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PRESBYOPIA 2024

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Ophthalmopreneurs
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STAAR Surgical
Lake Forest, CA, USA

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Lambda-X
Nivelles, Belgium

Aylin Kilic, MD

Swiss Vision Group
Istanbul, Turkey

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Truhlsen Eye Institute
University of Nebraska
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Jonathan Moore, MD

Cathedral Eye Clinic
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Michael Mrochen, PhD

IROC Science AG
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Bresciano Eye Center
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Julie Schallhorn, MD, MS

UCSF Health
San Francisco, CA, USA

Paolo Soleri, PhD

Ophthec BV
Groningen, The Netherlands

Karl Stonecipher, MD

Piedmont Eye Laser
& Surgical Center
Greensboro, NC, USA

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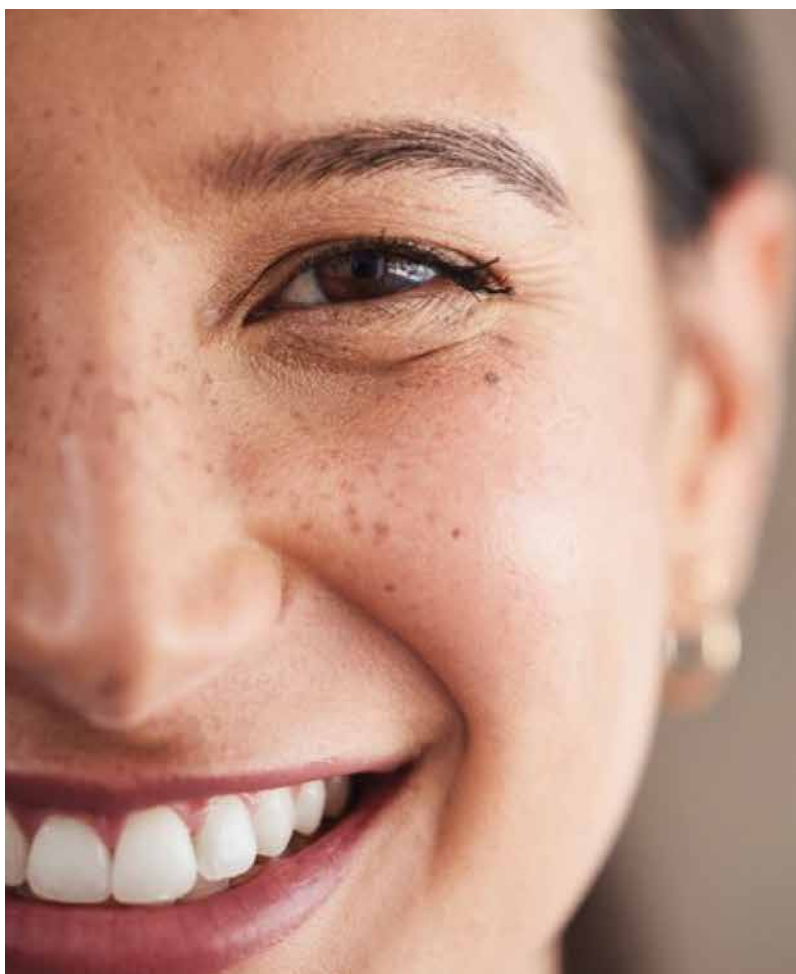


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SESSION I: Accommodation Mechanisms
and Measurement
Moderator: Susana Marcos, PhD

