TELEON®

RECOMMENDED POSTER AND FREE PAPER SESSIONS

FREE PAPER SESSION

To evaluate the effect of angle alpha on image quality metrics in eyes with asymmetric refractive EDOF IOLs

Sunday, 14. Sept. 2025 | 3.05pm – 3.10pm | Hall B3-M5 (Free paper podium 1)

We did not find any effect of angle alpha on internal HOA and image quality metrics in eyes with asymmetric refractive EDOF IOLs.

Siddharth Sheth (India)

Save the Session

LENTIS® Comfort

Comparison Of Clinical Outcomes And Visual Quality Between Two EDOF IOLs

Sunday, 14. Sept. 2025 | 3.25pm – 3.35pm | Hall B3-M5 (Free paper podium 1)

Both Extended Depth of Focus (EDOF) intraocular lenses (IOLs) demonstrated favorable outcomes in distance and intermediate vision, along with high levels of patient satisfaction. Nonetheless, the Comfort IOL exhibited a marginal superiority over the Vivity IOL concerning photic phenomena and contrast sensitivity.

Roger Zaldivar (Argentina)

Save the Session

LENTIS® Comfort

Rotationally Asymmetric Refractive Low Addition Multifocal IOL Implantation In Patients With Previous Corneal Laser

Sunday, 14. Sept. 2025 | 5.10pm – 5.15pm | Hall B3-M5 (Free paper podium 1)

Our study demonstrated efficacy and safety of a rotationally asymmetric refractive low addition multifocal IOL (LENTIS Mplus +1.5, Teleon) implanted in eyes with prior myopic corneal ablation. It provided good levels of patient satisfaction and spectacle independence.

Kateřina Nouzovská (Czech Republic)

Save the Session

LENTIS® Comfort

LENTIS® Mplus

Clinical Outcomes Following Capsulotomy Versus Capsular Bag Fixated Presbyopia Correcting Toric Intraocular Lenses

Sunday, 14. Sept. 2025 | 5.30pm – 5.35pm | Hall B3-M5 (Free paper podium 1)

Both the FEMTIS Mplus toric and PanOptix toric IOLs deliver excellent visual outcomes, each with its own strengths. The FEMTIS IOL excels in distance vision, rotational stability, and demonstrates lesser dysphotopsia, while the PanOptix IOL offers superior intermediate vision. Personalized patient selection remains key to optimizing visual outcomes and overall satisfaction. This study aims to support clinicians in educating patients about their IOL options, ensuring they can make well-informed decisions that align with their unique needs and lifestyle.

Akanksha Sharma (India)

Save the Session

FEMTIS® Mplus toric

Intraoperative Learning Curve Using Anterior Capsule Fixation IOL

Tuesday, 16. Sept. 2025 | 12.25pm–12.30pm | Hall B3-M5 (Free paper podium 1)

The learning curve with anterior capsule fixation lenses is short, and can be overcome following 10 cases.Variation in technique will allow implantation in complex situations, in addition care should be noted following viscoelastic removal to avoid flange subluxation.

Jodhbir S Mehta
(Singapore)

Save the Session

FEMTIS® Mplus

FEMTIS® Comfort

PRESENTED POSTER

Effect Of Glare On Contrast Sensitivity In Eyes Implanted With Asymmetric Refractive And Non Diffractive EDOF IOL

Sunday, 14. Sept. 2025 | available from 9.25am | Balcony 2 (Presented poster Pod 1)

We did not find any effect of glare on contrast sensitivity in eyes implanted with asymmetric refractive and non diffractive EDOF IOL.

Siddharth Sheth
(India)

Save the Session

LENTIS® Comfort

Higher Order Aberrations And Modulation Transfer Function In Eyes With Asymmetric Refractive EDOF And Trifocal IOL

Monday, 15. Sept. 2025 | available from 2.30pm | Balcony 2 (Presented poster Pod 1)

We noted similar internal HOA and MTF in eyes implanted with asymmetric refractive EDOF and trifocal IOL.

Siddharth Sheth
(India)

Save the Session

LENTIS® Comfort

Intra-Individual Comparison Of Two Refractive Depth Of Focus Intraocular Lenses Set For Emmetropia.

Monday, 15. Sept. 2025 | available from 2.30pm | Balcony 2 (Presented poster Pod 1)

**Preliminary data in 31 patients showed good visual performance at the first follow up visit.
More conclusive, comparative data from the last follow-up visit will be presented at the congress.**

Johannes Zeilinger
(Austria)

Save the Session

ACUNEX® VARIO

MF15 Comfort Optic Is There A One And Only EDOF Optic?

Monday, 15. Sept. 2025 | available from 2.50pm | Balcony 2 (Presented poster Pod 1)

Rotational asymmetric EDOF IOLs effectively meet the AAO & strict definition by providing continuous, high-quality vision across a 1.5 D range with minimal halos and glare. Their unique optical design ensures superior contrast sensitivity and stable visual performance, leading to high patient satisfaction. Clinical and literature data confirm that these lenses offer the best balance of extended depth of focus and reduced visual disturbances, making them the EDOF IOL choice for cataract and refractive surgery.

