

Subspecialty Day Schedule

Glaucoma 2009: What's New, What's True?

In conjunction with the American Glaucoma Society (AGS)

Program Directors: Donald L Budenz MD MPH and Rohit Varma MD MPH

Moscone Center West, Room 3014

Saturday, Oct. 24

6:30 AM REGISTRATION/ MATERIAL PICKUP/ CONTINENTAL BREAKFAST

8:00 AM	Welcome and Introductions	Donald L Budenz MD MPH
8:03 AM	American Glaucoma Society Introduction	Theodore Krupin MD
8:06 AM	Announcements	Rohit Varma MD MPH

Section I: Video Seminar I—Surgery for Glaucoma

Moderator(s): Henry D Jampel MD MHS

8:08 AM	My Trab Technique	Steven T Simmons MD
8:13 AM	My Tube Technique	Keith Barton MD
8:18 AM	My Combined Phaco/Trab	Iqbal K Ahmed MD
8:23 AM	My Combined Phaco/Tube	Vital Paulino Costa MD
8:28 AM	K-Pro and Glaucoma Implant	Thasarat S Vajaranant MD
8:33 AM	Point-Counterpoint: Trab vs. Tube as Initial Surgery— Pro Trab	David S Greenfield MD
8:40 AM	Point-Counterpoint: Trab vs. Tube as Initial Surgery— Pro Tube	Dale K Heuer MD
8:47 AM	Rebuttal	David S Greenfield MD
8:50 AM	Rebuttal	Dale K Heuer MD
8:53 AM	Panel Discussion	

Section II: New Findings in Basic Science

Moderator(s): Paul L Kaufman MD

9:03 AM	Why Does the Nerve Die?	David J Calkins PhD
9:13 AM	Why Is IOP High?	James C H Tan MD
9:23 AM	Pseudoexfoliation Genetics	Sayoko E Moroi MD PhD
9:33 AM	Panel Discussion	

9:43 AM REFRESHMENT BREAK AND JOINT MEETING EXHIBITS

Section III: Diagnosing Glaucoma Progression 2009

Moderator(s): Robert N Weinreb MD

10:20 AM	Following the Optic Disc	Richard K Parrish II MD
10:30 AM	Following Visual Fields	Richard P Mills MD MPH
10:40 AM	Following Heidelberg Retina Tomography	Balwantray C Chauhan PhD
10:50 AM	Following OCT	Felipe A Medeiros MD
11:00 AM	Panel Discussion	
11:10 AM	SURGERY by SURGEONS UPDATE	Gregory L Skuta MD

American Glaucoma Society Subspecialty Day Lecture

11:15 AM	Introduction of the Lecturer	Theodore Krupin MD
11:20 AM	Disc Hemorrhage and Glaucoma Progression: Cause or Effect?	Jeffrey M Liebmann MD

11:50 AM LUNCH and JOINT MEETING EXHIBITS

Section IV: Medical Therapy for Glaucoma

Moderator(s): Richard A Lewis MD

1:05 PM	Initial Therapy	Janet A Betchkal MD
1:15 PM	Adjunctive Therapy	Jose A Paczka MD
1:25 PM	New Drug Delivery Systems	Mark S Humayun MD PhD

Subspecialty Day Schedule

Glaucoma 2009, continued

1:35 PM	Peek Into the Future: Will We Ever Have a Neuroprotective Agent?	Stuart J McKinnon MD PhD
1:45 PM	Panel Discussion	

Section V: Pearls for Practice

Moderator(s): Robert D Fechtner MD FACS

1:55 PM	Improving Patient Compliance	David S Friedman MD MPH PhD
2:05 PM	Improving Drop Administration	Alan L Robin MD
2:15 PM	Clinical Pearls From Clinical Trials	Anne Louise Coleman MD PhD
2:25 PM	Point-Counterpoint: Electronic Medical Records Can Help Your Practice—Yes	Michele C Lim MD
2:32 PM	Point-Counterpoint: Electronic Medical Records Can Help Your Practice—No	Harry A Quigley MD
2:39 PM	Rebuttal	Michele C Lim MD
2:42 PM	Rebuttal	Harry A Quigley MD
2:45 PM	Glaucoma Coding Update	William L Rich III MD
2:55 PM	Panel Discussion	

3:05 PM REFRESHMENT BREAK and JOINT MEETING EXHIBITS

Section VI: Video Seminar II—Surgery for Complications

Moderator(s): George A Cioffi MD

3:35 PM	Repair of Late Bleb Leaks	S Fabian Lerner MD
3:40 PM	Repair of Hypotonous Eyes	Paul F Palmberg MD PhD
3:45 PM	Drainage of Choroidals	Herbert P Fechter MD
3:50 PM	Repair of Exposed Implant Tube	Eugenio J Maul MD
3:55 PM	Repair of Exposed Implant Plate	Robert M Feldman MD
4:00 PM	Surgery for a Retracted Tube	Eydie G Miller MD
4:05 PM	Panel Discussion	