- 8:30 – 8:35 AM** **Introduction**
Dan Neal, PhD
- 8:35 – 8:50 AM** **Quantifying the Ciliary Muscle
in Accommodation and Aging**
Marco Ruggeri, PhD
- 8:50 – 9:00 AM** **The Role of the Zonulae
on Accommodation**
Derek Nankivil, PhD
- 9:00 – 9:10 AM** **Quantifying the Crystalline Lens:
Insights from Structure, Optics
and Biomechanics**
Susana Marcos, PhD
- 9:10 – 9:20 AM** **Magnetic Resonance Imaging of
the Human Lens: New insights into
the physiological basis of
accommodation and presbyopia**
Paul Donaldson, PhD
- 9:20 – 9:30 AM** **Aberrometry-based Assessment
of Dynamic Accommodation**
Dan Neal, PhD
- 9:30 – 9:40 AM** **Exhaustive Characterization of
Intraocular Lenses at your Fingertips**
Luc Joannes, PhD
- 9:40 – 9:50 AM** **Rejuvenating Accommodation
Back to Dynamic Acuity**
John Marshall, PhD

SESSION II: What's New in Blended
Monovision?
Satish Herekar, MS

- 9:50 – 10:00 AM** **Prescribing Monovision:
A Change in Paradigm**
Kendall E. Donaldson, MD
- 10:00 – 10:10 AM** **Presbyond: Presbyopia Correction
in the Absence of Cataract**
Andrea Russo, MD, PhD
- 10:10 – 10:20 AM** **The Duesseldorf Formula -
Blended Vision With An EDOF IOL**
Detlev Breyer, MD
- 10:20 – 10:35 AM** **Debate: Blended Vision vs. Tradition-
al Cataract Surgery, Weighing the
Evidence for First-Line Use**
Ronald Krueger, MD
- 10:35 – 10:55 AM** **Coffee Break**

SESSION III: Innovative Approaches
Dan Neal, PhD

- 10:55 – 11:05 AM** **LIRIC Manufactured Lenses**
Wayne Knox, PhD
- 11:05 – 11:15 AM** **Towards Biological Corneal Inlays for
Presbyopia: Overview Presentation
on the Different Technologies**
Michael Mrochen, PhD
- 11:15 – 11:25 AM** **Clinical Validation of Corneal
Reshaping by Allograft Inlays**
Aylin Kilic, MD
- 11:25 – 11:35 AM** **The Future of Smart Contact Lenses**
Enrique Vega, MBA

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11:35 – 11:45 AM **Artiplus Phakic IOL**
Paolo Soleri, PhD

11:45 – 11:55 AM **Combined Approach with EDOF Lenses – Visual Performance and Patient Preference with AT LARA and AT LISA tri**
Jonathan Moore, MD

11:55 – 12:05 PM **Introduction of a Next Generation Presbyopia Correcting IOL**
Henk Weeber, PhD

12:05 – 1:25 PM **Group Luncheon and Networking**
Azimut Restaurant

SESSION IV: **Educating the Patient on Presbyopia Alternatives**
Satish Herekar, MS

1:25 – 1:35 PM **How Do I Explain and Choose: Laser vs. IOL Surgery**
Victor Derhartunian, MD

1:35 – 1:45 PM **Helping Patients and Doctors to Understand Symptoms**
Scott McRae, MD

1:45 – 1:55 PM **Educating Through Scientific Evidence**
Joaquin Fernandez, MD, PhD

1:55 – 2:05 PM **Seeing is Believing: An Interactive Session with SimVisGekko**
Roger Zaldivar, MD

2:05 – 2:15 PM **A Patient-centric Practice**
Amanda Carones, MPH

SESSION V: **EDOF IOLs**
Susana Marcos, PhD

2:15 – 2:25 PM **Clinical Trial Results for the Viva Toric EDOF ICL**
Robert Ang, MD

2:25 – 2:35 PM **EDOF and Multifocal IOLs: Data from Pre-market FDA Approval**
Julie Schallhorn, MD

2:35 – 2:45 PM **New Developments on Isofocal Technology**
Christof Pagnoule, PhD

2:45 – 2:55 PM **Small Aperture Lenses in the Normal and Highly Aberrated Eye**
Karl Stonecipher, MD

2:55 – 3:05 PM **Refractive EDOF IOLs and the Effect of Defocus on Dysphotopsias**
Aixa Alarcon, PhD

