

# Subspecialty Day Schedule

## Refractive Surgery 2009: It's Time to Change

The Annual Meeting of the International Society of Refractive Surgery (ISRS)

Program Directors: Gustavo E Tamayo MD and Ronald R Krueger MD

Moscone Center West, Room 2014

### Friday, Oct. 23

6:30 AM REGISTRATION/ MATERIAL PICKUP/ CONTINENTAL BREAKFAST

8:00 AM	Welcome and Opening Remarks	Gustavo E Tamayo MD Ronald R Krueger MD
8:05 AM	Opening Keynote: The Economic Impact on Refractive Surgery: How to Deal With It	Shareef Mahdavi

#### Section I: The Great Debates in Refractive Surgery

Moderator(s): Jay Stuart Pepose MD PhD, Walter J Stark MD

8:15 AM	Refractive Pediatric Surgery: Excimer Laser Approach	Osama I Ibrahim MD PhD
8:22 AM	Refractive Pediatric Surgery: IOL Approach	M Edward Wilson Jr MD
8:29 AM	Presbyopia Surgery on the Cornea	Gustavo E Tamayo MD
8:36 AM	Presbyopia Surgery: Intraocular IOLs	Richard L Lindstrom MD
8:43 AM	Outcome of Refractive Surgery in Keratoconus Suspect Eyes	Damien Gatinel MD
8:48 AM	Measuring Accommodation in Eyes With Accommodating IOLs Using an Objective Aberrometer	William B Trattler MD
8:53 AM	FDA Study Results of the Crystalens HD IOL: Contrast Sensitivity and Near Vision Compared to the Predecessor Lens	John A Hovanesian MD
8:58 AM	Discussion	

#### Section II: Cataract and Refractive Surgery

Moderator(s): John F Doane MD, Stephen S Lane MD

9:08 AM	New Trends in IOL Calculation After Refractive Surgery	Jack T Holladay MD MSC FACS
9:18 AM	How to Handle Multifocal IOLs and Astigmatism	Eric D Donnenfeld MD
9:25 AM	Management of Postoperative Residual Refractive Error	Lisa B Arbisser MD
9:32 AM	Toric Lenses: Are They Effective?	Karl G Stonecipher MD
9:39 AM	Novel Presbyopic IOLs	Michael C Knorz MD
9:46 AM	Trends in Refractive Surgery in the United States: The 2009 ISRS Survey	Richard J Duffey MD
9:51 AM	Laser Capsulotomy With the LensAR Laser System	Louis D "Skip" Nichamin MD
9:56 AM	Laser Vision Correction Use Improves Results of Presbyopic IOLs	David R Hardten MD
10:01 AM	Discussion	

10:11 AM REFRESHMENT BREAK

#### Section III: IOLs for Refractive Surgery

Moderator(s): Georges D Baikoff MD, William J Dupps Jr MD PhD

10:45 AM	Safety Concerns of Anterior Chamber Phakic Lenses	Jason E Stahl MD
10:52 AM	Safety Concerns of Posterior Chamber Phakic Lenses	John Allan Vukich MD
10:59 AM	LASIK vs. IOLs in High Myopia	Thomas Kohnen MD
11:06 AM	Global Safety Outcomes of the AcrySof Phakic Angle-Supported IOL	Ronald R Krueger MD
11:11 AM	U.S. Phase 2 Clinical Experience With the AcrySof Phakic Angle-Supported IOL	Stephen S Lane MD
11:16 AM	Do YAG Capsulotomies in Eyes With a Crystalens Significantly Impact Spherical Refraction and Near Visual Function?	Frank A Bucci Jr MD
11:21 AM	Discussion	

#### Section IV: Excimer Laser Surgery

Moderator(s): Edward E Manche MD, Sonia H Yoo MD

11:31 AM	Basic Principles of Sub-Bowman Keratomileusis	John Marshall PhD
11:38 AM	Turn Your LASIK Into Femtosecond Surgery	Steven C Schallhorn MD
11:45 AM	Keep Your LASIK in Mechanical Microkeratome	James S Lewis MD
11:52 AM	LASIK vs. Surface Ablation	Marguerite B McDonald MD

