

**TELEON®**

# NEWS

**40<sup>th</sup> Congress of the ESCRS**  
Milan, 16 - 20 September 2022  
MiCo - Milano Convention Centre



## Content

1. Save the Date: **Educational Symposium**
2. Save the Date: **Booth Talks**
3. **The Teleon Optical Journey** – From enhanced monofocal to high performance varifocal toric optics
4. **ALLY™** – Adaptive Cataract Treatment System – **live demo at the Teleon booth**
5. **ACUNEX® Quantum** – A quantum leap for standard monofocal cataract surgery
6. **iDea** – All-in-One platform for dry eye diagnostic – **displayed at the Teleon booth**
7. ESCRS Congress - **Abstracts | ePosters and Posters Presentation**

## Event

### Save the Date:

Don't miss our Educational Symposium  
@ ESCRS 2022 in Milan

Addressing highest individual patient demands

from state-of-the-art standard cataract  
treatment to full spectacle independence

#### A. Borkenstein, MD

*Enhanced monofocal technologies – state of the art  
standard cataract treatment and latest technologies*

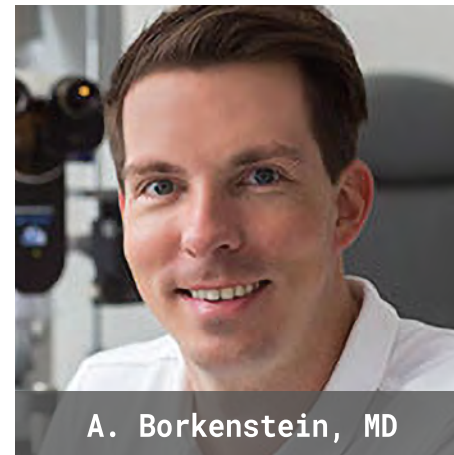
#### F. Kretz, MD (Moderator)

*Addressing highest individual patient demands –  
custom fit with rotational asymmetric IOLs*

#### P. Versace, MD

*ALLY™ FLACS & rhaxis fixed IOL options – the perfect match  
(Lensar ALLY™ & rotational asymmetric premium optics on  
FEMTIS® platform)*

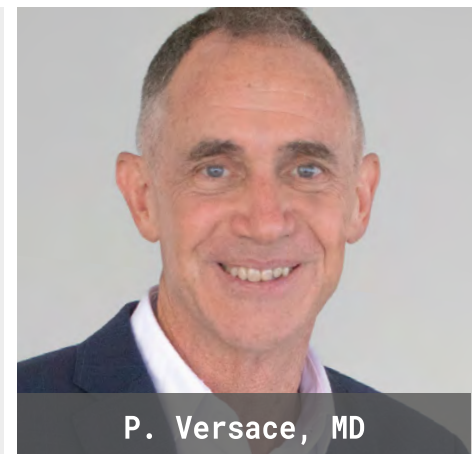
**Sunday 18.09.2022, 09:30 – 10:30 am**  
(Room: Blue 1)



A. Borkenstein, MD



F. Kretz, MD



P. Versace, MD

## Event

### Save the Date:

**Don't miss our Booth Talks  
in Hall 4 @ Booth 32**

**Friday 16.09.2022, 03:00 pm**

#### **F. Kretz**

*Refractive EDOF & multifocal technologies –  
Blended vision with MF15 & MF30 optical designs*

**Saturday 17.09.2022, 10:00 am**

#### **P. Versace, MD**

*ALLY™ & FEMTIS® IOL – the perfect match for  
highest demands and excellent results*

