

Amico Yasna Pars

Ophthalmology Newsletter / No.12

Autumn / 2024

SPECIAL EDITION

Dear valued partners

Sharing the knowledge among humans is the noblest act that amplify our improvements, yet without having this unique act the achievements of mankind was much smaller.

One of the greatest ways to share knowledge and experiences in specialty fields is conducting scientific gatherings and events which fortunately have a long history in our country.

On the eve of 33rd annual congress of Iranian society of ophthalmology as one of the biggest active companies in this field, AMICO YASNAPARS is honored to participate in this event to be a part of it and as its core value try to you with the latest products and technologies in the field of ophthalmology. We would like to use this opportunity to invite you to kindly visit our booth.



**XXXIII ANNUAL CONGRESS OF THE IRANIAN
SOCIETY OF OPHTHALMOLOGY**

**28 - 31 OCTOBER 2024
RAZI CONVENTION CENTER
TEHRAN-IRAN**



elita

Femtosecond Laser



**Introducing ELITA™
next-generation
corneal refractive
technology**

Johnson & Johnson

Amico Yasna Pars (Pr.J.S.Co)

INTRODUCING SiLK

(SMOOTH INCISION LENTICULAR KERATOMILEUSIS)

THE NEXT GENERATION LENTICULAR PROCEDURE FROM J&J VISION



Exceptionally
precise &
accurate
technology



Consistently
smooth
lenticule
removal



Exquisite visual
outcomes and
patient
satisfaction

- Indication: Myopia with/without astigmatism up to -12 DS, up to -6 DC, with sum of sphere and cylinder between -1.00 D and -12.00 D using minus cylinder convention
- Biconvex lenticule shape designed to preserve corneal integrity and improve nerve regeneration
- Post-docking centration and cyclotorsion adjust

PATIENTS ARE EXCITED WITH THEIR VISION AFTER SiLK™ (3 MONTHS POST-OP)

100%

Satisfied with the results of their SiLK™ procedure

98%

Satisfied with how quickly their vision improved after SiLK™

96%

Would recommend SiLK™ to a friend or family member

ELEGANTLY OPERATE WITH CUTTING EDGE TECHNOLOGY

Better quality of vision, due to industry-first biconvex lenticule shape producing less corneal folds in Bowman's Layer and leading to improved nerve regeneration

Easy and smooth lenticule removal: **91% of eyes required little to no dissection**

Introducing the latest technology
in Phacoemulsification

Your surgical day
just got easier.

veritas True Ease.
Total Control.

- Less Surge More Stability
- Glide Through Any Lens Density
- A Difference You Can Feel

Johnson & Johnson
Amico Yasna Pars (Pr.J.S.Co)



Automatic Continuous Irrigation⁴

- Doesn't require toggling of foot switch or additional staff support
- When enabled, **Continuous Irrigation Auto-Off**, with physician-selected shut-off delay (1-3 seconds), automates the management of fluid inflow

Intelligent Occlusion Sensing⁴

- Continuously monitor the pressure in the aspiration channel
- Proactively adjusts to maintain pressure, for chamber stability

Elevated Fluid
Management features
improved procedural
control¹

Variable Venting⁴

- The fluidics system applies variable venting pressure to release the material at the aspiration tip when the foot pedal is released to position 0, giving you full control if the tip accidentally grabs the capsule or iris.
- Select low, medium or high venting strength based on surgeon preference

Reflux⁴

- Immediately releases or dislodges unwanted material from the handpiece tip
- "Tents" the incision site to allow easier tip insertion

FOCUS ON VALUE



Cataract surgery necessitates technologies that improve surgical efficiency and can be enhanced for safety¹



Anterior chamber stability is a key to **successful outcomes** for patients undergoing cataract surgery



Imbalance in fluid flow during phacoemulsification can lead to anterior chamber instability and **increase the risk of complications**



Post-occlusion surge (POS) is a **main source of chamber instability** during cataract surgery

