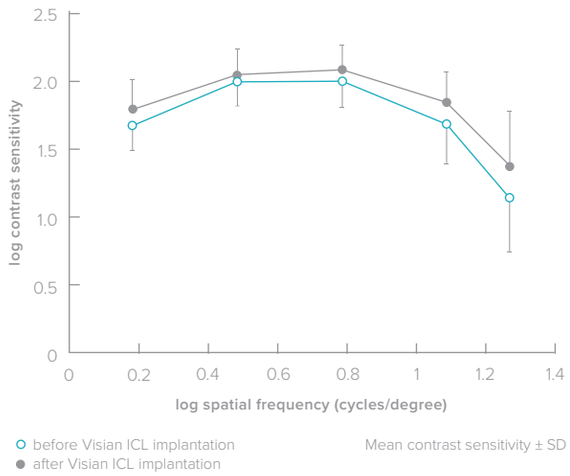
Change in HOAs 4 mm Pupil

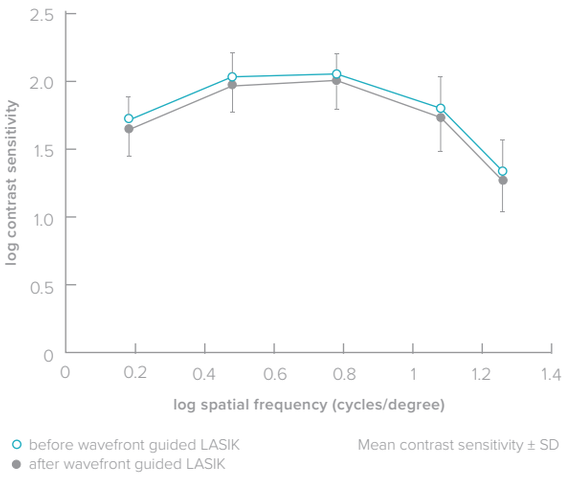


Change in HOAs 6 mm Pupil



Visian ICL induces significantly fewer higher order aberrations than wavefront-guided LASIK[7]



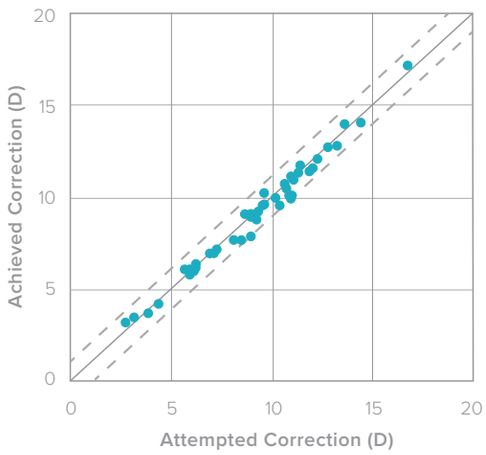


Vision ICL outperforms wavefront-guided LASIK delivering improved contrast sensitivity[7]

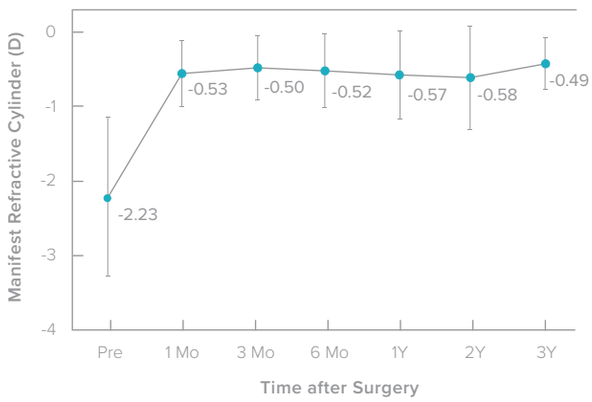
Proven Predictability and Stability of the Visian Toric ICL

Clinical studies have shown the Visian Toric ICL has excellent predictability and stability for the correction of moderate to high myopic astigmatism[8]

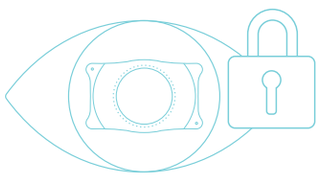
Predictability – Manifest refraction spherical equivalent (MRSE) attempted versus achieved correction with the Visian Toric ICL[8]



Stability – Time course of manifest refractive cylinder after Visian Toric ICL implantation[8]



- 82% of eyes were within 0.5 D of expected MRSE
- 98% of eyes were within 1.0 D of expected MRSE (indicated)



Excellent Rotational Stability for Precise Astigmatism Correction

- 92% of eyes implanted with the Visian Toric ICL had a change in axis of ≤10° [9]
- 87% of eyes implanted with the Visian Toric ICL had a change in axis of ≤5° [9]
- Only one eye (0.47%) needed to be repositioned due to misalignment[9]

Designed to Satisfy Patients

Preserving the integrity of the cornea provides advantages today and for the future.