**Saturday 17.09.2022, 02:00 pm**

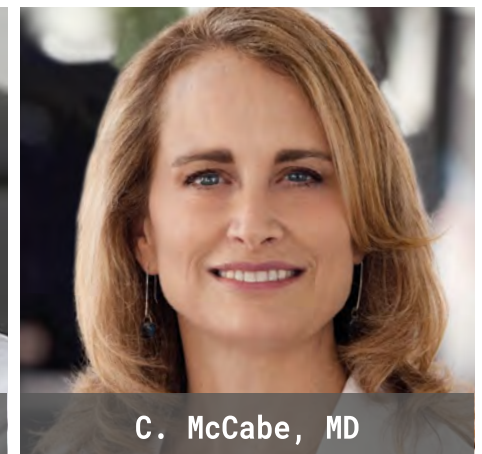
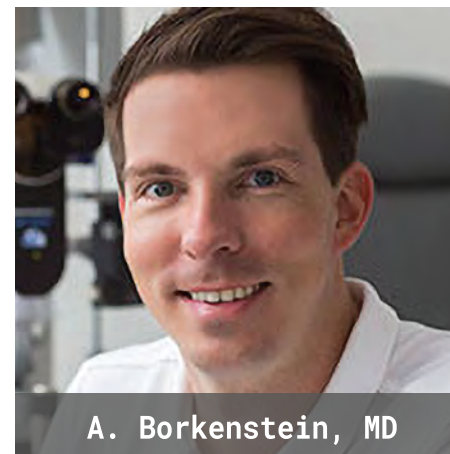
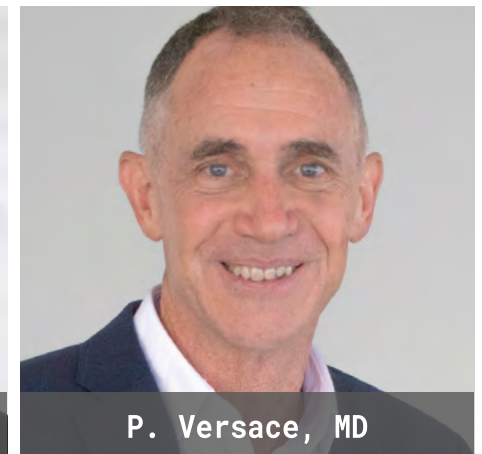
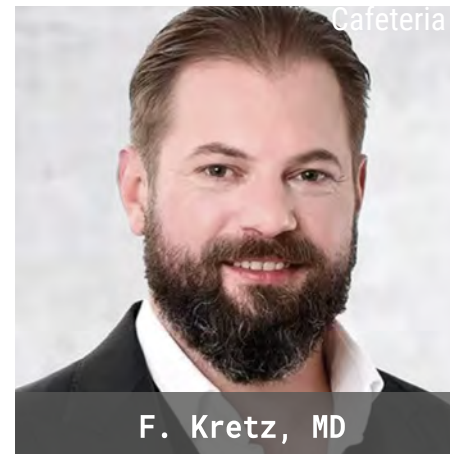
#### **A. Borkenstein, MD**

*Enhanced monofocal technologies –  
LENTIS® & ACUNEX® Quantum*

**Sunday 18.09.2022, 02:00 pm**

#### **C. McCabe, MD**

*ALLY™: First impressions and technical details*



## Publication

### The Teleon Optical Journey

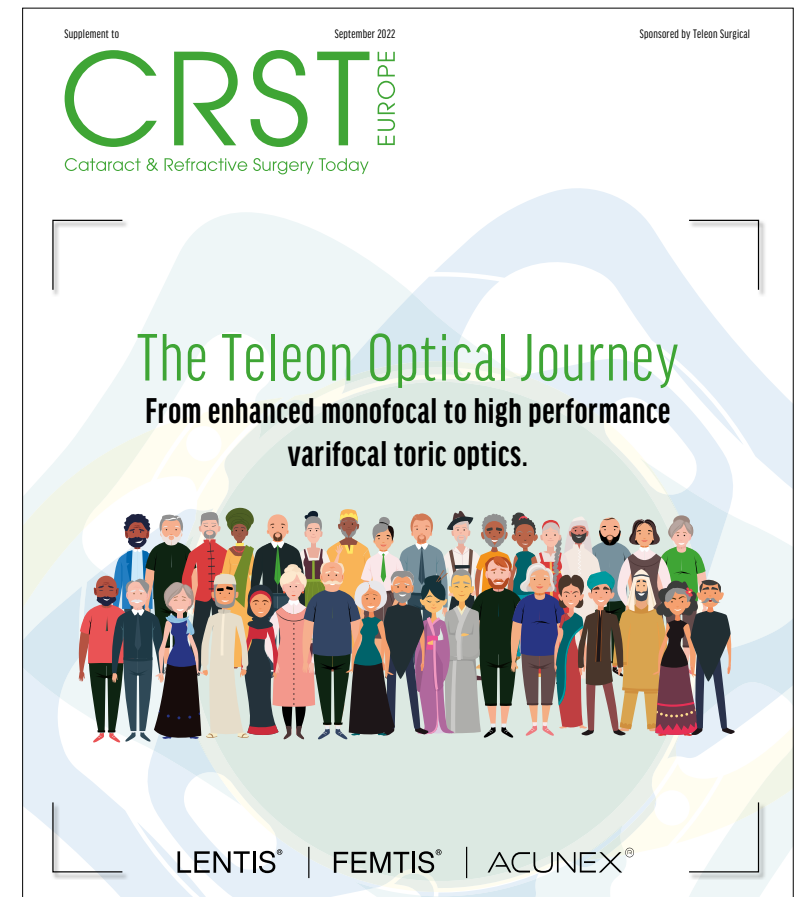
## from enhanced monofocal to high performance varifocal toric optics

Our new **CRST supplement** features exciting case studies, showing that an IOL solution exists for every patient.