The VERITAS™ Vision System is optimized for fluidics management



Peristaltic and venturi *Dual Pump* capability offers flexibility for **optimal fluidics management**



Chamber Stabilization Intelligence **automatically regulates vacuum** to reduce POS



WHITESTAR™ Micropulse Technology enables **ultra-efficient lens extraction with less energy**



TECNIS Synergy™ IOL

Johnson & Johnson

Amico Yasna Pars (Pr.J.S.Co)

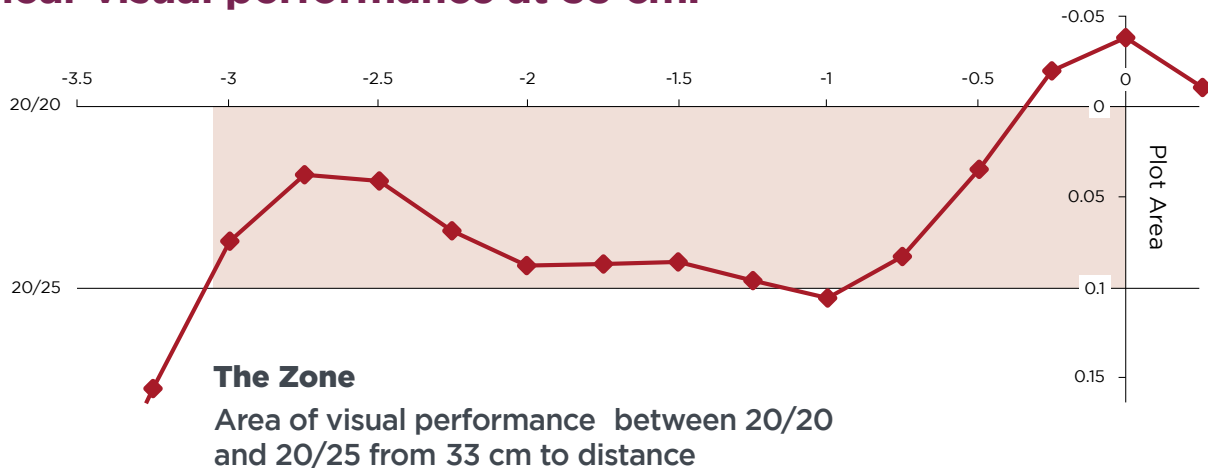
Get the best of both worlds.
Focus far through near;
clarity day and night.

Widest range with best near
Superior image contrast
Excellent patient outcomes

TECNIS Synergy™ IOL

Continuous vision that empowers® patients to see at their ideal distances

TECNIS Synergy™ IOL: Unparalleled “in the zone” vision that outperforms trifocal IOLs, including outstanding near visual performance at 33 cm.



Violet-light filtration reduces visual symptoms such as halos

With violet-light filtration, ease of both daytime and nighttime driving showed statistical improvement



With violet-light filtration, halo intensity was reduced in both iPhone screens (photopic -13%) and xenon car headlights (scotopic -29%)



BENEFITS:



Easy 3-step process - hydrate, advance, deliver



Advanced design for a smooth and controlled IOL delivery

Please scan the QR code to see instruction for use



TECNIS Simplicity™ — The Next-Generation TECNIS® IOL Disposable Delivery System

Simplifying delivery of the IOL you prefer.



TECNIS Eyhance IOL

See the Passion in Each Patient.

Johnson & Johnson

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TECNIS Simplicity™ — The Next-Generation
TECNIS® IOL Disposable Delivery System

Simplifying delivery of the IOL you prefer.

