

Amico Yasna Pars

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Autumn / 2023

Knowledge is the eye of desire and can become the pilot of the soul.

Will Durant



Dear Valued partners

The great Will Durant believed that the knowledge is the pilot of the soul and to describe the connection between this two he found the perfect word, EYE.

Eye and sight are the principal tools of mankind to know more and discover new things. Needless to say protecting such a valuable thing is a sacred profession. A profession that comes with an unprecedented responsibility to offer the best solution using the best skill and material. And that is the point that makes ophthalmology such a unique and prestigious field.

AMICO YASNA PARS is honored to company the Iranian ophthalmologists for decades through offering the best available solutions by providing the latest technologies from the greatest suppliers in the industry.

PHACO UPDATES

The latest improvements and innovations.

Whitestar Signature Pro

BY SUMIT "SAM" GARG, MD



The Whitestar Signature Pro System (Abbott) has undergone software updates that improve its handling and performance. For me, the most notable change is the increased stability that results from fast, proactive responses. The machine samples IOP continuously and rapidly, testing the vacuum 250 times per second. It then anticipates changes to the pressure and makes the adjustments necessary to maintain the ideal IOP. In addition, the tubing has become less compliant. All of this results in less postocclusion surge and a more stable chamber (Figure).

INTERFACE IMPROVEMENTS

Improvements have also been made to the user interface and the foot pedal. My technicians and I find the user interface to be more intuitive, and the foot pedal is more ergonomic and responsive than the previous version. The latest upgrade to the system maintains my ability to switch quickly between a venturi or peristaltic pump. Like many other surgeons, I change pump settings for different stages of cataract removal, because I feel doing so provides me with maximum control and customization of my surgical procedure. As a straight chop surgeon, I use the peristaltic pump for the initial stages of my cataract procedure to hold the nucleus during my initial chops. Then, I transition to venturi for the remainder of the case and use the vacuum-based pump for fragment removal, cortical cleanup, and thorough removal of ophthalmic viscosurgical devices. The Ellips FX handpiece (Abbott) allows me the flexibility to choose my phaco tip while providing the benefits of elliptical motion of the phaco needle.

ADMINISTRATIVE

Other important upgrades to the system are directed toward the administrative side of cataract surgery. The cataract analysis and settings application records the relevant parameters of each case and allows me to enter notes as well. I can comment if the patient had a particularly dense cataract, Fuchs endothelial dystrophy, or other factors that might have influenced the case time or outcome. Postoperatively, I can review my parameters: how long the

The advances on the Signature Pro platform promote increased efficiency and safety in cataract surgery.

case took, what the turnover time was, and how much energy was used. I can compare my individual performance with that of my surgical center as a whole. This kind of benchmarking is important for improving performance and outcomes, and the surgery center manager can review and analyze information to find additional efficiencies. As in any business, the collection metrics is an invaluable tool to remaining at the top of the field, and I find that this application definitely helps.

Although the system does not look dramatically different from its predecessor, the advances on the Signature Pro platform promote increased efficiency and safety in cataract surgery.

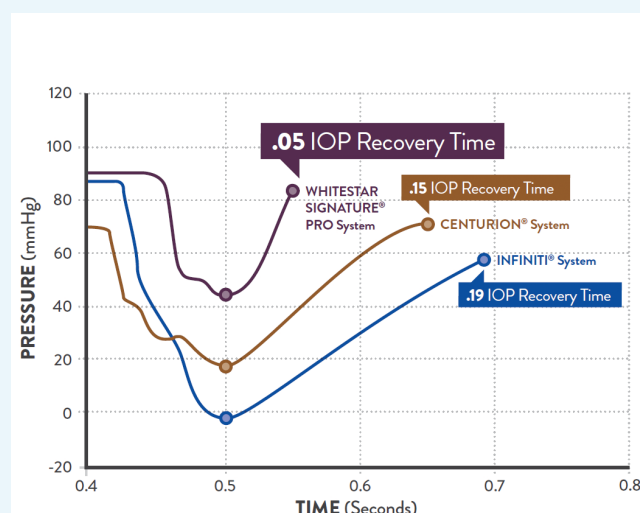


Figure. Upgrades to the Signature system result in less postocclusion surge and a more stable chamber in peristaltic mode.

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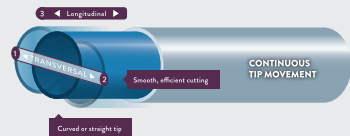
Let's talk.

Contact Amico Yasna Pars
Visit www.aypmedical.com

peristaltic, venturi or combination pump capabilities

PERISTALTIC PUMP						
Sculpt	Crack	Segment Removal	Epinucleus Removal	Cortex Removal	I/A	OVD Removal
VENTURI PUMP						
Peristaltic can be optimal for sculpt, crack and segment control while venturi is well suited for I/A.						