### Topics

- **Enhanced Monofocal IOLs:** The New Standard of Care These IOLs have many advantages over monofocal IOLs with an aspheric design. (By Andreas F. Borkenstein, MD )
- **Indications for the FEMTIS® IOL** This lens clamps into the automated capsulotomy, ensuring proper centration and positioning. (By Detlef Holland, MD)
- **Varifocal IOLs** Premium care with the ACUNEX® Vario brings peace of mind. (By Florian T.A. Kretz, MD)
- **Customized Blended Vision With the LENTIS® Mplus Toric** Implanting two different models of the same IOL family in patients' eyes can provide many advantages. (By Simon Leicht, FEBO)
- **Astigmatism Management** It's not as challenging as one might think. (By Francis Roy, MD, and Minas Coroneo, BSc (Med) MB BS MSc Syd, MD MS UNSW, FRACS, FRANZCO, FARVO)

Get your digital issue at [www.teleon-surgical.com](http://www.teleon-surgical.com)





## New - Product Launch

Live demo at the Teleon booth:

### ALLY™ Adaptive Cataract Treatment System

Book your timeslot now!



ALLY™

ALLY™ is the first platform to combine world class imaging and next generation dual-pulse femtosecond laser in a single system. ALLY™ is the future of cataract surgery.

### Designed to change the paradigm in cataract surgery

This compact system will fit in any OR or in-office surgery suite providing:

- Ability to perform a complete sterile FLACS procedure
- A superior surgical workflow for a better surgeon and patient experience
- Significantly reduced cataract surgery times

### Increased efficiencies

ALLY™ will enable the seamless transition from femto to phaco performed in a sterile environment.

### Adaptive procedure

ALLY™ leverages best-in-class imaging to optimize all aspects of cataract surgery for a truly adaptive procedure.

- Precise corneal incisions
- Automated capsulorhexis centration
- Tissue-specific femtosecond laser treatment
- Astigmatic management

