



## Europe Symposium 2024

June 6: Opening Reception

June 7-9: Scientific Program

Hotel Don Giovanni · Prague, Czech Republic

### Program Chairs:

Damien Gatinel, MD

Stefanie Schmickler, MD

### Program Committee:

Lucio Buratto, MD

Amanda Carones, MPH

Sheraz Daya, MD

Erik Mertens, MD

Samuel Arba Mosquera, PhD

Radhika Rampat, MD

Andrea Russo, MD

Pavel Stodulka, MD

William Wiley, MD

### THURSDAY, 06 JUNE

18:30 – 20:30 AECOS Welcome Reception and Exhibits

### FRIDAY, 07 JUNE - Scientific Program

07:30 Coffee and Pastries in the Exhibit Hall

08:00 Welcome and Update to AECOS Europe 2024

Pavel Stodulka, MD  
*President, AECOS Europe*

Update: AECOS America

William Wiley, MD  
*President, AECOS America*

Greetings and Welcome to Praha

Václav Klaus  
*Former President Czech Republic*

### 08:30 SESSION 1: INNOVATION FORUM

*Moderators: William Link, PhD and Damien Gatinel, MD*

*Panel: Laurent Attias, Warren Foust, Samuel Arba Mosquera PhD, Michael Mrochen PhD, Rajesh Rajpal MD*

AI in Keratoconus Detection

Suphi Taneri, MD

Micro Aberration Scatter Index. A Novel Way to Objectively Measure Quality of Vision After Keratorefractive Surgery

Ivan Gabrić, MD

	<b>Predicting Better Outcomes with New Tool to Convert Epithelium OCT Map into a Refractive Power Map</b>	David Smadja, MD
	<b>Drone Slit Lamp</b>	Florence Cabot, MD
	<b>LIRIC – The Future of Refractive Surgery</b>	Stephanie Joachim, MD
	<b>Optimizing Vision After Cataract Surgery?</b>	Ron Kurtz, MD
	<b>Laser Scleral Microporation</b>	AnnMarie Hipsley, DPT, PhD
09:40	<b><u>KEYNOTE:</u> Who Owns Ophthalmology? The Influence of Private Equity Today</b>	Arthur Cummings, MD
	<b>Discussion</b>	Moderators
10:10	<b>Break</b>	
10:30	<b><u>SESSION 2: CASE REPORTS</u></b> <i><b><u>Moderators:</u> Arthur Cummings, MD and Burkhard Dick, MD</b></i> <i><b><u>Panel:</u> Pooja Khamar MD, Dimitrios Kyroudis MD, Julian Stevens MD, Karel Van Keer MD</b></i>	
	<b>Twinning: LASIK, PRK or ICL?</b>	Dagny Zhu, MD
	<b>An Unconventional Lens Choice</b>	Francesco Carones, MD
	<b>Patient Satisfaction with Residual Refractive Error after IOL Implantation</b>	Steven Schallhorn, MD
	<b>Measuring Adaptation Effects with Multifocal Corrections</b>	Susana Marcos, PhD
	<b>Posterior Chamber Phakic IOL Gone Wrong</b>	Erik Mertens, MD
	<b>Evolution Corneal Allograft Lenticule technique: From Onlay to Inlay</b>	Aylin Kilic, MD
12:00	<b>Lunch</b>	
13:00	<b><u>SESSION 3: THE FEMTOSECOND LASER – 20 YEARS IN EUROPE</u></b> <i><b><u>Moderators:</u> Burkhard Dick, MD and Ron Kurtz, MD</b></i> <i><b><u>Panel:</u> Nick Curtis, Sheraz Daya MD, Erik Mertens MD, Christian Rathjen PhD</b></i>	
	<b><u>Keynote:</u> A History of the FS Laser in Europe</b>	Burkhard Dick, MD
	<b><u>MOST INTERESTING/CHALLENGING CASES WITH THE FS LASER – Flap Creation, Cataract Surgery, Corneal Therapeutics</u></b>	
	<b>Aligning Toric IOLs with the Catalys COS7 Software</b>	Francesco Carones, MD