ELLIPS FX Handpiece



1. Longitudinal
2. Smooth, efficient cutting
CONTINUOUS TIP MOVEMENT
Control or straight tip

In both blocked and unblocked conditions, elliptical energy management maintains significantly cooler temperatures than the competitor handpiece.⁴



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3D OCT
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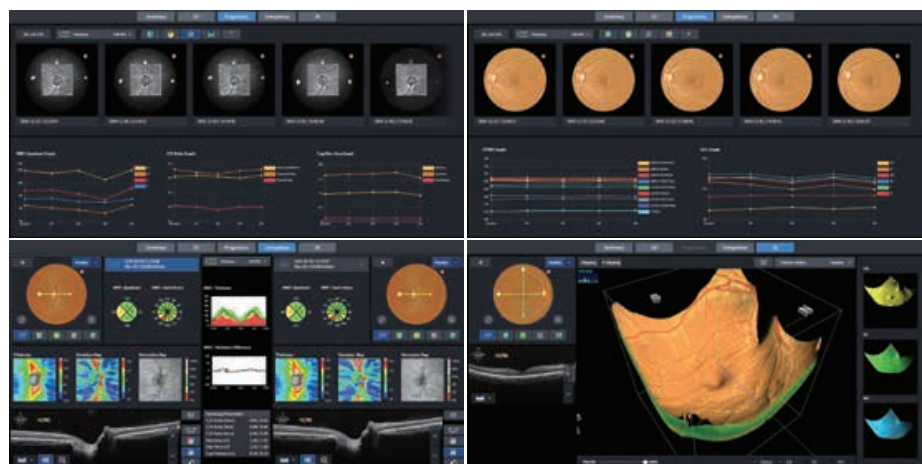
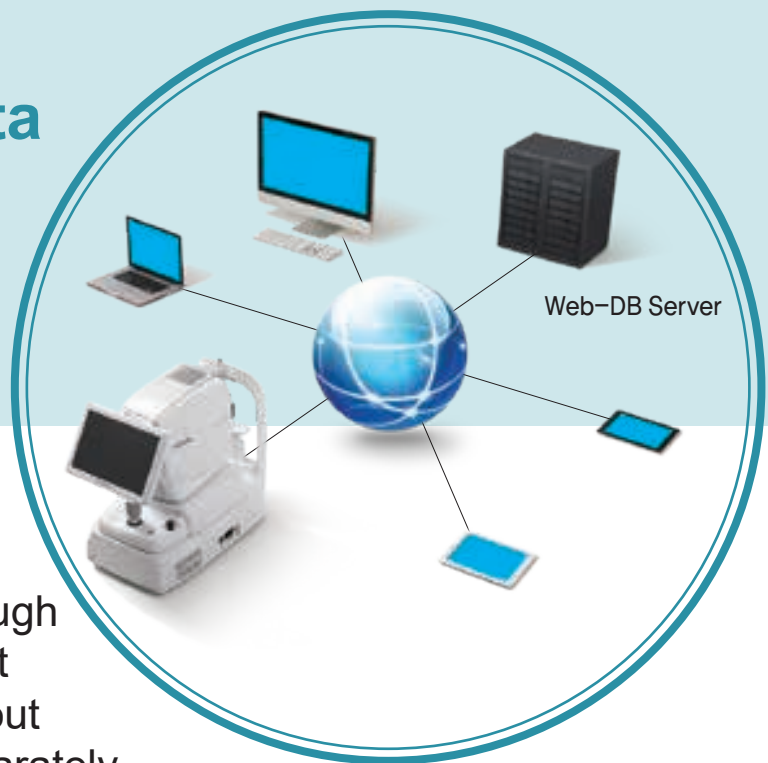
Huvitz

Pacing Progress Toward People

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

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.



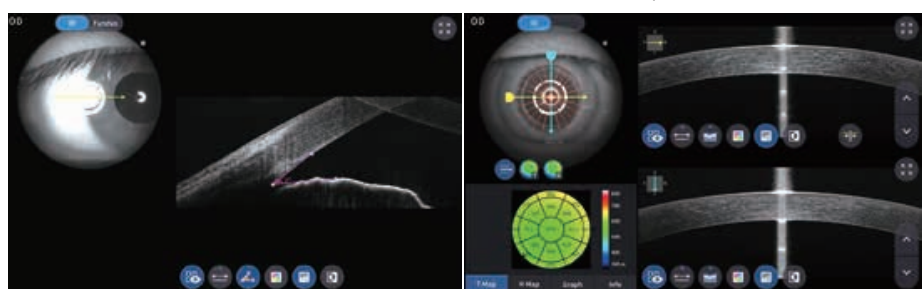
Optic Disc / Compare

Macular / 3D



Macular - Radial

Optic Disc - 3D



ACA Measurement

Corneal Thickness Measurement

VIENNA 2023

The European Society of Cataract and Refractive Surgeons evolved from the European Intraocular Implant Club which was established in 1981. The Society is administered by the ESCRS Board, a Board of Ophthalmologists elected by its members.

ESCRS was founded in 1991 to promote education and research in the field of implant and refractive surgery and to advance and promote the study and practice of ophthalmology. ESCRS has over 7,500 members from 130 countries worldwide.

ESCRS conducted 41 great congresses till now which is one of the most important events in the field of ophthalmology.

Needless to say that holding such an event, in addition to sharing the latest scientific achievements by ophthalmologists, is a great opportunity for leading companies in this field to Present their latest products and innovations and use them in the opinion of prominent ophthalmologists in the world. Amico Yasna Pars attended this event to share efforts with its business partners and benefit from the opinion of Iranian ophthalmologists.





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in small diameter increments
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alignment with the visual axis

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supports precise cuts of
corneoscleral grafts

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minimizes the need for recoloring
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Tel: +9821-71137000

Fax: +9821-71137300

2nd Floor, No. 1698, Shariati Ave., Tehran, Iran Postal Code: 1914744755

www.aypmedical.com info@aypmedical.com