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PRESBYOPIA 2025

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EyeLaser Vienna
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Hanita Lenses
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Vision Scotland
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Alotex
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WaveFront Dynamics
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David O'Brart, MD
London Medical
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Anglia Ruskin University
Cambridge, UK

Dan Reinstein, MD
London Vision Clinic
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Julie Schallhorn, MD, MS
UCSF Health
San Francisco, CA, USA

David Smadja, MD
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Piedmont Eye Laser & Surgical Center
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Patrick Versace, MD
Lasersight Australia
Bondi Junction, Australia

James Wolffsohn, PhD
Aston University
Birmingham, UK

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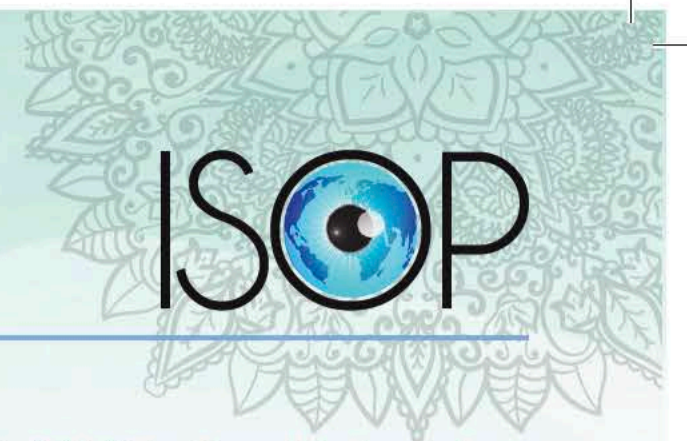
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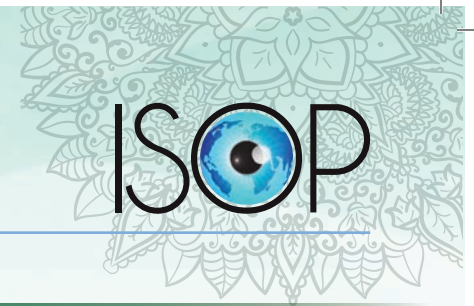
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¹ Based on worldwide IOL unit sales of AcrySof IQ Vivity and Clareon Vivity as of 2024. [†] AcrySof IQ Vivity and Clareon Vivity are optically equivalent. [§] Results from a prospective/retrospective, multicenter, non-randomized, parallel-group, controlled, assessor-masked interventional study comparing the performance of Clareon Vivity and Vivity Toric IOLs (n=75) with Clareon Monofocal and Clareon Toric IOLs (n=73), with 90–180 days of follow-up. ^{*} Compared to manual loading.
Reference: 1. Clareon Vivity IFU. 2. Kohnen T, et al. *Clin Ophthalmol.* 2023;17:2449–2457. 3. Berdahl P, et al. Visual Performance of a Novel Wavefront Shaping EDOF IOL. *J Cataract Refract Surg.* Accepted, JCRS-24-757R1. 4. Bala C, et al. *J Cataract Refract Surg.* 2022;48(2):136–143. 5. McCabe C, et al. *J Cataract Refract Surg.* 2022;48(11):1297–1304. 6. Howes F, et al. *J Refract Surg.* 2025;41(2):e131. 7. Alcon Data on File, 2024- REF26299. 8. Market Scope, 2024 Premium Cataract Surgery Market Report. 9. Clareon Vivity AutoMe IFU.
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8:00 AM	Opening Remarks <i>Dan Neal, PhD</i>	9:44 – 9:54 AM	PresbyMAX - Re(de)fining Corneal Presbyopic Laser Vision Correction. How is it Different? <i>Patrick Versace, MD</i>
8:10 – 9:14 AM	SESSION I - Diagnostics and Planning <i>Moderator: Dan Neal, PhD</i>	9:54 – 10:04 AM	Presbyopia Eyedrop Based Therapies: Where We Stand and What Lies Ahead <i>David Smadja, MD</i>
8:10 – 8:22 AM	Advances in Diagnostic Imaging for Presbyopia <i>James Wolffsohn, PhD</i>	10:04 – 10:34 AM	SESSION III - Evaluating Corneal Surgical Treatments <i>Moderators: Suphi Taneri, MD and Michael Mrochen, PhD</i>
8:22 - 8:34 AM	Importance of Standardized Treatment Planning for Outcomes and Retreatment Rates <i>Suphi Taneri, MD</i>	10:04 – 10:34 AM	Theme: “The Cornea Shouldn’t Have to Pay for the Sins of the Lens” A sharp look at corneal presbyopia’s mixed legacy—from lasers to inlays—and whether the cornea has been unfairly blamed. Experts weigh in on today’s most promising reversible solutions, compare outcomes to modern IOLs, and share their preferred corneal and non-corneal fixes. <i>Dan Reinstein, MD, Robert Ang, MD, Damien Gatinel, MD, PhD</i>
8:34 – 8:44 AM	Bridging Perception and Experience: The Impact of a Visual Simulator on Multifocality Adoption and Patient Satisfaction <i>Camille Bosc, MD</i>	10:34 – 10:54 AM	Coffee Break
8:44 – 8:54 AM	Dynamic Range of Focus Measurement <i>Dan Neal, PhD</i>	10:54 – 12:02 PM	SESSION IV - Lens Implant Innovations <i>Moderator: Gerd Auffarth, MD</i>
8:54 – 9:04 AM	A New Solution for Pre-clinical Optical Characterization of IOL <i>Luc Joannes, PhD</i>	10:54 – 11:04 AM	Optical Performance of a Next Generation Trifocal Intraocular Lens <i>Morgan Micheletti, MD</i>
9:04 – 9:14 AM	Exploring Clinically Significant Diagnostic Cutoff Points for Early Presbyopia Using Pupil Diameters <i>Kate Gettinger, OD, MPH, CPH</i>	11:04 – 11:14 AM	Extended Depth-of-Focus (EDOF) IOLs: Innovations and Clinical Outcomes <i>Julie Schallhorn, MD</i>
9:14 – 10:04 AM	SESSION II - Corneal Surgical Treatments <i>Moderator: Susana Marcos, PhD</i>	11:14 – 11:24 AM	Novel IOL Materials and Designs for Presbyopia Correction <i>Gerd Auffarth, MD</i>
9:14 – 9:24 AM	Corneal Inlays: Lessons Learned and Future Directions <i>Marguerite McDonald, MD</i>	11:24 – 11:34 AM	Silk-fibroin Based Ophthalmic Materials: The Next Frontier? <i>Susana Marcos, PhD</i>
9:24 – 9:34 AM	Allogenic Corneal Inlays: Emerging Innovations <i>Victor Derhartunian, MD</i>		
9:34 – 9:44 AM	Corneal Presbyopic Laser Procedures: Techniques, Outcomes, and Patient Selection <i>Dan Reinstein, MD</i>		