Section VII: New Issues in Glaucoma

Moderator(s): Christopher A Girkin MD

4:15 PM	Descemet-Stripping Automated Endothelial Keratoplasty and Glaucoma	Vikas Chopra MD
4:25 PM	Can VEGF Inhibitors Cause Glaucoma?	Malik Y Kahook MD
4:35 PM	Is CSF Pressure a Risk Factor for Glaucoma?	R Rand Allingham MD
4:45 PM	Point-Counterpoint: Cataract Surgery is the Best Glaucoma Procedure in the Patient with Both Cataract and Glaucoma—Yes	Richard L Lindstrom MD
4:52 PM	Point-Counterpoint: Cataract Surgery is the Best Glaucoma Procedure in the Patient with Both Cataract and Glaucoma—No	Kuldev Singh MD MPH
4:59 PM	Rebuttal	Richard L Lindstrom MD
5:02 PM	Rebuttal	Kuldev Singh MD MPH
5:05 PM	Late Breaking News: Incidence of Elevated IOP and Glaucoma After Intravitreal Steroids for Retinal Vascular Disease	Rajendra S Apte MD PhD
5:13 PM	Panel Discussion	
5:23 PM	Closing Remarks	Donald L Budenz MD MPH

5:25 PM ADJOURN

Subspecialty Day Schedule

Neuro-Ophthalmology 2009: Wait, Wait... Don't Tell Me: Recognizing the Distinguishing Sign in Neuro-Ophthalmology

In conjunction with the North American Neuro-Ophthalmology Society (NANOS)

Program Directors: Karl C Golnik MD and Leah Levi MBBS

Moscone Center West, Room 2004

Saturday, Oct. 24

6:30 AM REGISTRATION/ MATERIAL PICKUP/ CONTINENTAL BREAKFAST

8:00 AM Welcome and Introductions Karl C Golnik MD

Section I: The Distinguishing Pupil Abnormality/Visual Field Defect

Moderator(s): Neil R Miller MD

8:05 AM	Relative Afferent Pupillary Defect	Randy H Kardon MD PhD
8:15 AM	Pupillary Light/Near Dissociation	Aki Kawasaki MD
8:25 AM	Anisocoria	Lanning B Kline MD
8:35 AM	Pathognomonic Visual Field Defects	Michael S Vaphiades DO
8:45 AM	Case #1	Gabrielle R Bonhomme MD
8:52 AM	Case #2	Swaraj Bose MD
8:59 AM	Case #3	Y Joyce Liao MD PhD
9:06 AM	Case #4	Peter A Quiros MD
9:13 AM	Case #5	Susan M Pepin MD
9:20 AM	Case #6	Melissa W Ko MD
9:27 AM	Audience Response System: Test Your New Knowledge!	Randy H Kardon MD PhD, Aki Kawasaki MD, Lanning B Kline MD, Michael S Vaphiades DO

9:52 AM REFRESHMENT BREAK and JOINT MEETING EXHIBITS

Section II: The Distinguishing Fundus Finding

Moderator(s): Matthew Dean Kay MD

10:20 AM	Unilateral Optic Disc Swelling	Anthony C Arnold MD
10:30 AM	Bilateral Optic Disc Swelling	Peter J Savino MD
10:40 AM	Neuroretinitis	Francois-Xavier Borruat MD
10:50 AM	Hereditary and Acquired Optic Atrophy	Andrew G Lee MD
11:00 AM	Case #1	Alfredo A Sadun MD PhD
11:07 AM	Case #2	James J Corbett MD
11:14 AM	Case #3	Sophia Mihe Chung MD
11:21 AM	Case #4	Bradley J Katz MD
11:28 AM	Case #5	Roger E Turbin MD
11:35 AM	Case #6	Thomas N Hwang MD
11:42 AM	Audience Response System: Test Your New Knowledge!	Anthony C Arnold MD, Francois-Xavier Borruat MD, Andrew G Lee MD, Peter J Savino MD

12:05 PM LUNCH and JOINT MEETING EXHIBITS

1:05 PM SURGERY by SURGEONS UPDATE Laurie Gray Barber MD

Section III: The Distinguishing Ocular Motility Finding

Moderator(s): Wayne T Cornblath MD

1:10 PM	Unilateral Ophthalmoplegia	Preston C Calvert MD
1:20 PM	Bilateral Ophthalmoplegia	Eric Eggenberger DO
1:30 PM	Internuclear Ophthalmoplegia	Fiona E Costello MD
1:40 PM	Motility Potpourri	Paul H Phillips MD
1:50 PM	Case #1	Madhura A Tamhankar MD
1:57 PM	Case #2	Gregory P Van Stavern MD
2:04 PM	Case #3	Guy V Jirawuthiworavong MD