A modern-day monofocal IOL

Enhanced vision within reach

Please scan
the QR code to see
instruction for use



TECNIS™

Toric II 1-Piece IOL

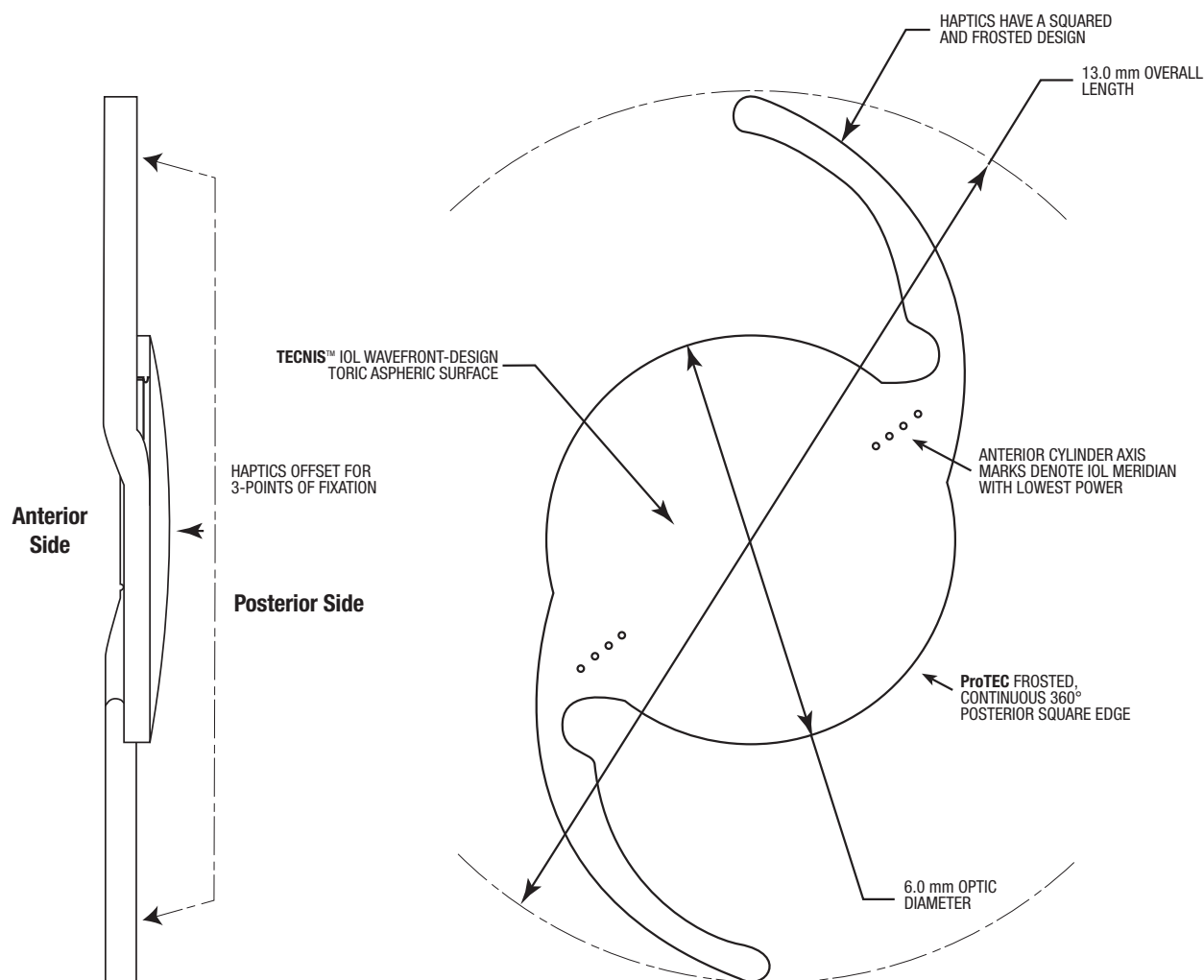
Toric II

Johnson & Johnson

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TECNIS™ TORIC II 1-PIECE IOL