# Subspecialty Day Schedule

## Refractive Surgery 2009, Continued

11:59 AM	Basic Principles of Re-treatment	Kenneth A Greenberg MD
12:04 PM	Six-Month Results of All-in-One Femtosecond Laser Refractive Surgery	Rupal S Shah MD
12:09 PM	Patient Satisfaction With Laser Vision Correction as Performed by a Large Corporate Provider	Steven C Schallhorn MD
12:14 PM	Discussion	
12:24 PM	SURGERY by SURGEONS UPDATE	Stephanie Jones Marioneaux MD
12:29 PM	ISRS President's Update	Marguerite B McDonald MD

12:35 PM LUNCH

### Section V: Intrastromal Implants for Refractive Surgery

Moderator(s): Sheraz M Daya MD, Jonathan H Talamo MD

1:45 PM	Basic Principles of Corneal Inlays	Stephen D Klyce PhD
1:55 PM	Clinical Performance of Corneal Inlays	Francisco Sanchez Leon MD
2:02 PM	Corneal Ring Segments: What Role Do They Play in Refractive Surgery?	Walton Nose MD
2:09 PM	Intrastromal Rings and Crosslinking	Aylin Kilic MD
2:16 PM	Present Status of the Artificial Cornea	W Bruce Jackson MD FRCS
2:23 PM	A Study of the Efficacy of the PresbyLens Corneal Inlay	Stephen G Slade MD FACS
2:28 PM	Intracorneal Refractive Inlays for the Treatment of Presbyopia: Visual Outcomes and Safety	Ioannis G Pallikaris MD
2:33 PM	IntraCOR for Intrastromal Presbyopia Correction: First Results After One Year	Sinan Goker MD
2:38 PM	Discussion	

### Break With the Experts

**Location: Moscone West, Level 2 Lobby**

New this year: Break With the Experts will run concurrently with Potpourri of Novel Ideas.

2:48 PM - 3:48 PM

Topic 1: Ectasia	William J Dupps Jr MD PhD Terrence P O'Brien MD J Bradley Randleman MD Theo Seiler MD PhD
Topic 2: Complications of Laser Vision Correction	Francesco Carones MD Thomas Kohnen MD Scott M MacRae MD Jennifer Morse MD Roger F Steinert MD
Topic 3: Post-refractive IOL Calculations	Wallace Chamon MD Warren E Hill MD Kenneth J Hoffer MD Jack T Holladay MD MSC FACS
Topic 4: Complications of Presbyopic IOLs	Frank J Goes MD Louis D "Skip" Nichamin MD Kerry D Solomon MD Paolo Vinciguerra MD

### Section VI: Potpourri of Novel Ideas

**Location: Moscone West, Room 2014 (main session room)**

Moderator(s): Elizabeth A Davis MD, Guy M Kezirian MD

3:00 PM	Customized Corneal Crosslinking	Michael Mrochen PhD
3:05 PM	Tensioactive Transepithelial Corneal Collagen Crosslinking: Preliminary Laboratory Results	Roberto Pinelli MD
3:10 PM	Refractive Cataract Surgery With a Femto-Laser	Johathan H Talamo MD
3:15 PM	One-Year Clinical Experience With a New Femtosecond Laser for Refractive Cataract Surgery	Zoltan Nagy MD
3:18 PM	Phototherapeutic Keratectomy With Mitomycin C for the Treatment of Corneal Opacities After Epidemic Keratoconjunctivitis	Mauro S Campos MD
3:21 PM	Safety and Efficacy of a New Topical Ribonucleotide (GS 101) for the Treatment of Corneal Neovascularization	Salvador Garcia-Delpech MD
3:24 PM	Re-treatment of Residual Refractive Errors After Myopic LASIK With Femtosecond Laser Flaps	Irina S Barequet MD