Lena Beckers
(Germany)

Save the Session

LENTIS® Comfort

Functional Outcomes After Implantation Of Two Toric EDOF IOLs With A Refractive Technology and Monofocal-Like Dysphotopsia Profile

Monday, 15. Sept. 2025 | available from 3.10pm | Balcony 2 (Presented poster Pod 1)

The initial results show good visual acuity and reduced photopic phenomena. In particular, patients reported little to no photopic phenomena during halo and glare simulations. Both IOLs show good rotational stability. The calculation of the IOL power for the lenses and the implantation behavior are straightforward.

Timur M. Yildirim
(Germany)

Save the Session

LENTIS® Comfort toric
FEMTIS® Comfort toric

Clinical Outcomes And Patient-Reported Visual Performance After Lensectomy With Rotationally Asymmetric Multifocal IOL Implantation In Patients With Previous Hyperopic Refractive Surgery

Friday, 12. Sept. 2025 | 8.00am - 6.00pm | On demand

After cataract surgery, the LENTIS Mplus multifocal intraocular lens (IOL) was able to successfully improve the visual and refractive results at far and near distance in patients who had previously undergone hyperopic refractive surgery.

Alexander II Lanzuela Gonzales
(Spain)

Save the Session

LENTIS® Mplus

Clinical Outcomes And Patient-Reported Visual Performance After Unilateral Cataract Surgery With Rotationally Asymmetric Multifocal IOL Implantation

Friday, 12. Sept. 2025 | 08.00am – 6.00pm | On demand

Unilateral implantation of the multifocal IOL (LENTIS Mplus LS-313 MF30 or LENTIS MplusX, Teleon) is well tolerated and effective in improving visual function in unilateral cataract patients. It provides spectacle-independent vision from far to near, with high refractive predictability, stable optical quality, and minimal optical side effects.

Alexander II Lanzuela Gonzales
(Spain)

Save the Session

LENTIS® Mplus

Defocus curve showed that both IOL performed similar till intermediate distance

Friday, 12. Sept. 2025 | 8.00am – 6.00pm | On demand

Defocus Curve In Eyes With Asymmetric Refractive And non-diffractive EDOF IOL.

Siddharth Sheth
(India)

Save the Session

LENTIS® Comfort

Higher Order Aberrations And Modulation Transfer Function In Eyes With Asymmetric Refractive And Non-Diffractive EDOF Iols

Friday, 12. Sept. 2025 | 8.00am – 6.00pm | On demand

Internal HOA up to fourth order was similar with both the IOLs however secondary coma and pentafoil were reduced with non diffractive IOL. MTF were also found to be similar in eyes implanted with both IOLs.

Siddharth Sheth
(India)

Save the Session

LENTIS® Comfort

Beyond Multifocals: Spectacle-Free Vision Using Mini-Monovision With The LENTIS Comfort EDOF Intraocular Lens

Friday, 12. Sept. 2025 | 8.00am – 6.00pm | On demand

The LENTIS Comfort EDOF IOL with a mini-monovision strategy (dominant eye plano, non-dominant eye - 0.50D) provides excellent binocular distance and intermediate vision, with functional near vision and high spectacle independence. The binocular defocus curve confirms a smooth transition across vergence levels, optimizing real-world visual performance. These findings suggest that the LENTIS Comfort IOL is a viable option for presbyopia correction with minimal visual disturbances.

Vicente Lorenzo Cabahug (Philippines)

Save the Session

LENTIS® Comfort

Advanced Iol Solutions: FEMTIS Mplus In A Patient With Compromised Posterior Capsule Integrity

Friday, 12. Sept. 2025 | 8.00am – 6.00pm | On demand

The integration of FLACS with anterior capsular-fixated multifocal toric IOLs, such as the FEMTIS Mplus IOL, represents a promising approach ensuring superior IOL stability, excellent visual outcomes, and enhanced patient satisfaction, making it a viable alternative for achieving spectacle independence in cases where traditional fixation techniques may not be suitable.

Akanksha Sharma (India)

Save the Session

FEMTIS® Mplus

Rotational Asymmetry And Its Benefits

Friday, 12. Sept. 2025 | 8.00am – 6.00pm | On demand

Asymmetric refractive segmental EDOF IOLs offer advantages over traditional symmetric EDOF designs, providing reduced halos and glare, and better contrast sensitivity, especially in low-light conditions.

Lena Beckers (Germany)

Save the Session

LENTIS® Comfort

GET INSPIRED BY OUR PASSION FOR PERFECT VISION

ESCRS

Copenhagen | 12. to 16. September 2025
Booths E.237 & E.145

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