LASIK with CXL Under the Flap Pavel Stodulka, MD

A New Approach to Corneal Surgery with the FS Laser Thomas Poole, MD

Management of Complication after SMILE with Flap Created by Ziemer Laser Bader Khayat, MD

Best Save Enabled by Advanced FS Technology Burkhard Dick, MD

Managing a Previous Flap Complication Magda Vokrojová, MD

Challenging Case After Former RK Surgery Tomas Juhas, MD

15:05 **Break**

15:30 **SESSION 4: SUSTAINABILITY IN 2024**

**Moderators:** Radhika Rampat, MD and David Shanazaryan, MD

**Panel:** Sheraz Daya MD, Stefanie Schmickler MD, Pavel Stodulka MD, William Wiley MD

Update on the AECOS Green Working Group Radhika Rampat, MD  
Matthew Azzopardi, MD

Paper Waste from e-IFUs : One Small Step for Industry, One Giant Leap for Sustainability Benjamin Stern, MD

High Volume High Quality Low Waste Bilateral Cataract Surgery Pavel Stodulka, MD

Economics of Sustainability in Private Practice Stefanie Schmickler, MD

Industry Roundtable - How can we break down regulatory barriers? Radhika Rampat, MD  
**Panel:** Tim Brown, James Parkinson, Domenic von Planta

16:05 **SESSION 5: THE BEST THING I LEARNED OR IMPLEMENTED CLINICALLY IN 2023**

**Moderators:** Erik Mertens, MD and Stefanie Schmickler, MD

**Panel:** Erika Eskina MD, Luca Gualdi MD, David Shanazaryan MD, Tanya Trinh MD

Advanced Treatment of the Ocular Surface for Keratoconus Samer Hamada, MD

Demystifying Night Dysphotopsia Associated to Presbyopia-Correcting IOLs Francesco Carones, MD

Innovative Custom AC-IOL to Address Aphakia Omid Kermani, MD

Clinical Consequences Related to Structure and Properties of Premium Implants Benjamin Stern, MD

Intrascleral Haptic Fixation with Adjustable IOL Allison Chen, MD

16:30 Panel Discussion

17:00 **Adjourn**

**SATURDAY, 08 JUNE - Scientific Program**

07:30 Coffee and Pastries

08:00 Harold Ridley, Stuart Duke-Elder, and the Invention of the IOL:  
Celebrating the 75<sup>th</sup> Anniversary Robert Maloney, MD

08:10 **THE INDUSTRY PANEL: HOW TO NAME PROCEDURES/TECHNOLOGIES WITHOUT CAUSING CONFUSION**

*Moderators: Amanda Carones, MPH and Sheraz Daya, MD*

*Panel: Luc Bonnefoy, Dirk Mühlhoff, Rajesh Rajpal MD, Nancy Sabin, Sunil Vasanth*

08:40 **SESSION 6: CHALLENGES IN LENS SURGERY**

*Moderators: Jorge Alio, MD and Dan Reinstein, MD*

*Panel: Uday Devgan MD, Dimitrios Kyroudis MD, Erik Mertens MD, Andrea Russo MD, Suphi Taneri MD*

Real World Use of the Vivity EDOF IOL Tony Walkow, MD

IOL Calculation Following RK Stefanie Schmickler, MD

Pairing Trifocal IOL Implantation in Eyes with Prior Corneal Refractive Surgery Erik Mertens, MD

AI for Calculating IOL Vault & Sizing of ICL Roger Zaldivar, MD

Results With a New Nondiffractive EDOF Lens Jose Manuel Diez del Corral, MD

Vaulting Variations after ICL Implantation Lucia Pelosini, MD

Accommodative Intraocular Lenses in Cataract Surgery in the Irregular Cornea Jorge Alio, MD