# Subspecialty Day Schedule

## Refractive Surgery 2009, Continued

3:27 PM	Correlation of Clinically Significant Epithelial Ingrowth and Primary Side-Cut Architecture Following Lift Enhancement	Cory M Lessner MD
3:30 PM	Corneal Biomechanics, Refraction, and Corneal Aberrometry in Keratoconus: An Integrated Diagnostic Study	Jorge L Alio MD PhD
3:33 PM	Can We Cut Good Quality Descemet-Stripping Endothelial Keratoplasty Donor Tissues With the VisuMax Femtosecond Laser?	Georges D Baikoff MD
3:36 PM	Stability of LASIK in Topographic Suspect Keratoconus Confirmed Nonkeratoconic by Epithelial Thickness Mapping: Two Years Postop	Dan Z Reinstejn MD
3:39 PM	Sub-Bowman Keratomileusis Without Femtosecond Laser: Is It Possible?	Luis Felipe Vejarano MD
3:42 PM	Discussion	

### Section VII: A Video Journey of Challenging Cases and Complications in Cataract and Refractive Surgery: Part I

Moderator(s): Amar Agarwal MD, R Bruce Wallace III MD

3:54 PM	BULL'S EYE: Centering the Decentered Multifocal IOL	William J Fishkind MD
3:59 PM	NIGHTMARES: With Phakic IOLs	Nick Mamalis MD
4:04 PM	STICK 'EM UP: Glued IOL	Amar Agarwal MD
4:09 PM	TAKE IT OUT: Explanting the Multifocal IOL in Difficult Situations	David F Chang MD
4:14 PM	DISTORTION: Managing Terrible Astigmatism in the Cataract Patient	Robert H Osher MD
4:19 PM	Discussion	

### Section VIII: A Video Journey of Challenging Cases and Complications in Cataract and Refractive Surgery: Part II

Moderator(s): Amar Agarwal MD, Carlos Verges MD PhD

4:29 PM	Recurrent Epithelial Ingrowth	Jorge L Alio MD PhD
4:34 PM	Flap Bloopers	John So-Min Chang Jr MD
4:39 PM	Piece of Cake: Excimer Laser in Non-virgin Eyes (RK, LASIK etc.)	Leon Gruenmacher MD
4:44 PM	Folds and Striae	Brian S Boxer Wachler MD
4:49 PM	Femtosecond-Assisted Astigmatic Keratotomy and Automated Lamellar Keratoplasty	Sonia H Yoo MD
4:54 PM	Discussion	
5:04 PM	Closing Remarks	Gustavo E Tamayo MD Ronald R Krueger MD

7:00 PM ISRS ANNUAL GALA DINNER

## Saturday, Oct. 24

6:30 AM CONTINENTAL BREAKFAST

8:15 AM	Opening Remarks	Gustavo E Tamayo MD Ronald R Krueger MD
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### Section IX: Keratoectasia and Collagen Crosslinking

Moderator(s): D Rex Hamilton MD, Douglas D Koch MD

8:20 AM	Past, Present, and Future of Collagen Crosslinking	Theo Seiler MD PhD
8:30 AM	Results of USA Collagen Crosslinking Study	R Doyle Stulting MD PhD
8:37 AM	Refractive Management of Keratoconus	Yaron S Rabinowitz MD
8:44 AM	Risk Factors for Ectasia Development After LASIK Surgery	William B Trattler MD
8:51 AM	Femtolasar Deep Anterior Keratoplasty With Baring of Descemet's Membrane in Keratoconus and Post-LASIK Ectasia	Alaa M El Danasoury MD
8:58 AM	Comparison of Sequential vs. Same Day Collagen Crosslinking and Topo-Guided PRK for Keratoconus	A John Kanellopoulos MD
9:03 AM	Post-LASIK Ectasia: Assessment of Randleman's Risk Factor Score System	Colin C Chan MD FRANZCO
9:08 AM	Early Identification of "At Risk" Corneas Using Ocular Response Analyzer Waveform Analysis	David Luce
9:13 AM	Discussion	

# Subspecialty Day Schedule

## Refractive Surgery 2009, Continued

### The Troutman Prize

The Troutman Prize recognizes the scientific merit of a young author publishing in the *Journal of Refractive Surgery*. The Prize includes a \$5,000 honorarium from the Troutman Endowment.

