

Amico Yasna Pars

Ophthalmology Newsletter / No.10

SPRING / 2024

Dear Valued Partners,

Ophthalmology has always been at the forefront of medical research while having an admirable history of innovation. And restoring the most important sense of all, sight, always has been a great challenge to mankind. As time passes, achievements in Ophthalmology got closer to each other, therefore adopting these new technologies is an essential matter, while the most critical role in these process belong to ophthalmologist, industry has a very important burden to support these innovations.

Amico Yasna Pars is proud to company the Iranian Ophthalmologists in these road by providing the latest solutions and products in the field of ophthalmology.

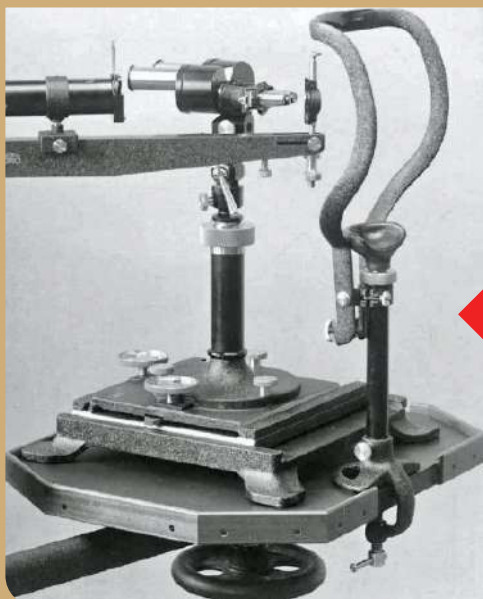
In this occasion, let's also cherish this opportunity to congratulate the New Year to you and your love ones. May this year bring prosperity, great achievements, and inspirations on your path.



The eye as depicted by Celsu



Book of Optics
by Ibn al-Haytham



Gullstrand's slit lamp

Charles Kelman
who developed
technique of
phacoemulsification



All-in-One Optical Coherence Tomography with
Fundus Camera, Angiography, Biometry and Topography

HOCT-1/1F

One for All System

3D OCT
+ ANTERIOR OCT
FUNDUS CAMERA
ANGIOGRAPHY
BIOMETRY
TOPOGRAPHY



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.



HUVITZ Integrated Image Server

HIIS-1

Huvitz Integrated Image Server, HIIS-1 films eyeball's eyeground or retina's shape in a non-contact non-invasive manner, and it is the software that provides information that helps with the ophthalmic complications.

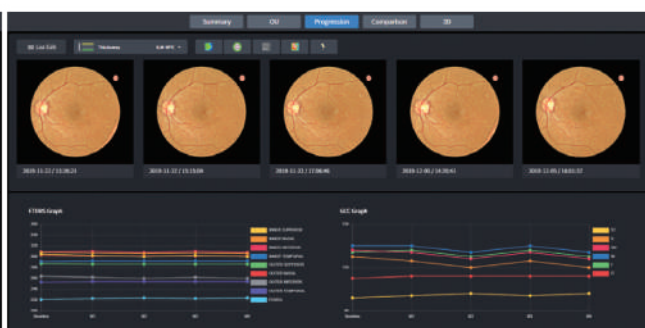
This software of the Server-Client structure exchanges data with the software built-into HUVITZ'S ophthalmic devices. PC with HIIS-1 server installed becomes Server while device becomes Client. Server and device (Client) operate regardless of the distance as long as they are in the same network. Here, same network includes Internet when seen broadly and even the 1:1 cable connection when seen narrowly.

Image filmed on the device is transmitted to the server and user can check the result filmed from the personal PC through Web browser. Personal PC does not need to be installed with special software, and it can be used with the regular Web browser such as Internet Explorer, Chrome, Safari and Firefox. By authorizing other users from the server and creating an account for them you can easily give access to other PCs with a simple internet access.

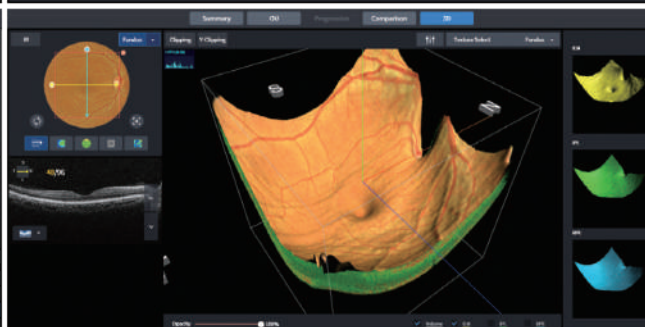
Optic Disc / Progression



Macular / Progression



Macular / 3D



Optic Disc / Compare

Accurate Analysis

Accurate segmentation and measurement :
Analyze pathology status from various perspectives

A complete analysis helps you observe symptoms, illnesses and progress of each patient at a glance. Key indicator values compared to Normative Data are displayed in table and chart format.

Progression to track pathological changes

OCT scan and fundus image of a patient can be compared at a glance to sequential measurement results from baseline to present.

Progression from past to present helps analyze disease progression and treatment process.

Thickness, Enface, and ETDRS can be superimposed on the IR or Fundus at each measurement point so that the change in thickness of nerve fiber can be confirmed according to the transition. It also provides a trace graph so you can study at a glance.