Hydrophobic Acrylic



Lock-in visual performance with rotational stability

Powers:					+5.0 D to +34.0 D in 0.5 diopter increments					
MODEL	ZCU100	ZCU150	ZCU225	ZCU300	ZCU375	ZCU450	ZCU525	ZCU600	ZCU700	ZCU800
Cylinder Powers – IOL Plane:	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D	7.00 D	8.00 D
Cylinder Powers – Corneal Plane:*	0.69 D	1.03 D	1.54 D	2.06 D	2.57 D	3.08 D	3.60 D	4.11 D	4.80 D	5.48 D



Engineered for rotational stability.
The new squared and frosted haptic design provides resistance to rotation¹

Clinical evaluation of new haptic design

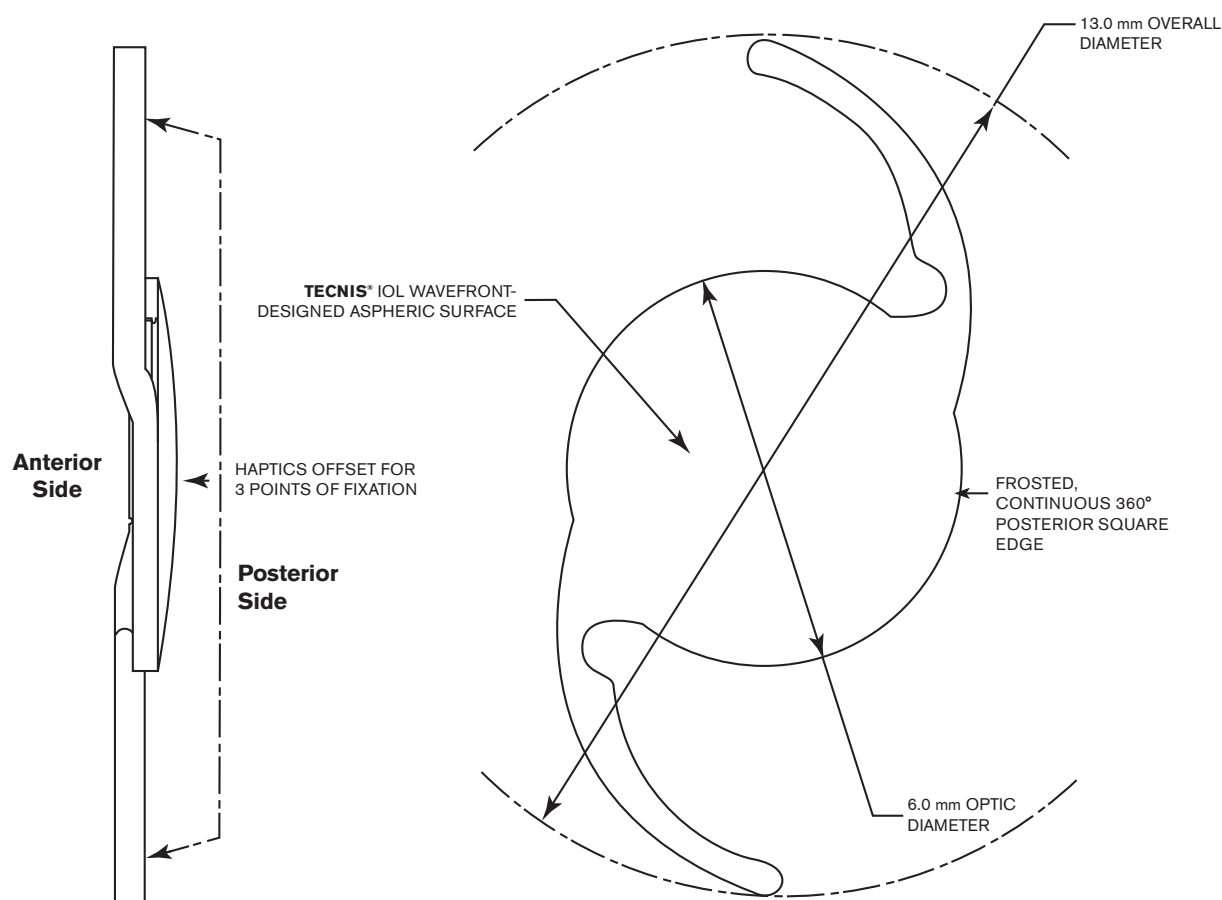
	TECNIS™ new haptic design ¹
Postop Visit	1 month
N	86
Mean	0.87° ± 0.92°
Rotation ≤ 5°	85/86; 98.8%
Rotation ≤ 10°	86/86; 100%