10:25 **Break**

10:45 **SESSION 7: MOST INTERESTING CASES WITH LENTICULAR EXTRACTION TECHNOLOGY**

*Moderators: Francesco Carones, MD and William Wiley, MD*

*Panel: Damien Gatinel MD, James Katz MD, John Marshall PhD, Steven Schallhorn MD*

Lenticule Rotation for High Astigmatism Correction Pavel Stodulka, MD

Extreme Low-Dose Lenticular Extraction - Exploring the Limits of Laser Induced Optical Breakdown using Schwind ATOS Ivan Gabrić, MD

Challenging Case and Visual Outcome Utilizing CLEAR Lenticule Extraction Shady Awwad, MD

SILK Procedure to Optimize Results in Challenging Refractive Patient Pavol Veselý, MD

Lenticular Tissue Addition for Refractive Correction Michael Mrochen, PhD

12:00 **SESSION 8: COMMUNICATION INNOVATIONS – INSIDE AND OUTSIDE THE PRACTICE**  
*Moderators: Ben LaHood, MD and Tanya Trinh, MD*  
*Panel: Basak Bostanci MD, Erik Mertens MD, Kris Morrill, Mayank Nanavaty MD, Dagny Zhu MD*

Automated Slit Lamp Exam Capture—The Missing Link in Eye Care Communication John Berestka, MD

CRM to Drive the Marketing Funnel Victor Derhartunian, MD

The Role of AI in the Clinic Andrea Russo, MD

Empowering Patients, Enhancing Practices: The App Advantage Karel Van Keer, MD

The PEARL – DGS Formula Damien Gatinel, MD

Personal Branding Amanda Carones, MPH

12:30 Panel Discussion

12:50 **LUNCH**

**THE JOSEPH COLIN AWARD AND LECTURE**

13:30 Presentation of Joseph Colin Award Pavel Stodulka, MD

Joseph Colin Award Dan Reinstein, MD

13:50 **SESSION 9: THE YOUNG OPHTHALMOLOGIST SESSION.**  
**TRANSFORMING DIALOGUE: IMPACT OF SOCIAL MEDIA ON PATIENT, COLLEAGUE, AND INDUSTRY ENGAGEMENT**  
*Moderators: Radhika Rampat, MD and Pooja Khamar, MD*  
*Panel: Basak Bostanci MD, Ben LaHood MD, David Smadja MD, Tanya Trinh MD, William Wiley MD, Dagny Zhu, MD*

How to Use SM in Your Practice? Dagny Zhu MD

Challenges of Rebranding and AI Based Outsourcing Solutions Tanya Trinh, MD

**Influencing Through Education – A Conversation** Basak Bostanci, MD  
David Smadja, MD

**Influencing Through Collaboration** William Wiley, MD

**Does the World Really Need Another Podcast?** Ben LaHood, MD

**The Impact of Different Geographic Locations** Pooja Khamar, MD

**Panel Discussion**

**15:00 Break**

**15:30 SESSION 10: VIDEO COMPETITION**

***Moderators:* Lucio Buratto, MD and Damien Gatinel, MD**

***Panel:* Aylin Kilic MD, Milind Pande MD, David Shanazaryan MD, Suphi Taneri MD**

***Meeting Delegates Vote via App For:***

- 1. Most innovative/original procedure***
- 2. Special interest in cataract surgery***
- 3. Unusual complication in anterior segment surgery***
- 4. Solving an IOL complication***