11:34 – 11:42 AM **The Benefit of Complementarity and Phase for Multifocal IOLs**

Fannie Castignoles, PhD

11:42 – 11:52 AM **Rhexis Fixation of the Lens: Overcoming the Intrinsic Limitation of all Optical Designs**

Patrick Versace, MD

11:52 – 12:02 PM **Reengineering Diffractive IOLs for Natural Vision**

Alex Maliarov

12:02 – 1:12 PM **Networking Lunch**

1:12 – 2:27 PM **SESSION V - Presbyopia Frontiers: From Lens Biomechanics to Surgical Innovations**

Moderator: Satish Herekar, MS

1:12 - 1:27 PM **A New Spin on Presbyopia – Studying the Regulation of Lens Stiffness**

Paul Donaldson, PhD

1:27 - 1:37 PM **The Future of Cataract Surgery for Presbyopia**

David O'Brart, MD

1:37 – 1:47 PM **AI Based Predictions of Visual Outcomes for PresbyMAX Treatments**

Samuel Arba Mosquera, PhD

1:47 – 1:57 PM **Presbyond® Laser Blended Vision: Corneal-Based EDOF and Clinical Outcomes**

Aadithreya Varman, MD

1:57 – 2:07 PM **Presbyond®: Building a Framework for Success**

Sundeep Vaswani BSc(Hons) MCOptom Dip(IP)

2:07 – 2:19 PM **Influence of Refractive Index on Lens Function**

Barbara Pierscionek, PhD

2:19 – 2:27 PM **Use of Hyaluronic Acid to Elucidate Mechanism of Action in Presbyopic Monkeys**

Mary Ann Croft, MS

2:27 – 3:12 PM **SESSION VI - Accommodating and Emerging Lens Technologies**

Moderator: Ron Krueger, MD

2:27 – 2:42 PM **Spiral IOLs: Early Clinical Experiences**

Sanjay Mantry, MD

2:42 - 2:52 PM **AdaptiLenses: Continuous High-Quality Vision Over a Range of Distances**

Liane Clamen, MD

2:52 – 3:02 PM **Phakic Presbyopia-Correcting Lens Implants: EVO Viva and Future Prospects**

Robert Ang, MD

3:02 – 3:12 PM **Future Directions in Lens Biomechanics and Accommodation Restoration**

Ron Krueger, MD

3:12 – 3:42 PM **SESSION VII - DEBATE: Non-Invasive vs Surgical approaches**

Moderator: Ron Krueger, MD

3:12 – 3:42 PM **Theme: “Keep It Simple vs. Keep It Surgical”**

A lively debate on convenience vs. commitment in presbyopia care. Panelists weigh non-invasive options like Vuity and scleral lasers against surgical solutions like EDOF IOLs. It all ends with a personal reveal: what they offer patients vs. what they'd choose for themselves.

Marguerite McDonald, MD, Douglas Koch, MD, Karl Stonecipher, MD

3:42 – 4:02 PM **Coffee Break**

4:02 – 6:12 PM **SESSION VIII: Scleral and Other Innovative Devices**

Moderators: Deepinder Dhaliwal, MD and Keith Holliday, PhD

4:02 – 4:12 PM **Laser Sclerociliary Therapies: Early Clinical Experiences**

Ron Krueger, MD

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4:12 – 4:22 PM

BCLA Guidelines on Standard of Care for Presbyopia

James Wolffsohn, PhD

4:57 – 5:07 PM

Flexivue Microlens for the Treatment of Presbyopia

Vladimir Feingold, MD

4:22 – 4:32 PM

Effects of post-operative refractive errors in presbyopia correcting intraocular lenses in post-LASIK eyes

Mark Jenkins, PhD

5:07 – 5:12 PM

Closing Remarks

Keith Holliday, PhD

4:32 – 4:47 PM

Re-Defining Presbyopia: The Biomechanics and Evidence Behind LSM

AnnMarie Hipsley, DPT, PhD

5:12 – 6:12 PM

Reception, Scandic Sydhavnen Hotel

4:47 – 4:57 PM

Lens Implant Innovations

Stephen Klyce, PhD



ISOP MARK YOUR CALENDAR
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