CONCLUSION:

The new squared and frosted haptic design delivered an outstanding mean rotational stability of 0.87° after 1-month postoperative. Moreover, 98.8% of the patients had no greater rotation than 5°¹

TECNIS® 1-Piece Aspheric IOL

Hydrophobic Acrylic



TECNIS® IOLs leverage the strength of a proven platform

FEATURE	BENEFIT
Correcting spherical aberration to essentially zero due to wavefront-designed Optic	Provides sharp quality of vision ¹
Low induction of chromatic aberration due to its material	Provides high image contrast performance under all lighting conditions ²
Not associated with glistenings ³	Reduces light scatter ^{4,5}
Observe less capsular phimosis	Minimize decreased vision and IOL decentration ⁶



**HIGH-QUALITY
VISION**



Combined with your expertise,
EYE-INSPIRED™ INNOVATIONS help you
deliver differentiated vision experiences
to your patients .



ACOVOL

Johnson & Johnson

Assisi, Verona, Padova

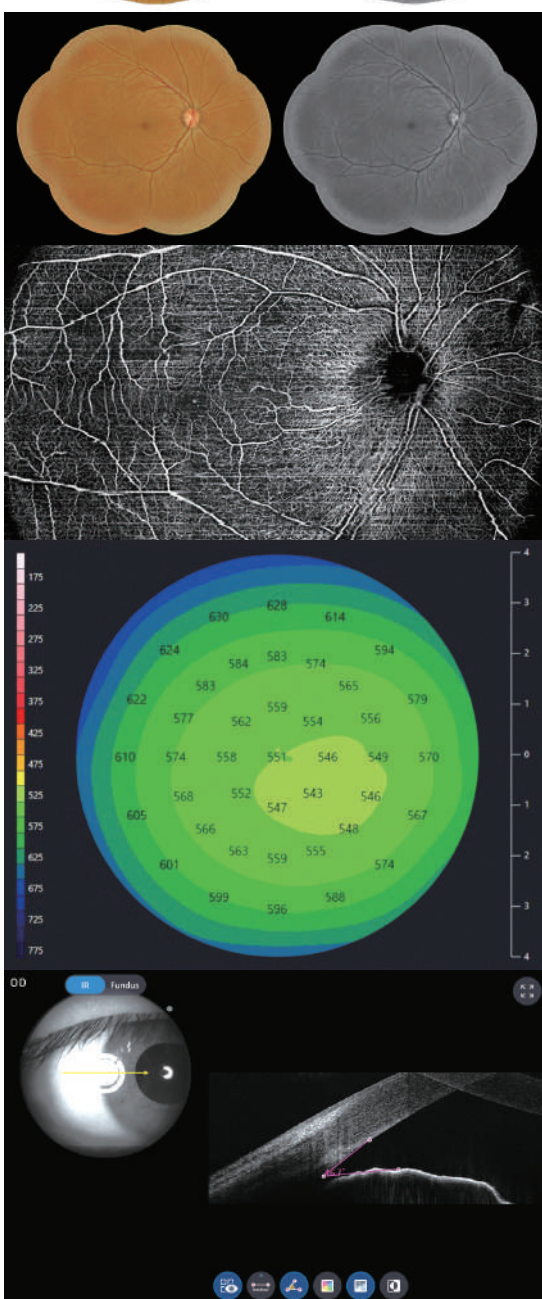
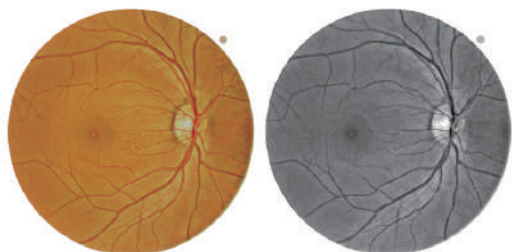
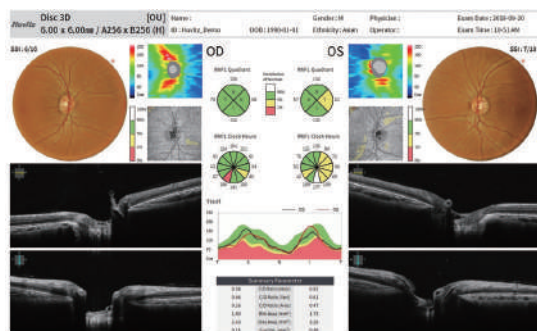
ALL-IN-ONE OPTICAL COHERENCE TOMOGRAPHY WITH
FUNDUS CAMERA, ANGIOGRAPHY, BIOMETRY AND TOPOGRAPHY