**Cataract Removal and Toric Trifocal IOL Implantation in Eye with AC Phakic PMMA IOL** Erik Mertens, MD

**Simultaneous Management of Refractive Surprise and Traumatic Mydriasis** Mayank Nanavaty, MD

**LASIK Flap Complication** Lucio Buratto, MD

**Twist and Out IOL Exchange** Uday Devgan, MD

**Management of Giant Irregular Astigmatism on Epikeratophakia for Keratoconus** David Smadja, MD

**EDOF Viva ICL Positioning** Andrea Russo, MD

**Bowmans Layer Transplant + CAIRS for Advanced Keratoconus** Bader Khayat, MD

**Asthetic Synergy** Ronald S Medalle II, MD  
Jorge Alio, MD  
Maria Amesty, MD

**Implantation of Miniature Telescope** Pavel Stodulka, MD

**Managing an ICL Complication** William Wiley, MD

17:00 **Adjourn**

18:30 **Dinner Event**

*Video Awards and President's Closing Address*

*Pavel Stodulka, MD  
Outgoing AECOS Europe President*

*AECOS Europe – Growth and New Directions*

*Sheraz Daya, MD  
Incoming AECOS Europe President*

**SUNDAY, 11 JUNE - Scientific Program**

07:30 Coffee and Pastries

08:30 **2023 AECOS Europe Research Grant: Project Report**  
Evaluation and Optimization of Stromal Lenticular Implants to  
Treat Corneal Disease, Injury and Refractive Error

Abigail Wilson, PhD

**2024 AECOS Europe Research Grant**

Sheraz Daya, MD  
*President, AECOS Europe*

08:45 **SESSION 11: THE JUDGEMENT DAY: CONTROVERSIES IN OPHTHALMIC SURGERY**

*Judge: The Honorable John Marshall, PhD*

*Panel: Erik Mertens MD, Burkhard Dick MD, Pavel Stodulka MD, Paul Ursell MD*

Case 1: Extended Range of Vision vs Full Range of Vision IOLs

Extended Range: Multifocals: Dazzled Dim Dinosaurs (5 min)  
Full Range: EDOF – Why Bother? (5 min)  
Discussion

Milind Pande, MD  
Sheraz Daya, MD

Case 2: Same-day, Simultaneous Bi-Lateral Cataract Surgery

Pro: Twice as Bright: Embracing Same-Day Bilateral Cataract Surgery  
Con: ISBCS – Taking Chances Without Medical Necessity  
Discussion

Alain Saad, MD  
Omid Kermani, MD

Case 3: Simultaneous PRK & CXL in Suspicious Cornea

Yes: Life Is Not Black and White  
No: Rubbing Out Risk: Prioritizing Post-Op Care Over CXL in PRK  
Discussion

Suphi Taneri, MD  
Damien Gatinel, MD

10:00 **Break**

**10:30**      **SESSION 12: MANAGING COMPLICATIONS IN CORNEAL REFRACTIVE SURGERY**

***Moderators:*** *Francesco Carones, MD and Dan Reinstein, MD*

***Panel:*** *Luca Gualdi MD, D. Rex Hamilton MD, Julian Stevens MD, Roger Zaldivar MD*

Cross-Linking in High Risk LASIK Patient      Victor Derhartunian, MD

Doubling the Astigmatism with LASIK      Lucia Pelosini, MD

Management of Rainbow Glare      Damien Gatinel, MD

Managing Neuroadaptation Failure Following Cornea or  
Intraocular Lens Surgery      Jorge Alio, MD

LASIK Enhancement Following LASIK for Hyperopia with Flap Tear      Andrea Russo, MD

Candidal Infection in LALEX with Losartan Assisted Scar  
Management - Where to Next?      Tanya Trinh, MD

**12:00**      **THE BEST OF OPHTHALPRENEURS**

***Moderators:*** *Francesco Carones MD, Sheraz Daya MD*

***Panel Discussion:*** *Amanda Carones MPH, Victor Derhartunian MD, Radhika Rampat MD,  
Jonathan Ross, Laurent Storme, Stanley Windsor*

- Establishing a Dry Eye Clinic
- Data-enhanced Patient Education
- Explaining High Performance IOLs and Refractive Solutions
- Clearing Confusion in the World of Refractive Surgery: Lessons Learned from LASIK

**12:50**      Closing Comments      Sheraz Daya, MD  
Damien Gatinel, MD  
Stefanie Schmickler, MD

**13:00**      **AECOS 2024 Europe Meeting Adjourns**