9:23 AM	Introduction	George O Waring III MD FACS Richard C Troutman MD FACS
9:28 AM	The Troutman Prize: LASIK in Children With Hyperopic Anisometropic Amblyopia	Canan A Utine MD

9:43 AM REFRESHMENT BREAK and JOINT MEETING EXHIBITS

### Section X: European Society of Cataract and Refractive Surgery (ESCRS) Symposium: Avoiding and Managing Complications in Refractive Surgery

Chair(s): Paul H Rosen MD, Jose L Guell MD PhD

10:15 AM	Managing the Not Quite Emmetropic Post-corneal Laser Patient	Julian D Stevens MD
10:25 AM	Ectasia: Avoidance, Diagnosis, and an Algorithm for Management	Joseph Colin MD
10:35 AM	Prevention and Management of Dissatisfied Multifocal Patients	Rudy Nuijts MD
10:45 AM	Laser Enhancement After Lens Surgery	Paul H Rosen MD
10:55 AM	Pharmacology of Refractive Surgery	Roberto Bellucci MD
11:05 AM	Discussion	

### Section XI: The Cornea Society's Cornea Corner

Moderator(s): Michael W Belin MD

11:15 AM	Introduction	Michael W Belin MD
11:17 AM	Evolution of Cornea Replacement Surgery: From Xenografts to Manufactured Corneas	Charles McGhee
11:26 AM	Penetrating Keratoplasty: Why Change a Good Thing?	Peter Zloty MD
11:33 AM	Current and Emerging Techniques for Endothelial Keratoplasty: Does It Keep Getting Better?	Francis W Price Jr MD
11:40 AM	Patient Selection: When Not To Do What	Kenneth M Goins MD
11:47 AM	Endothelial Survival: Are We Giving Up the Future?	Jonathan H Lass MD
11:54 AM	Descemet Membrane Endothelial Keratoplasty: When It's Good, It's Very, Very Good, But...	Massimo Busin MD
12:01 PM	Techniques of Deep Anterior Lamellar Keratoplasty: How To Succeed Without Bursting Your Bubble	Irving M Raber MD
12:08 PM	The Longer It Takes, the Less I Get: The Implications of Incorporating New Technology Into Your Practice	David B Glasser MD

12:15 PM LUNCH and JOINT MEETING EXHIBITS

### Section XII: Pan-American Association of Ophthalmology (PAAO) Symposium

Moderator(s): Miguel A Sruur MD

1:30 PM	Long-term Histology Changes After Crosslinking	Juan Oscar Croxatto MD
1:37 PM	Retinal Detachment After LASIK: Is It Real?	J Fernando Arevalo MD FACS
1:44 PM	New Developments in Diagnostic Tools for Ectasia	Renato Ambrosio Jr MD
1:51 PM	Light Adjustable IOLs	Arturo S Chayet MD
1:58 PM	Novel Uses of a Femtosecond Laser	Ramon Naranjo-Tackman MD
2:05 PM	Innovations in the Treatment of Keratoconus	Roberto Zaldivar MD
2:12 PM	Refractive Results of Femtosecond vs. Microkeratome	Carmen J Barraquer MD
2:19 PM	Discussion	

### Section XIII: Management of Difficult Cases

Moderator(s): Ronald R Krueger MD, James J Salz MD

2:30 PM	A Case of a Satisfactory Post Exam but a Very Dissatisfied Patient	Daniel S Durrie MD
2:32 PM	Discussion	
2:36 PM	A Case of a Long-standing Dry Eye After LASIK	Penny A Asbell MD FACS
2:38 PM	Discussion	
2:42 PM	A Case of a Patient Recruitment That Does Not Fit the Randleman Criteria	Perry S Binder MD
2:44 PM	Discussion	

# Subspecialty Day Schedule

## Refractive Surgery 2009, Continued

2:48 PM	A Case of Advanced Diffuse Lamellar Keratitis vs. Central Toxic Keratopathy	Robert K Maloney MD
2:50 PM	Discussion	
2:54 PM	A Case of a Decentered Ablation While Using Iris Tracking	Marc G Odrich MD
2:56 PM	Discussion	
3:00 PM	A Case of Persistent Optical Distortion With a Multifocal IOL	Randall J Olson MD
3:02 PM	Discussion	

