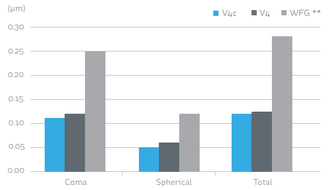
V4c Clinical Outcomes

"The most impressive outcome was the intraocular pressure post-operatively. It was identical and normal in both sets of eyes. We have continued to use the technology in our patients since the trials and they are very happy."

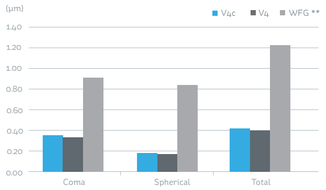
Prof. Kimiya Shimizu, Japan

Superb Quality of Vision*

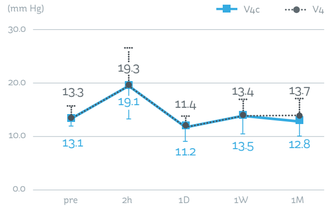
HOAs 4mm Pupil



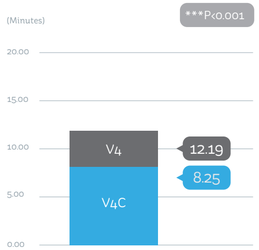
HOAs 6mm Pupil



IOP Stability*



Increased Surgical Efficiency*



* Data on file with STAAR Surgical

** Igarashi A, Kamiya K, Shimizu K, Komatsu M. Visual Performance after Implantable Collamer Lens Implantation and Wavefront-Guided Laser In Situ Keratomileusis for High Myopia. Am J Ophthalmol. 2009; 148 (1):164–170

Product Specification

SPHERICAL LENSES

Lens Powers	Optical Zone Diameter (in mm)	Effective OZ at Corneal Plane (in mm)
−0.5 to −9.0	5.8	7.30
−9.5 to −10.0	5.5	6.93
−10.5 to −12.5	5.3	6.62
−13.0 to −18.0	4.9	6.17

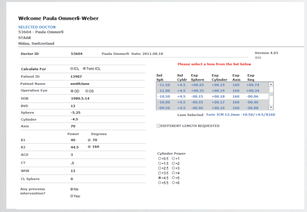
0.25D increments available from −0.5D to −3.0D Lens lengths: 12.1 mm / 12.6 mm / 13.2 mm / 13.7 mm

TORIC LENSES

Lens Powers	Cylinder	Optical Zone (in mm)	Effective OZ at Corneal Plane (in mm)
−0.5 to −9.0	+0.5 to +6.0	5.8	7.30
−9.5 to −10.0	+0.5 to 6.0	5.5	6.93
−10.5 to −12.5	+0.5 to 6.0	5.3	6.62
−13.0 to −18.0	+0.5 to 6.0	4.9	6.17

Lens lengths: 12.1 mm / 12.6 mm / 13.2 mm / 13.7 mm

ICL™ / Toric ICL™ Calculation interface



Customized Implantation Diagrams for Each Patient

The ICL™ Power Calculation Tool provides surgeons the ability to calculate the proper diopter, cylinder and lens size for given pre-operative measurements. STAAR targets to provide Toric ICLs with a customized cylinder axis allowing for easy horizontal lens alignment. Some lenses may be provided with minor axis deviations for which the implantation orientation diagram will assist in accurate lens alignment.

Distributed By

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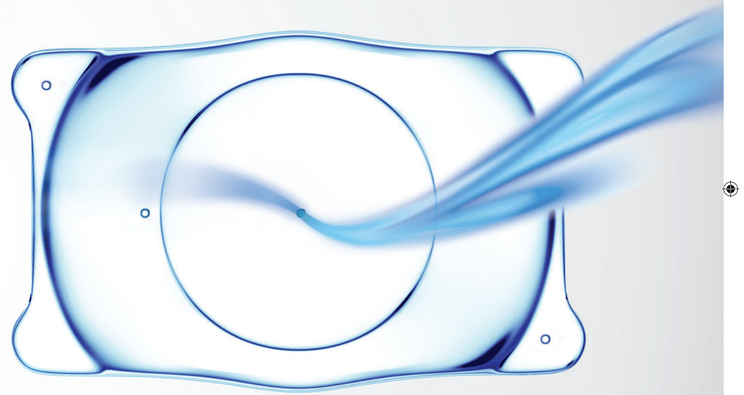
Made in Switzerland