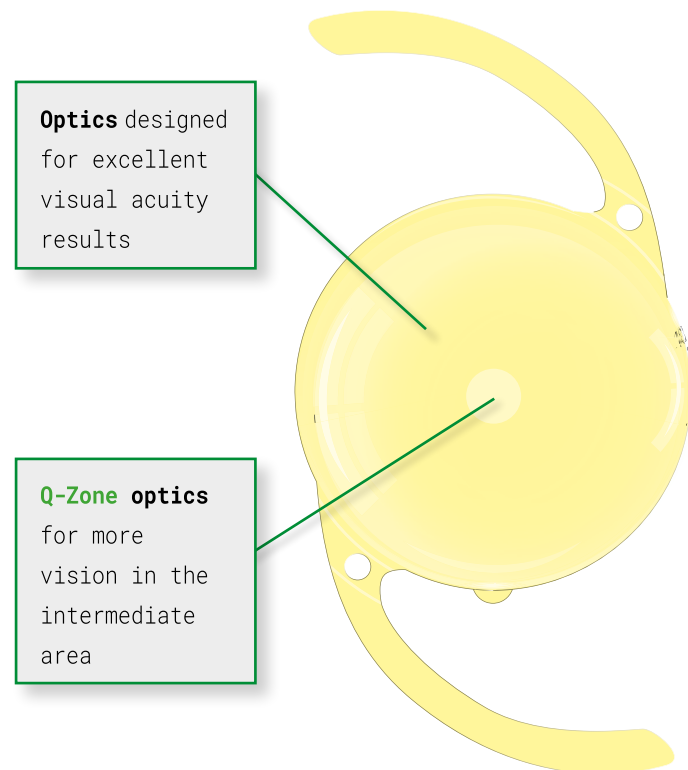


## New - Product Launch

# ACUNEX® QUANTUM

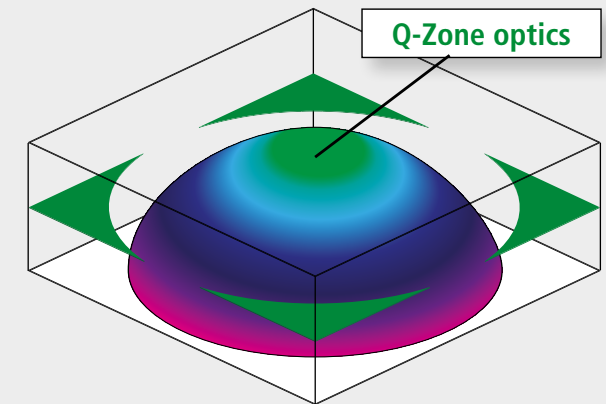
## A quantum leap for standard monofocal cataract surgery

### The latest innovation in the ACUNEX® IOL family

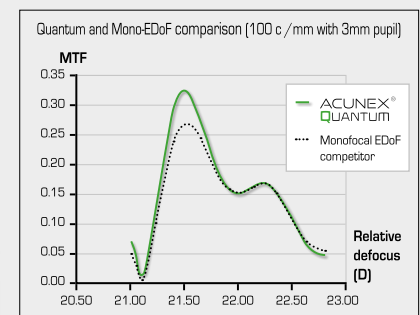
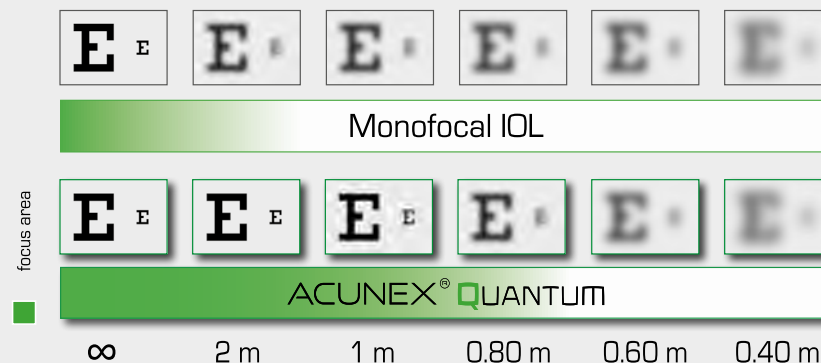


### Q-Zone technology

- New, progressive surface profile
- Smooth, stepless transition without any undesirable visual side effects
- Vital for better eyesight compared to monofocal with more depth of vision



### Enhanced-Monofocal – 1 focus area, better depth of vision



Source: data on file

## New - Product Launch

Displayed at the Teleon booth:

**iDea – All-in-One platform for Dry Eye diagnostic**



iDea

### Quick diagnostic of tear film

iDea is the new instrument for individual analysis of the tear film that allows to carry out a quick and detailed structural research of the tear composition. Research on all layers (Lipid, Aqueous, Mucin) and Meibomian Glands.

### Identification of dry eye type

Thanks to the new device it is possible to identify the type of Dry Eye Disease (DED) and determine which components can be treated with a specific treatment, in relation to the type of deficiency.

### Testing options with iDea

- Interferometry   ■ Tear meniscus   ■ NIBUT (non-invasive break up time)
- Meibography   ■ Blepharitis   ■ Ocular redness classification
- Pupillometry   ■ White to white measurement

### Auto Interferometry

With iDea, interferometry is simple, fast and automatic. Software automatically detects the stained lipids on the patient's eye and determines the lipid layer thickness (LLT) based on Guillon's international OD study.\*

### Automatic measurement of

- Maximum lipid layer thickness   ■ Average thickness   ■ Blinking rate

\* Guillon JP. Non-invasive Tearscope Plus routine for contact lens fitting. Cont. Lens Ant. Eye. 1998



## ESCRS Congress

### Abstracts | ePosters

#### ACUNEX® VARIO

**David Lucht**, MD (Germany)

##### REAL-WORLD EVALUATION OF BLENDED VISION WITH A REFRACTIVE LOW ADD EDOF IOL WITH BLUE LIGHT FILTER

**Methods:** Patients (20 eyes of 10 patients) underwent bilateral implantation of refractive low add EDoF IOL with blue light filter (1.5D addition, ACUNEX® Vario, AN6V; Teleon Surgical B.V., Netherlands). Target refraction was emmetropia in the dominant eye and -1.5D in the non-dominant eye. Three months after surgery, we assessed the real world binocular defocus capacity, halo and glare phenomena and stereoscopic vision.

