



I R A N

Amico Yasna Pars

Jun 2015

Year 2, Volume 10

LEADERSHIP is the CAPACITY to translate VISION to REALITY



Inside this issue:

TECNIS 1: 2
Blue Light
Transmission

ALCON VISION 2
CARE:
AIROPTIX® for
Astigmatism

HUVITZ: 3
HRK - 7000A

ASICO: 3
Cleaning I/A Handle

Abbott Medical 4
Optics:
Venturi Pump
Technology

Upcoming Events 4

Confucius says: "The will to win, the desire to succeed, the urge to reach your full potential... these are the keys that will unlock the door to personal excellence."

Dear valuable companion

This is again another proud for us since we have your loyalty and we appreciate your belief in us and your passionate presence in **FARABI** seminar which we were looking for.

These are reminiscent of our first days when we began our job. Then we described it, followed you and your patients' needs, expanded our knowledge and portfolio, accepted and

applauded by you some times and we made a realm for you and us.

This was our **win-win-win** story.

The third win belongs to society which is served by qualified products and services. Second win belongs to you because of filling proudness due to your clients' satisfaction and the third win is ours because of having you **leaders**.

On behalf of Amico Yasna Pars Team



Blue Light Transmission (Average Cornea Eye) model & Modulation Transfer Function

Effects of reduced scotopic sensitivity

Scotopic vision declines with age, even in healthy eyes with no cataract or retinal problems.

Loss of scotopic vision in older adults has been correlated with:

- An increase in the risk of falling, hospitalization, and death.
- Night-driving difficulties.
- Peripheral vision problems.

Blue light is responsible for 35% of scotopic sensitivity. Because blue-blocking IOLs eliminate 43% of violet and 57% of blue light between 400 nm and 500 nm and it can provide up to 21% more

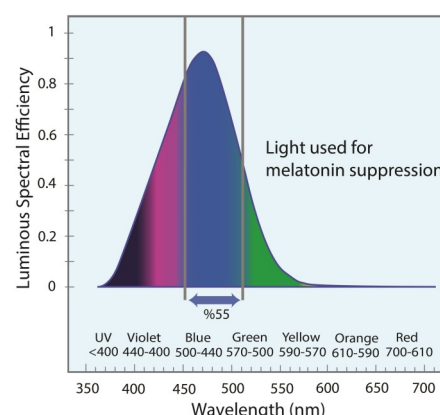
scotopic sensitivity than a blue light blocking IOL.

Also Circadian rhythms are normal 24-hour cyclic activities in the body that affect sleep pattern, mood, memory, alertness, and systemic health. Blue light helps regulate melatonin levels, which influence circadian rhythms.

A UV-only blocking IOL restores effective retinal light exposure due to age-related yellowing of the crystalline lens and may help restore melatonin suppression.

Cataract surgery with a UV-blocking IOL that transmits blue light has been proven to decrease insomnia and daytime sleepiness. This is because blue light provides

55% of melatonin suppression. Therefore, by transmitting blue light, the **TECNIS 1-Piece** IOL can provide up to 38% more melatonin suppression compared to a blue-blocking IOL.



Extracted from:
<https://amo-distributor-service.com>

AIR OPTIX[®] for Astigmatism

Main characteristics:

- Stabilizing points of the lens at 8 and 4 o'clock.
- Minimizes interaction with the lower lid for excellent comfort.
- Maximizes oxygen transmission at 6 o'clock.
- Exceptional stability, consistent rotation, and fit performance.

Predictability and stability:

- Lenses stabilize on the eye in just 30 seconds.
- 98% of lenses had 5° or less oscillation with blink.

Constant contour edge:

- Provides excellent comfort.

Wide optic zone:

- Provides excellent acuity.
- Low amount of prism in the optic zone to reduce thickness and maximize Dk/t at 6 o'clock position.

Scribe marks:

- Three scribe marks at 3, 6, and 9 o'clock make it easy to observe lens rotation and stability.

PRECISION BALANCE 8|4[™] Lens Design:

- Stabilizing points of the lens at 8 and 4 o'clock.
- Minimizes interaction with the lower lid for excellent comfort.

Alcon[®]
Vision Care



Extracted from:
<http://www.myalcon.com/>
<http://www.airoptix.com/>

Huvitz



HRK – 7000A

Auto Ref/Keratometer **HRK-7000A** is the equipment to provide the information of Spherical, Cylindrical and Axis while measuring the refraction of examinee's eyes. Auto Ref/Keratometer **HRK-7000A** is the equipment that can measure the corneal curvature of examinee. In addition, it can measure PD (=distance in between pupils) and pupil size. Especially, as it's peripheral (=corneal peripheral curvature) measurement is possible as measuring the corneal curvature of examinee. It is possible to know the information on the corneal peripheral curvature as well as the corneal core curvature, which enables the exact prescription for the examinee.