Treatment options for the future

- The Visian ICL is an additive procedure that can easily be removed. There is no permanent removal of corneal tissue
- More accurate biometry may be achieved because the Visian ICL does not remove corneal tissue. This may result in more predictable future IOL calculations which may potentially avoid refractive surprises[10]
- The Visian ICL refractive procedure allows for future surgical interventions including corneal based treatments

Placement is safe and discreet

- The lens is positioned for stability in the sulcus, behind the iris and in front of the crystalline lens
- The placement of the Visian ICL provides a safe distance beween the corneal endothelium and the lens

Exceptional patient satisfaction rate that's over 99%[11]

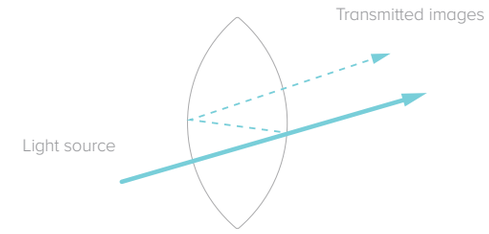
- Short procedure time in an outpatient setting, small incision and sutureless surgery, a "WOW" factor of vision, no induction of dry eye[12] and quick patient recovery create an exceptional patient experience
- High patient satisfaction leads to a high patient referral potential. New patient referrals are the number one practice building method

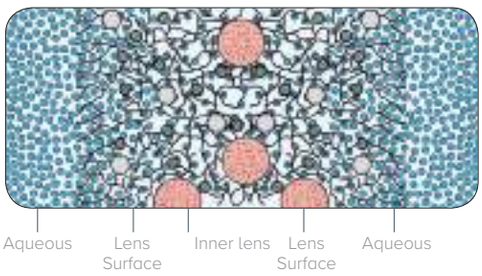
Higher Satisfaction Rates for Phakic IOLs versus LASIK[13]

- In a recent study comparing excimer laser refractive surgery versus phakic intraocular lenses, phakic IOLs scored more highly on the patient satisfaction preference questionaire[13]

A Proven Visual Performance[14,15]

A proprietary lens material composition of collagen and co-polymer–setting a new standard in IOLs.



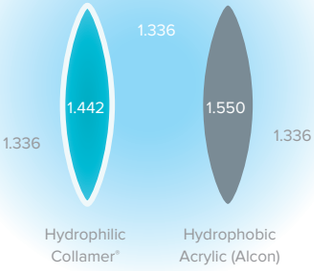


Hydrophilic Collamer® Features Anti-Reflectance Properties[18]

- The risk of dysphotopsia due to internal reflections increases as light passes through materials with more greatly differing refractive indexes (RI)[19,20]
- The hydrophilic nature of Collamer® promotes a high water content (40%) in the lens minimizing the difference in RI between the lens and aqueous of the eye
- The RI of Collamer® minimizes reflections and may contribute to a lower potential for dysphotopsia

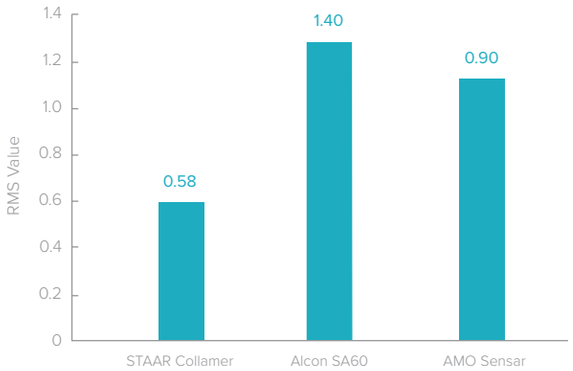
Hydrophilic Collamer® Water Concentration