HOCT-1/1F



Huvitz *Re:define, Re⁺create*

Amico Yasna Pars (Pr.J.S.Co)



3D OCT + ANTERIOR OCT FUNDUS CAMERA ANGIOGRAPHY BIOMETRY TOPOGRAPHY

One for All System

SEE MORE, DO MORE, SAVE MORE
HUVITZ 5-IN-1 OCT

Not only Anterior and Posterior disease diagnosis, but also gathering the necessary data for an Ophthalmologist's cataract surgery.

Because the HOCT acquires all the necessary information in one instrument, it becomes efficient and convenient for you and your patients.

WEB BROWSING
SYSTEM TO VIEW DATA
ANYTIME,
ANYWHERE

Patient's test data can be analyzed anywhere on the Internet. You can check and analyze all data of HOCT through Web Browser such as Internet Explorer, Safari, Chrome without installing special software separately.

Optical **Biometry** with Full Corneal Topography System

HBM-1



Huvitz

Re:define, Re+create

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All 10 examinations at once

10 types of data for IOL Power calculation ;
All accurate result values are based on the NO.6th AL, NO.8th ANT measurement data Standard Deviation(STD).
Fast measurement speed minimizes patient discomfort.

10 methods data measurement :
Axial Length(AL), Anterior Chamber Depth(ACD), Central Corneal Thickness(CCT), Lens Thickness(LT), Keratometry, Topography, Keratoconus, Zernike Coefficients, Pupillometry, White to white

IOL Power value with the various Formula

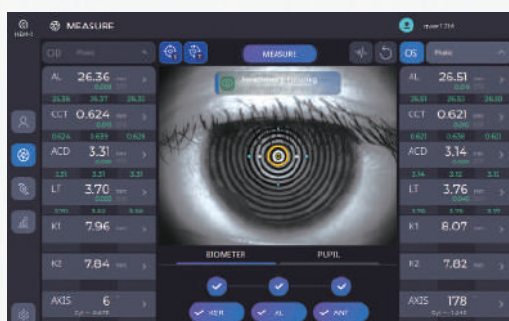
The measured result value suggests the IOL Power value after calculation through the various Formulas & IOL.

10 methods data measurement :
Axial Length(AL), Anterior Chamber Depth(ACD), Central Corneal Thickness(CCT), Lens Thickness(LT), Keratometry, Topography, Keratoconus, Zernike Coefficients, Pupillometry, White to white

Premium Lens Prescription

describes premium lenses that can correct astigmatism, myopia, and presbyopia at the same time while improving cataracts.

Toric IOL for astigmatism, correction of presbyopia for multifocal IOL, Spherical IOL for clear visibility, etc. It guides the user in selecting the optimal IOL to correct refractive errors.