3:06 PM REFRESHMENT BREAK and JOINT MEETING EXHIBITS

### Section XIV: The *Journal of Refractive Surgery's* Hot, Hotter, Hottest: Late Breaking News

Moderator(s): George O Waring III MD FACS, Ioannis G Pallikaris MD

3:45 PM	Uses of Adhesives in Refractive Surgery	David R Hardten MD
3:50 PM	New Pharmacological Approaches to Manage Haze Formation in PRK	Steven E Wilson MD
3:55 PM	Different Clinical Uses of Keratoprosthesis	Jose de la Cruz MD
4:00 PM	New Applications and Approaches for Collagen Crosslinking	A John Kanellopoulos MD
4:05 PM	Biomechanical Manipulation With Femtosecond Lasers: The German Experience	Gerd U Auffarth MD
4:10 PM	A Method for Selection of Aspheric Lenses for Cataract Surgery	Mark Packer MD
4:15 PM	Flex Procedure: LASIK Without an Excimer	Dan Z Reinstein MD
4:20 PM	Femtosecond Laser Refractive Lens Surgery	Stephen G Slade MD FACS
4:25 PM	Depth of Focus Inlay to Correct Presbyopia	Gunther Grabner MD
4:30 PM	Femtosecond LASIK Flap Complications: When Ugly Can Still Be Beautiful	Charles D Reilly MD
4:35 PM	Posterior Corneal Elevation Changes 18 Months After LASIK: Comparison of Femtosecond Laser, Microkeratome, and LASEK	Satinder Pal Singh Grewal MD MBBS
4:40 PM	Collagen Crosslinking for Corneal Ectasia: Three Years Follow-up	Osama I Ibrahim MD PhD
4:45 PM	Corneal Crosslinking for Postrefractive Surgery Corneal Ectasia: One-Year Results	Paolo Vinciguerra MD
4:50 PM	The Relationship Between Refractive Error and Visual Performance of IOLs for the Correction of Presbyopia	Guy M Kezirian MD
4:55 PM	Refractive Lens Exchange for the Management of Hyperopia and Myopia	Lawrence B Katzen MD
5:00 PM	U.S. Ophthalmologists and Future Need for Ophthalmic Surgeries: A Resource Assessment	Dave Harmon
5:05 PM	Closing Remarks	Gustavo E Tamayo MD Ronald R Krueger MD

5:10 PM ADJOURN

# Refractive Surgery E-posters

Friday – Saturday

6:30 AM – 5:00 PM

Moscone West, Level 2 Lobby

After the Meeting, view the Refractive Surgery E-posters on the Academy's Web site, [www.aao.org/2009](http://www.aao.org/2009).

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## Cataract and Refractive Surgery

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### E-poster 100729

**Pseudoaccommodating IOL Implantation in Patients With Previous LASIK Surgery**

Presenting Author: Jason S Brody MD

### E-poster 100753

**Influence of the Pupil Size on Visual Quality and Spherical Aberration After Implantation of the Tecnis 1-Piece**

Presenting Author: Katrin Petermeier MD

### E-poster 100843

**Strabismus and Diplopia After Refractive Surgery**

Presenting Author: Amit Tarafdar MD

### E-poster 100850

**Comparison of Corneal Thickness Measurements in Normal, Keratoconus, and Post-LASIK Ectasia Using Pentacam and Ultrasound**

Presenting Author: Archana Prasad MD

### E-poster 100927

**Simultaneous PRK With Mitomycin C for LASIK Buttonhole Flap Management**

Presenting Author: George D Kymionis MD

### E-poster 100985

**Efficacy and Safety of Flap Creation With Z-LASIK Using the Femto LDV for Patients With Corneal Opacity**

Presenting Author: Minoru Tomita PHD

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## Controversies in Corneal Refractive Surgery