3:05 – 3:15 PM **Bilateral Implantation of an Extended Depth of Focus Intraocular Lens in Eyes with Early and Moderate Glaucoma**
Merce Guarro, MD

3:15 – 3:35 PM **Coffee Break**

SESSION VI: **Accommodating IOLs**
Keith Holliday, PhD

3:35 – 3:45 PM **Design Ex Situ and In Vivo Results of the Jellissee Accommodation IOL**
Jim Ellis, MD

3:45 – 3:55 PM **Solving the Problem of Presbyopia with the Adaptilens Biomimetic Accommodating IOL**
Liane Clamen, MD

3:55 – 4:05 PM **Long-term Performance of a Dual-optic Presbyopia-correcting Lens for Cataract Surgery**
Fritz Hengerer, MD

4:05 – 4:13 PM **First Results from the Lumina Presbyopia Correcting Intraocular Lens Study in the Netherlands and Germany**
Stefan Coppens, MD

4:13 – 4:21 PM **Accurate Sulcus Measurement to Enable Lens Sizing for Presbyopia Correcting IOLs**
Timo Eppig, PhD

SESSION VII: **Managing Emmetropic Presbyopes and Accommodation Restoration**
Ron Krueger, MD

4:21 – 4:31 PM **Magnitude of the Problem/Market Size**
Kazuno Negishi, MD

4:31 – 4:41 PM **Modelling the Influence of Pupil Diameter and Corneal Spherical Aberration on the Performance of Premiums IOLs**
Damien Gatinel, MD, PhD

4:41 – 4:51 PM **Topical Therapies for the Treatment of Presbyopia**
Marguerite McDonald, MD

4:51 – 5:01 PM **Presbyopia Pathogenesis, Biomechanical Dysfunction and Laser Scleral Microporation (LSM) therapy.**
AnnMarie Hipsley, DPT, PhD

5:01 – 5:16 PM **Laser Sclerociliary Translocation for the Correction of Presbyopia**
Ivey Thornton, MD

5:16 – 5:31 PM **Lens and Scleral-based AR with Micro-Shock Waves**
Ronald Krueger, MD

5:31 – 5:36 PM **Discussion/Wrap-up**
Dan Neal, PhD

5:36 – 6:36 PM **Reception**
Sedna Foyer



MARK YOUR CALENDAR

THURSDAY, SEPTEMBER 11, 2025

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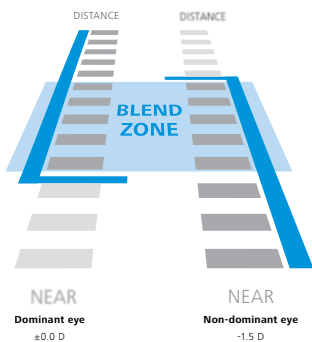


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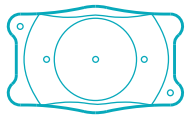
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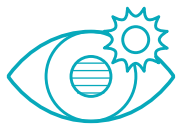
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INDICATIONS: The EVO I EVO+ ICL is indicated for phakic patients 21–60 years with an anterior chamber depth (ACD) 2.8 mm or greater to correct/reduce myopia ranging from -0.5 diopters to -20.0 diopters with up to 6.0 D of astigmatism. The EVO I EVO+ ICL is intended for placement in the posterior chamber of the eye.

WARNING/PRECAUTION: Careful preoperative evaluation and sound clinical judgment should be used by the surgeon to decide the risk/benefit ratio before implanting a lens in a patient with any of the conditions described in the DFU. Prior to surgery, physicians should inform prospective patients of possible risks and benefits associated with the EVO I EVO+ ICL.

ATTENTION: Reference the EVO I EVO+ ICL DFU available at <https://edfu.staar.com/edfu/> for a complete listing of indications, contraindications, warnings and precautions.