10 Examinations to Measure the Data



Toric IOL Prescription

Wide management 'Monitoring, regular care' by HBM-1

Myopia management functions for Integrated management

HBM-1 can monitor the entire history of the periodical and provide a graph of the AL and refractive variation.

The data of REF(RX) transmitted by Huvitz RK series can be utilized as the basis of diagnosis.

The HBM-1 can take the patient through their Ortho-K Lenses prescription and surgery, providing a comparison of the variation before and after wearing the Ortho-K Lenses.

It can also observe anisometropia which can be presented and reviewed with the patient.



Monitoring the Myopia History Data



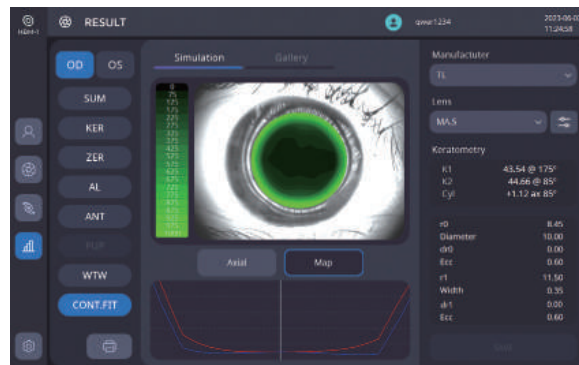
Comparison of Changes Before & After Wearing Ortho-K Lenses



Check Anisometropia

Check the Contact Lens Fitting

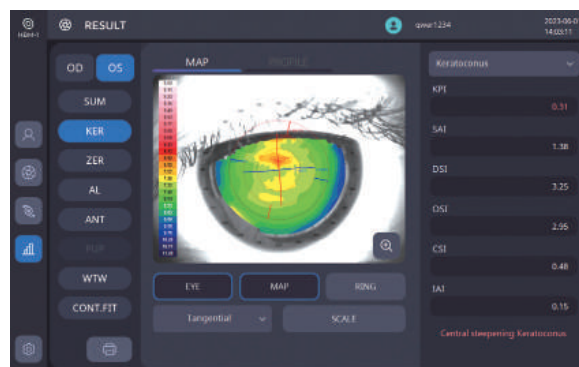
apture a Fluorescein Image without a direct injection with liquid fluorescence.



Contact Lens Fitting

Predict early detection of Keratoconus

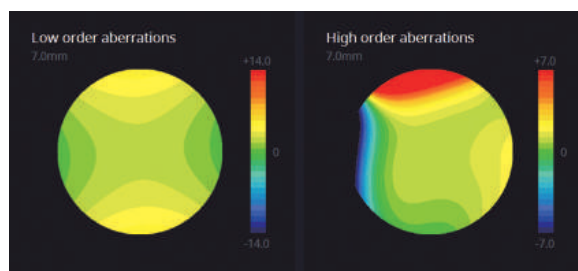
Calculates KPI(Keratoconus Prediction Index) values to predict Keratoconus



Keratoconus

Zernike Analysis for various variables

By analyzing Zernike Coefficients/Map, various variables such as eye refractive power variation and irregular astigmatism are systematically obtained.



Zernike Analysis

Advanced
Refraction Table
HRT-7000

Digital Refractor HDR-7000
Chart Projector HCP-7000
Auto Ref-Keratometer
HRK-7000A
HRK-8000A



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HNT-1/1P
Intraocular
Pressure Meter