Visian ICL®

CLEARLY MORE SIMPLE



The New Visian ICL®
with CentraFLOW™ Technology

The new Visian ICL® V4c with CentraFLOW ™ Technology clearly simplifies the ICL surgical procedure

- Eliminates the need for PIs ; increasing the efficiency for both surgeon and patient
- Restores a more natural aqueous flow
- Facilitates OVD removal

"This revolutionary CentraFLOW ™ Technology will be a game changer for implant-based refractive surgery"

Dr. Erik Mertens, Belgium

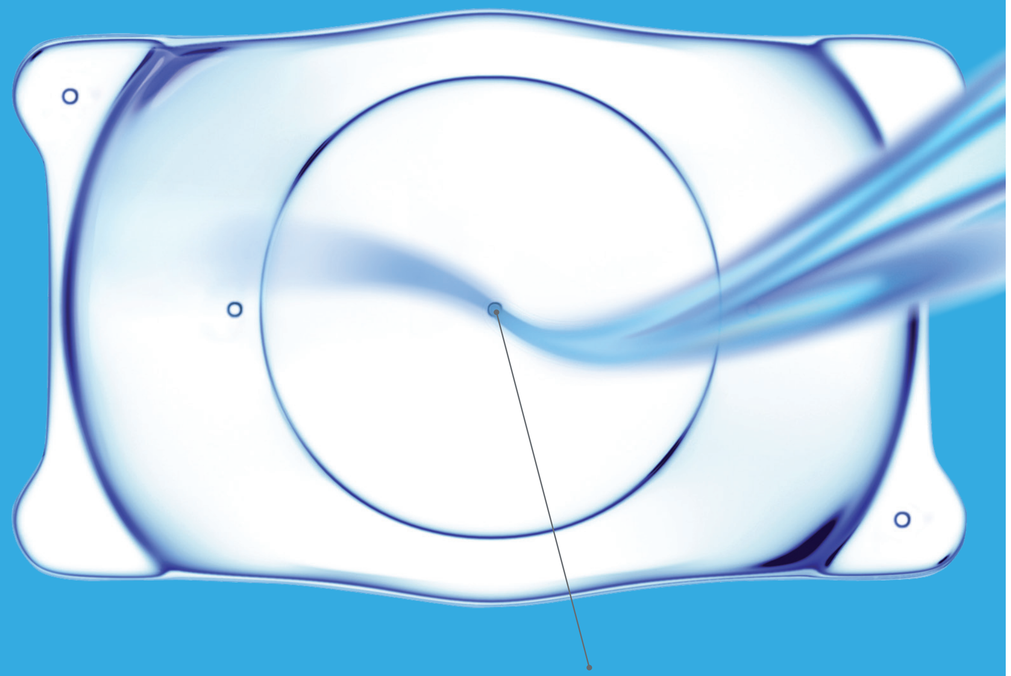
"With the V4c, there is no longer a fear of PI failure. You don't have to worry about pupillary block. And for the patient, having no PI means quicker surgery and faster visual recovery."

Dr. Daniel Elies, Spain

CentraFLOW™ Technology

- Efficacious
- IOP Stability
- Superb Quality of Vision
- Increased Surgical Efficiency
- Enhanced Convenience and Comfort for the Patient

Over a quarter of a million ICLs implanted worldwide



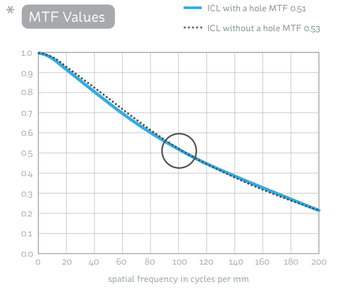
KS-Aquaport ™

"The KS-AP technology was aberration free and all visual results were excellent and identical in both the KS-AP and the conventional ICL groups."

Prof. Kimiya Shimizu, Japan

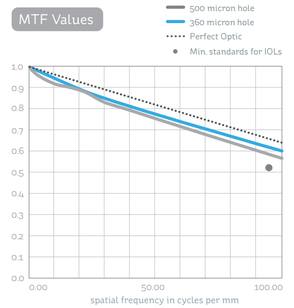
How will an optic port affect quality of vision

The MTF values with and without a hole are nearly identical



Optimizing the size of the port

A significant drop in optical quality occurs only with a hole >500µ



Simulated Cross-Sectional Image of the KS-Aquaport

Superior edge finish supports high quality of vision

The highly polished edges of the port result in rounded smooth surfaces having virtually no impact on quality of vision.

* Data on file with STAAR Surgical