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### E-poster 100765

**Alcon/WaveLight PresbyLASIK Results**

Presenting Author: Charles R Moore MD

### E-poster 100768

**Transepithelial Corneal Collagen Crosslinking 4-Year Re-treatment Rate in 284 Eyes**

Presenting Author: Brian Boxer Wachler MD

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## Excimer Laser Surgery

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### E-poster 100736

**Differences in the Acute Corneal Biomechanical Impact of Hyperopic and Myopic LASIK**

Presenting Author: Fabricio W Medeiros MD

### E-poster 100748

**Safety and Efficacy of Surface Ablation Re-treatments Using Mitomycin C**

Presenting Author: Laura de Benito-Llopis MD

### E-poster 100808

**Prospective Comparison of Visual Outcomes After Wavefront-Guided PRK vs. Wavefront-Guided LASIK**

Presenting Author: Josh Schliesser BS

### E-poster 100810

**Retrospective Comparison of Flap Complications in LASIK Using the Hansatome Microkeratome and IntraLase FS60 Laser**

Presenting Author: Josh Schliesser BS

### E-poster 100846

**Accuracy of LASIK Flap Thickness Created by Femtosecond Laser and Microkeratome Measured by Anterior Segment OCT**

Presenting Author: Juan Arciniegua MD

### E-poster 100847

**Wavefront-Optimized LASIK Re-treatment of Residual Refractive Errors**

Presenting Author: Engy M Mohamed MD

### E-poster 100849

**Effect of Mitomycin C on Refractive Results After Laser-Assisted Subepithelial Keratectomy to Correct Myopia**

Presenting Author: Montserrat Garcia-Gonzalez MD

### E-poster 100856

**Corneal Haze Rates in Refractive Surface Ablation With Different Laser Platforms**

Presenting Author: Marcus C Neuffer MD

### E-poster 100858

**Visual Recovery After Corneal Enhancement in Either Femtosecond- or Microkeratome-Created Flaps**

Presenting Author: Marta Ibarz MD

### E-poster 100874

**Refractive Surgery at War: Complications From Afghanistan and Iraq**

Presenting Author: Charles D Reilly MD

### E-poster 100915

**A Study on the Safety and Efficacy of the VisuMax Femtosecond Laser Platform for LASIK**

Presenting Author: Cordelia Chan FRCS

### E-poster 100917

**Long-term Follow-up of PRK With Adjuvant Use of Mitomycin C**

Presenting Author: Bill F Diakonis MD

# Refractive Surgery E-posters

## E-poster 100921

**Outcomes Including Stereo Acuity of Presbyopic Micro-Monovision LASIK for Myopia, Hyperopia, and Emmetropia**

*Presenting Author: Dan Z Reinstein MD*

## E-poster 100948

**Comparison of the Smoothness of Corneal Residual Beds Created by Fourth- and Fifth-Generation Femtosecond Lasers**

*Presenting Author: Mohamed A Guenena MD*

## E-poster 100949

**The Effect of Femtosecond Laser Flap Thickness on Wavefront Aberrations After Customized LASIK**

*Presenting Author: Christopher T Hood MD*

## E-poster 100972

**Refractive Outcomes With Advanced Customized LASIK**

*Presenting Author: William B Trattler MD*

## E-poster 100984

**Efficacy of Blink Tears for Treatment of Dry Eye Syndrome and Higher-Order Aberrations in Post-LASIK Eyes**

*Presenting Author: Marguerite B McDonald MD*

## E-poster 100988

**Scanning Electron Microscopy Ultrastructural Comparison of Femtosecond Lasers vs. Microkeratome Lamellar LASIK Flap Creation**

*Presenting Author: Renee Solomon MD*

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## Hot, Hotter, Hottest: Late Breaking News

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## E-poster 100991

**Initial Experience With New "Heads Up" Cataract Surgery via High-Definition, 3D Surgical Visualization System**

*Presenting Author: Jason E Stahl MD*

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## Intraocular Lenses for Refractive Surgery

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## E-poster 100738

**The Visual and Refractive Outcomes and Complications of Implantable Collamer Lens and Toric ICL for the Correction of High Myopic Astigmatism**