HRK-8000
Auto
Ref/Keratometer



HRK-7000
Auto
Ref/Keratometer



HLM-7000
Auto Lensmeter



HDC-9100
Digital Chart



HS-7000
Slit-lamp



HT-5000
Applanation
Tonometer



HPE-910
Edger



HPE-410
Edger



Huvitz
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Geuder®

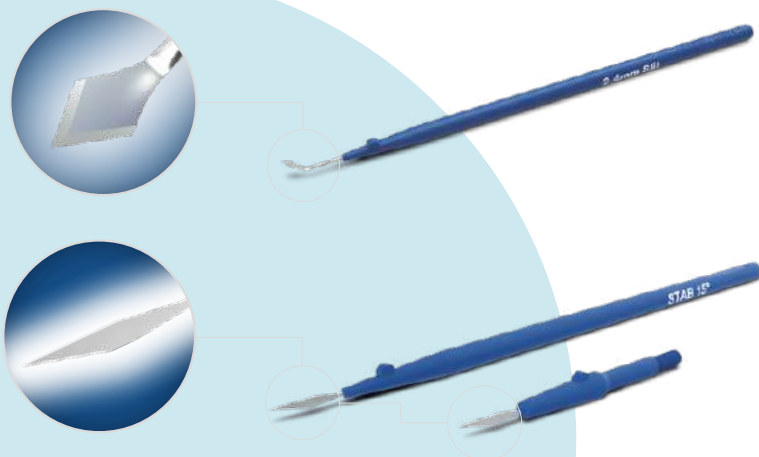
MILESTONES OF MODERN
OPHTHALMIC SURGERY

70
YEARS



NanoEdge

SINGLE-USE
OPHTHALMIC KNIVES



NanoEdge

SINGLE-USE
TREPHINES AND CORNEAL
PUNCHES



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ALCHIMIA

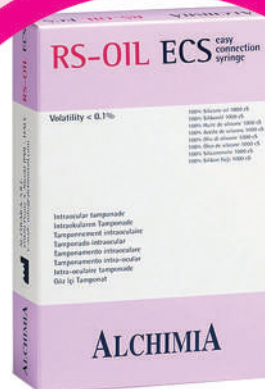
Made in Italy

VITREORETINAL Surgery Products

Amico Yasna Pars (Pr.J.S.Co)

HPF10 perfluorodecalin

Alchimia's perfluorocarbons are 100% fluorinated compounds; the absence of the perfluorooctanoic acid (PFOA) contaminant and the Hvalue less than 10 ppm makes them absolutely non-toxic. To be used intraoperatively to defold and stabilize the detached retina, HPF10 (perfluorodecalin) is **the most controlled perfluorocarbon on the market.**

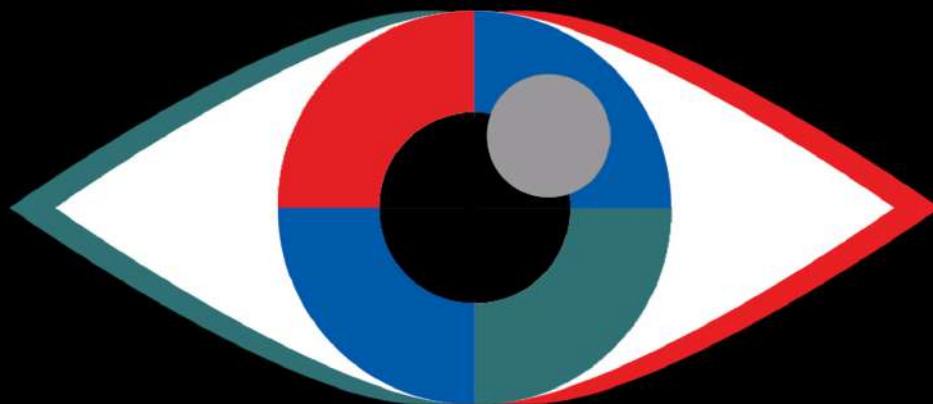


Silicon Oil

Alchimia's silicone oil is made of 100% ultra-purified polydimethylsiloxane with a volatile compound content less than 0.1%. RS-OIL ensures a long-term stable tamponade in the management of retinal detachments. More than 250,000 packages sold in the various viscosities over 10 years make RS-OIL a high performance and safe product.



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Johnson & Johnson

Surgical | Vision Care

Huvitz
Re:define, Re⁺create

Geuder[®]
Precision made in Germany

ALCHIMIA



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