	% Water Content	Refractive Index	Difference in Refractive Index Len vs Aqueous
Hydrophobic Acrylic AcrySof® IOL (Alcon)	0%	**1.55**[21]	**0.214**
Collamer®	40%	**1.442**[14]	**0.106**
Aqueous	>99%	1.336	-

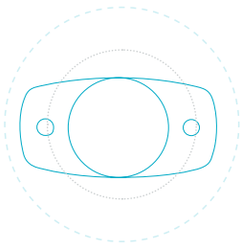


- Competitive lenses were associated with higher order aberrations between 110% and 140% greater than the Collamer® lens at both one week and one month postoperatively[16]

Postoperative Total Higher Order Aberrations[16]

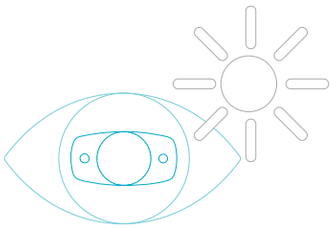


Collamer® Provides a “Quiet Eye,” UV Light Protection, and Years of Proven Experience



Highly Biocompatible Collamer® Inhibits Inflammatory Responses to Achieve a Postop Quiet Eye [15,17]

- The unique properties of Collamer® minimize inflammation, flare and cellular reaction[15,17]



Offers UV Protection

- The Collamer® material is bonded with UV absorbing chromophore into a poly-HEMA based copolymer that offers UV protection[15]

A Proven Performance

- Collamer® is exclusive to STAAR. It has a proven history for over 20 years with more than 1 million lens implants worldwide

Indications

- The EVO Visian ICL is indicated for use in phakic eye treatment in adults 21- 45 years of age for:
- The correction/reduction of myopia in adults ranging from -0.5 D to -20.0 D at the spectacle plane
- With an anterior chamber depth (ACD) equal to or greater than 3.0 mm, as measured from the corneal endothelium to the anterior lens capsule

Spherical Lenses

Diopter	Current Optical Diameter (mm)	EVO+ Optical Diameter (mm)	Approximate Equivalent OZ at Corneal Plane[22,23] (mm)
-0.5 to -9.0	5.8	6.1	7.6
-9.5 to -10.0	5.5	5.9 - 6.1	7.4 - 7.6
-10.5 to -12.5	5.3	5.3 - 5.8	6.6 - 7.3
-13.0 to -14.0	4.9	5.0 - 5.2	6.3 - 6.5
-14.5 to -18.0	4.9	N/A	6.1
+0.5 to +10.0*	5.8	N/A	7.3

Available in 0.25 D increments from -0.5 D to -3.0 D and 0.5 D increments from -3.0 D to -18.0 D

*The Hyperopic Model is not EVO and has no central port in the optic. Data in this brochure relates to the myopic and toric myopic versions. For information on the hyperopic range, please contact STAAR Surgical

Lens lengths: **11.6 mm / 12.1 mm / 12.6 mm / 13.2 mm / ***13.7 mm
** Available only in the Hyperopic Model
*** Available only in the Myopic Model

Toric Lenses

Diopter	Cylinder	Current Optical Diameter (mm)	EVO+ Optical Diameter (mm)	Approximate Equivalent OZ at Corneal Plane[22,23] (mm)
-0.5 to -9.0	+0.5 to +6.0	5.8	6.1	7.6
-9.5 to -10.0	+0.5 to +6.0	5.5	5.9 - 6.1	7.4 - 7.6
-10.5 to -12.5	+0.5 to +6.0	5.3	5.3 - 5.8	6.6 - 7.3
-13.0 to -14.0	+0.5 to +6.0	4.9	5.0 - 5.2	6.3 - 6.5
-14.5 to -18.0	+0.5 to +6.0	4.9	N/A	6.1
+0.0 to 10.0*	+0.5 to +6.0	5.8	N/A	7.3

Available in 0.5 D increments

*The Hyperopic Model is not EVO and has no central port in the optic. Data in this brochure relates to the myopic and toric myopic versions. For information on the hyperopic range, please contact STAAR Surgical

Lens lengths: **11.6 mm / 12.1 mm / 12.6 mm / 13.2 mm / ***13.7 mm
** Available only in the Hyperopic Model
*** Available only in the Myopic Model

References

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ATTENTION: Reference the EVO and EVO+ Visian ICL Product Information for a complete listing of indications, warnings and precautions.

For more information, please visit www.staar.com or contact STAAR Customer Service at customerservice@staarag.ch

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