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 VISION
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**

HPF10

THE MOST CONTROLLED HIGH PURITY PERFLUORODECALIN

HPF10 IS A HIGHLY SAFE MEDICAL DEVICE CONTROLLED BY MEANS OF SOPHISTICATED CHEMICAL METHODS AND WHOSE SAFETY IS CONFIRMED BY CYTOTOXICITY TEST ON TWO CELL LINES.



CHARACTERISTICS	SPECIFICATIONS	ADVANTAGES
DENSITY	1.94	Few bubbles
BOILING POINT	141°C	Stable in laser and cryo-applications
REFRACTIVE INDEX	From 1.31 to 20°C	
VISCOSITY	2.4 cSt	
VAPOUR PRESSURE	13 mmHg	
PERFLUORODECALIN IS EFFICIENT ON DRASTIC CASES WITH FURTHER SILICONE OIL TAMPONADE		

high purity HPF10	
INGREDIENT	100% FLUORINATED PERFLUORODECALIN
BACTERIAL ENDOTOXINS	< 0,5 EU/ml
SHELF-LIFE	36 MONTHS
REFERENCE	HPF 003-00 / HPF 004-00 HPF 021-00 / HPF 022-00
CONTENTS	7 ml IN SYRINGE

SAFETY INFORMATION

ALCHIMIA	
COMMERCIAL NAME	HPF10
ACTIVE INGREDIENT	Perfluoro-decalin
DECLARED PURITY	> 95%
H _{VALUE}	< 10 ppm
CYTOTOXICITY (BALB 3T3)* cell mortality %	4.8
CYTOTOXICITY (ARPE-19)* cell mortality %	12.6
PFOA (perfluorooctanoic acid)	not present



PURE



SAFE



BIOCOMPATIBLE

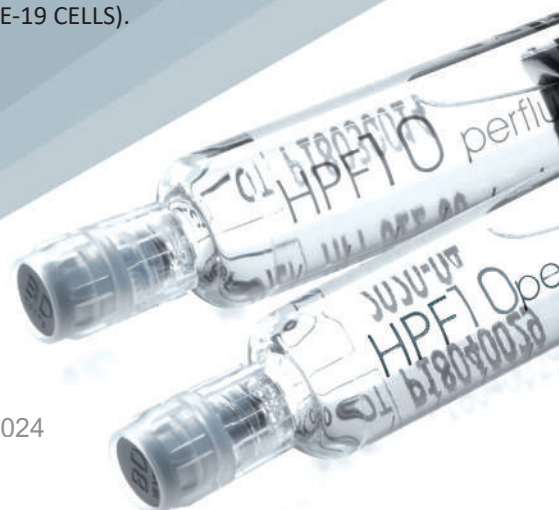


CHEMICALLY CONTROLLED



CYTOTOXICITY TESTED

THE SAFETY OF OUR PERFLUORODECALIN IS GUARANTEED BY THE ACCURATE CHECKS CARRIED OUT DURING ALL THE MANUFACTURING STEPS AND CONFIRMED BY GAS CHROMATOGRAPHIC ANALYSES (PURITY), NUCLEAR MAGNETIC RESONANCE (HVALUE) AND CYTOTOXICITY TEST (DIRECT CONTACT ON BALB 3T3 AND ARPE-19 CELLS).





TECNIS® Monofocal IOLs

Toric

**Excellent Outcomes
for Patients
with Astigmatism**
Empower your patients' vision with proven optical quality.



TECNIS Symphony™

Extended Range of Vision IOLs

Seamless Brilliance
The TECNIS Symphony™ IOL is intended to mitigate the effects of presbyopia so you can empower your patients to see clearly across the full range of vision.



TECNIS® Monofocal IOLs

**Proven, Everyday
Excellence**
enhanced functionality and long-term sustainability from the TECNIS® Monofocal 1-Piece IOL.

**Johnson & Johnson
VISION**

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

**COMING
SOON !**

TECNIS Synergy™ IOL

with TECNIS SIMPLICITY
Delivery System

**A Breakthrough
Innovation**

Going beyond the limits
of current trifocals.

- + Widest range of continuous vision with best near
- + Superior image contrast day and night



**TECNIS SIMPLICITY®
DELIVERY SYSTEM**

**Simplifying IOL Delivery.
Improving Efficiency.**
Safety of a single-use delivery system and the optical excellence of the TECNIS®FAMILY OF IOLs.

TECNIS Eyhance™ IOL

with TECNIS SIMPLICITY
Delivery System

**EXPERIENCE
THE DIFFERENCE**

The TECNIS Eyhance™ IOL – defining the future of Monofocals.



The 29th annual seminar of Farabi was held from April 24 to 26, 2024 in Tehran

The 29th annual seminar of Farabi was held from April 24 to 26, 2024 at the Olympic Hotel in Tehran.

It's worth mentioning that the Farabi seminar is one of the oldest and most prestigious ophthalmology events in Iran, which is a great opportunity to present the latest ophthalmology achievements and share valuable experiences.

Amico Yasna Pars participated in this valuable event in order to communicate directly with ophthalmologists and present the latest achievements from the world's top manufacturers.

We would like to take this opportunity to thank all the organizers of this seminar



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



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