ID. PO 090



#### LENTIS® QUANTUM

**Lena Beckers**, MD (Germany)

##### INITIAL CLINICAL RESULTS AND QUALITY OF VISION WITH A NEW ENHANCED MONOFOCAL IOL

**Methods:** In all eyes (n=18), a hydrophilic enhanced monofocal IOL (LENTIS® L-333, Teleon Surgical GmbH) was implanted. We retrospectively as part of a quality management of lenses assessed subjective refraction, monocular and binocular uncorrected and best distance corrected visual acuity for far and intermediate distances, and binocular defocus capacity after 3 months postoperatively. Halo and glare phenomena are evaluated.

ID. PO 101



#### ACUNEX® VARIO<sub>toric</sub>

**Detlev Breyer**, MD (Germany)

##### FIRST EVALUATION OF A NEW REFRACTIVE LOW ADD EDOF TORIC IOL WITH BLUE LIGHT FILTER

**Methods:** Patients (n=15) underwent bilateral implantation of refractive low add EDoF toric IOL with blue light filter (+1.5D addition, ACUNEX® Vario Toric, AN6VT; Teleon Surgical B.V., Netherlands). We assessed the subjective refraction and rotational stability after 3 months, postoperatively.

ID. PO 174





## ESCRS Congress

### Abstracts | ePosters

#### LENTIS® Mplus<sup>toric</sup>

**Benjamin Gerardo G. Cabrera**, MD (Philippines)

#### CUSTOMIZED PRESBYOPIA-CORRECTING INTRAOCULAR LENS IMPLANTS (IOLS) IN PATIENTS WITH EXTREMELY HIGH ERRORS OF REFRACTION

**Methods:** Patients were screened from March 2019 to March 2022 and treated by a single surgeon with the intention of providing the best possible spectacle-free option post cataract surgery or refractive lens exchange. All patients were seen in a private clinic in Metro Manila, Philippines and underwent either phacoemulsification or Femtosecond Laser Assisted Cataract Surgery, under topical anesthesia, with implantation of a customized IOL implant (Lentis Mplus multifocal IOL), which has refractive technology with an innovative sector shaped near vision segment. The unique design affords minimal to no haloes, ghosting, or glare. Its advantages include high contrast sensitivity, no image jumps, pupil independence, and increased depth of focus.

ID. PO 201



#### FEMTIS® Mplus | FEMTIS® Comfort

**Jung Wan Kim**, MD (South Korea)

#### COMPARISON OF CLINICAL OUTCOMES BETWEEN TWO TYPES OF MIX-AND-MATCH IMPLANTED FEMTIS® COMFORT - LENTIS® MPLUS MF30 AND FEMTIS® COMFORT - FEMTIS® MPLUS MF30 INTRAOCULAR LENSES

**Methods:** A total of 36 eyes of 18 patients with mix-and-match implanted FEMTIS® Comfort FB-313 MF15 and LENTIS® Mplus LS-313 MF30 IOLs (FEMTIS® 15 - LENTIS® 30 group) and 34 eyes of 17 patients with mix-and-match implanted FEMTIS® Comfort FB-313 MF15 and FEMTIS® Mplus FB-313 MF30 IOLs (FEMTIS® 15 - FEMTIS® 30 group) were enrolled. Binocular corrected distance visual acuity (CDVA) at 5 m, uncorrected near visual acuity (UNVA) at 40 cm, and monocular and binocular defocus curves were measured at 2 months after surgery. Modulation transfer function (MTF), Strehl ratio, objective scatter index (OSI) were measured using Optical Quality Analysis System (OQAS). binocular defocus capacity after 3 months postoperatively. Halo and glare phenomena are evaluated.

ID. PO 217



## ESCRS Congress

### Posters Presentation

#### FEMTIS® Comfort

18.09.2022 05:00 - 06:00 pm, Session 1 - IOLs Other

Detlef Holland, MD (Germany)

SAFETY AND EFFICACY AFTER IMPLANTATION OF THE FEMTIS® COMFORT LENS USING THE LENSAR™ LASER SYSTEM IN A FOLLOW UP OF FIVE YEARS - A SERIES OF 30 EYES



## YOUR ULTIMATE IOL POWERHOUSE



## Opening hours

Friday 16 Sept. 13:00 – 18:00

Saturday 17 Sept. 09:00 – 18:00

Sunday 18 Sept. 09:00 – 18:00

Monday 19 Sept. 09:00 – 18:00

**Booth No. 32, Hall 4**