*Presenting Author: Seyed Javad Hashemian MD*

## E-poster 100746

**Toric IOL Alternatives in Stable Keratoconus**

*Presenting Author: Alejandro Navas MD*

## E-poster 100864

**Anterior Segment OCT Study of Anterior Segment Changes With Age and Phakic IOLs**

*Presenting Author: Zhenpin Zhang MD*

## E-poster 100928

**Clinical Performance of Tecnis Multifocal Acrylic Lens ZMA00**

*Presenting Author: Frank J Goes MD*

## E-poster 100931

**Preliminary Results After WIOL-CF Accommodative IOL Implantation**

*Presenting Author: Dimitra Portaliou MD*

## E-poster 100978

**IOL Sizing with Ocular Coherence Tomography and Safety Outcomes of the AcrySof® Phakic IOL**

*Presenting Author: William Maxwell MD*

## E-poster 101010

**Subjective Experience of Patients With AcrySof IQ ReSTOR Multifocal IOLs**

*Presenting Author: Jose L Rincon MD*

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## Intrastromal Implants for Refractive Surgery

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## E-poster 100970

**Intracorneal Ring Segments Implanted With Femtosecond Laser for Irregular Astigmatism After Penetrating Keratoplasty**

*Presenting Author: Leon Gruppenmacher MD*

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## Keratoectasia and Collagen Crosslinking

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## E-poster 100739

**Biomechanical Properties of the Corneal Residual Stroma After Creation of Flaps With Different Thicknesses**

*Presenting Author: Fabricio W Medeiros MD*

## E-poster 100755

**Photorefractive Keratotomy With Collagen Crosslinking: An Alternative to Penetrating Keratoplasty for Keratoconus**

*Presenting Author: Mariane Kairala MD*

# Refractive Surgery E-posters

## E-poster 100776

**One-Year Safety Analysis of Endothelial Cell Counts After Transepithelial Corneal Crosslinking for Keratoconus**

*Presenting Author: Brian Boxer Wachler MD*

## E-poster 100834

**Shorter Duration, Higher UV Light Fluence Collagen Crosslinking for Keratoconus**

*Presenting Author: A J Kanellopoulos MD*

## E-poster 100836

**Novel Cornea OCT Findings in Early and Long-term Follow-up of Collagen Crosslinking for Keratoconus (KCN)**

*Presenting Author: A J Kanellopoulos MD*

## E-poster 100852

**Eye Rubbing and Nocturnal Eye Pressure Contribute to Keratoconus and Post-LASIK Keratoectasia**

*Presenting Author: Alan N Carlson MD*

## E-poster 100925

**Intraoperative Pachymetric Measurements During Corneal Collagen Crosslinking With Riboflavin and UVA Irradiation**

*Presenting Author: Dimitra Portaliou MD*

## E-poster 100930

**Effect of Corneal Collagen Crosslinking on Corneal Sensitivity, Tear Function, and Innervation**

*Presenting Author: Georgios Kontadakis MD*

## E-poster 100939

**IOP Measurements Following Corneal Collagen Crosslinking in Keratoconic Patients**

*Presenting Author: Georgios Kontadakis MD*

## E-poster 100943

**Simultaneous Topo-guided Photorefractive Keratectomy Followed by Corneal Collagen Crosslinking for Keratoconus**

*Presenting Author: George D Kymionis MD*

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## Potpourri of Novel Ideas

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## E-poster 100866

**DM-PLUS a New Intraocular Device to Be Used in Patients With Low Vision**

*Presenting Author: Salvador Garcia-Delpech PHD*

## E-poster 100962

**Can Crosslinking Be Combined With Ortho-K Corneal Molding?**

*Presenting Author: Rafael I Barraquer Compte MD*

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## Refractive Surgery in Unique Patients

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## E-poster 100757

**Factors That Correlate With Improvement in Vision After Combined Intacs and Transepithelial Corneal Crosslinking**

*Presenting Author: Lorelei L Vicente MD*

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## The Great Debates in Refractive Surgery

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## E-poster 101000

**Artemis Could Be the Answer in Difficult Postrefractive Cases**

*Presenting Author: Roxana Ursea MD*