This equipment shall provide the optimal optometry information with

the functions of IOL (Measuring Intraocular lens) and Retro-Illumination (Observing Retro-Illumination) to obtain an optimal figure of the eyes' state of examinee.

CLBC (Contact Lens Base Curve) measurement is also a basic function of this product. The **HRK-7000A** is provided with an Auto-tracking function and a motorized chinrest function.

Auto-tracking mechanism automatically achieves alignment in the up/down, right/left direction and focusing. A motorized up/down chinrest allows the operator to easily adjust the height of the chinrest.

Extracted from:
<http://www.huvitz.com>

Cleaning I/A Handle

ASICO designs Injector and I/A handpiece which is found to be most common area where existing instruments in the market doesn't have to offer to controls over TASS cases. These two completely disassemble instruments are designed to achieve best thorough cleaning.

AE7-0030 - ASICO Cleaning I/A Handle:

- Compatible to all popular phaco consoles.
- Designed to be used with various I/A tips.
- Fits multiple sleeves.
- All titanium.

ASICO®



Angled Tip 900 AE7-0034
Port size: 0.30mm



Curved Tip AE7-0032
Port size: 0.30mm



Whitestar Signature system's FUSION® Pump Fluidics Management



Exclusive FUSION® Pump gives you access to both peristaltic and venturi pumps in a single cassette. At each stage of surgery, you can choose the ideal pump for your technique.

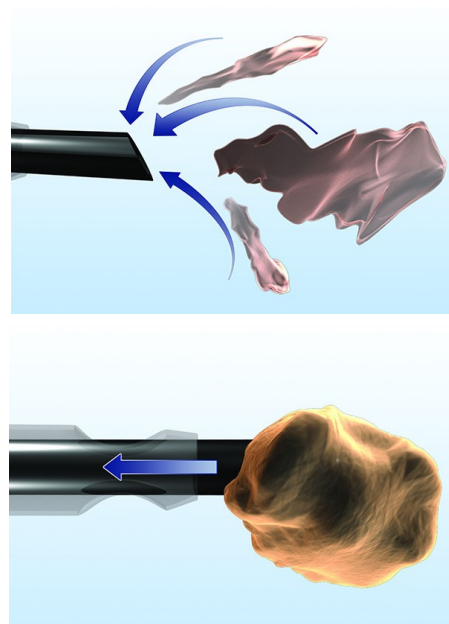
Peristaltic pump delivers:

- Excellent "holdability" through low-flow, high-vacuum fluidics.
- Enhanced control with the ability to adjust vacuum, fluid flow, and rise time.
- Keeps large lens fragments a safe distance from the posterior capsule.
- Promotes chamber stability.
- May reduce ultrasound energy required.

Venturi pump delivers:

- Excellent "followability" through low-flow, high-vacuum fluidics.
- Increased efficiency and responsiveness resulting from linking of vacuum and aspiration modes.
- Decreases lens chatter.
- May reduce effective phaco time.

With the wireless Advanced Control Footpedal, you can switch between peristaltic and venturi pumps at any time during the case by pivoting the footpedal to the left or right.



Extracted from:
<http://www.amo-inc.com/>

Upcoming Events

Amico Yasna Pars continues Participating in Seminars by;

1) **7th Annual meeting of the Tabriz Ophthalmology Association of Plastic and Reconstructive Surgery (orbit & Oculoplastic).**

- **Date:** 10th to 12th of Jun 2015.
- **Organizer:** Ophthalmology department of Tabriz University of Medical Sciences.
- **Venue:** PETROSHIMI Hotel, Tabriz.

2) **8th Annual seminar of Ophthalmology group and eye**

research center of RASOUL AKRAM hospital.

- **Date:** 29th to 31th of July 2015.
- **Organizer:** MILAD hospital with association of Iranian society of Ophthalmology.
- **Venue:** Razi hall, MILAD hospital, Tehran.



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

6th floor, No.1643, Shariati Ave, Tehran, Iran
Postal Code: 1939613881 Tel: (+98)21-22645870-71 Fax: (+98)21-22645872
Email: amicoyasnapars@amicogroup.com
Website: www.amicoyasnapars.com