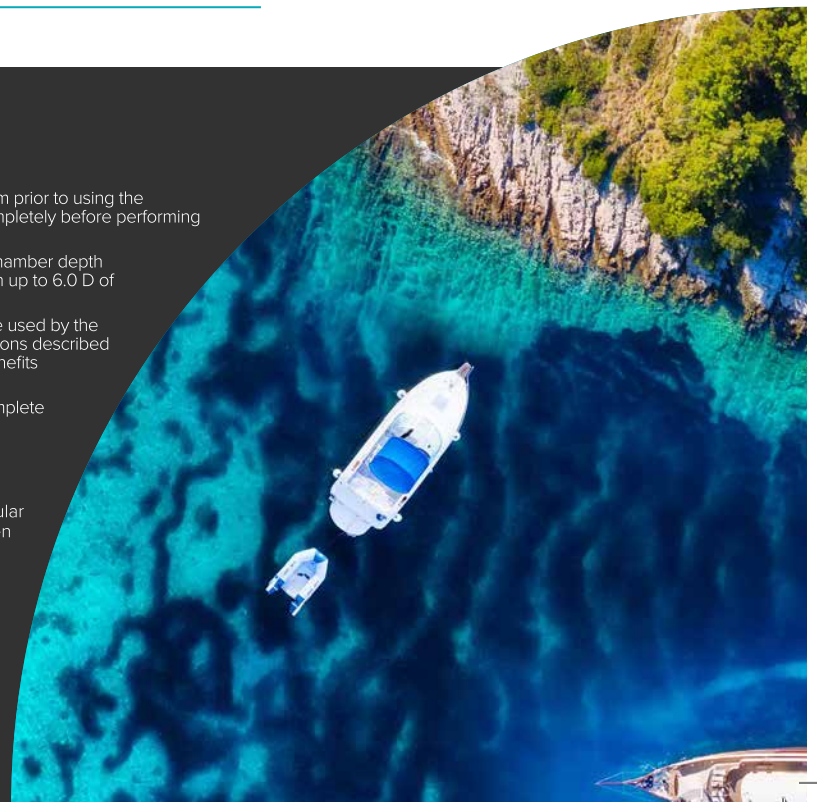
Note: Indications vary by country. Please refer to your country-specific DFU.

REFERENCES

1. Schild G, Amon M, Abela-Formanek C, Schauersberger J, Bartl G, Kruger A. Uveal and capsular biocompatibility of a single-piece, sharp-edged hydrophilic acrylic intraocular lens with collagen (Collamer®): 1-year results. *J Cataract Refract Surg*. 2004;30(6):1254-8.
2. Brown DC, Ziembra SL. Collamer® intraocular lens: clinical results from the US FDA core study. *J Cataract Refract Surg*. 2001;27(6):833-40.

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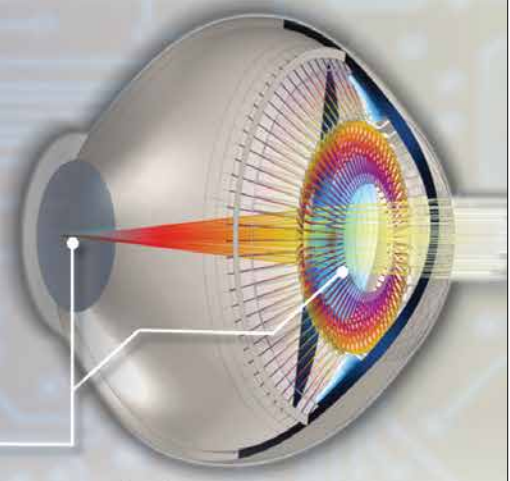
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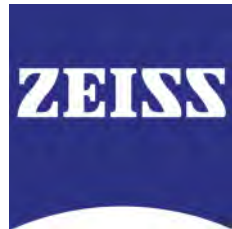
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