Subspecialty Day Schedule

Neuro-Ophthalmology 2009, continued

2:11 PM	Case #4	Janet C Rucker MD
2:18 PM	Case #5	Mark S Borchert MD
2:25 PM	Case #6	Julie Falardeau MD
2:32 PM	Audience Response System: Test Your New Knowledge!	Preston C Calvert MD, Fiona E Costello MD, Eric Eggenberger DO, Paul H Phillips MD

2:57 PM REFRESHMENT BREAK and JOINT MEETING EXHIBITS

Section IV: The Distinguishing Eyelid/Slitlamp Finding

Moderator(s): Kimberly Cockerham MD FACS

3:25 PM	Ptosis	Timothy J McCulley MD
3:35 PM	Eyelid Retraction	Louise A Mawn MD
3:45 PM	Other Eyelid Signs	Howard R Krauss MD
3:55 PM	Anterior Segment Signs	Pamela S Chavis MD
4:05 PM	Case #1	Steven A Newman MD
4:12 PM	Case #2	Judith E Warner MD
4:19 PM	Case #3	Eric L Berman MD
4:26 PM	Case #4	Marie D Acierno MD
4:33 PM	Case #5	Madhu R Agarwal MD
4:40 PM	Case #6	Michael S Lee MD
4:47 PM	Audience Response System: Test Your New Knowledge!	Pamela S Chavis MD, Howard R Krauss MD, Louise A Mawn MD, Timothy J McCulley MD
5:12 PM	Summary	Leah Levi MBBS

5:17 PM ADJOURN

Subspecialty Day Schedule

Pediatric Ophthalmology 2009: Controversies and Concepts in Pediatric Ophthalmology and Strabismus

*In conjunction with the Section on Ophthalmology
of the American Academy of Pediatrics*

Program Directors: George S Ellis Jr MD FAAP, Donny W Suh MD FAAP and
Kenneth W Wright MD FAAP

Moscone Center West, Room 2008

Saturday, Oct. 24

6:30 AM REGISTRATION/ MATERIAL PICKUP/ CONTINENTAL BREAKFAST

8:00 AM Introductions George S Ellis Jr MD
8:02 AM Opening Remarks Kenneth W Wright MD

Section I: Rapid Fire Strabismus

Part 1

Moderator(s): Mary A O'Hara MD

8:05 AM Use of Amniotic Membrane in Restrictive Strabismus Francisco J Conte MD
8:12 AM Should We Wait for a Stable Angle of Deviation Before
Surgical Alignment for Congenital Esotropia? Malcolm R Ing MD
8:19 AM Planning Short-term Alignment for Achieving Long-term
Success Sherwin J Isenberg MD
8:26 AM Topical Anesthesia Strabismus Surgery David K Coats MD
8:33 AM Panel Discussion David K Coats MD, Francisco J
Conte MD, Malcolm R Ing MD,
Sherwin J Isenberg MD

Part 2

Moderator(s): Dean J Bonsall MD FACS

8:40 AM Bupivacaine Injection Treatment of Strabismus Alan B Scott MD
8:47 AM Strabismus Surgery Pearls Kenneth W Wright MD
8:54 AM Strabismus Video Gems David B Granet MD
9:01 AM Panel Discussion David B Granet MD, Alan B Scott
MD, Kenneth W Wright MD

Section II: Point-Counterpoint—Strabismus

Moderator(s): Evelyn A Paysse MD

Panelists: Steven M Archer MD, Edward G Buckley MD, David L Guyton MD, Burton J Kushner MD, David A Plager
MD, Arthur L Rosenbaum MD

9:08 AM Transposition for ET Duane's Syndrome Arthur L Rosenbaum MD
9:13 AM Medial Rectus Recession for ET Duane's Syndrome Steven M Archer MD
9:18 AM Panel Discussion
9:23 AM Faden for High Accommodative Convergence-to-
Accommodation Ratio Esotropia Edward G Buckley MD
9:28 AM Medial Rectus Recession for High Accommodative
Convergence-to-Accommodation Ratio Esotropia Burton J Kushner MD
9:33 AM Panel Discussion
9:38 AM Yes: Adjustable Suture Children and Adults David L Guyton MD
9:43 AM No: Adjustable Suture Children and Adults David A Plager MD
9:48 AM Panel Discussion

Section III: Strabismus Grand Rounds

Moderator(s): Kenneth W Wright MD

Panelists: David L Guyton MD, Marilyn B Mets MD, Mario A Najera-Covarrubias MD, Alan B Scott MD, John Sloper
FRCOphth

9:53 AM Case Presentation #1 Leticia Procianoy MD
9:54 AM Panel Discussion
9:56 AM Case Presentation #1: Treatment Leticia Procianoy MD
9:58 AM Panel Discussion
10:01 AM Case Presentation #2 Joseph L Demer MD PhD

Subspecialty Day Schedule

Pediatric Ophthalmology 2009, continued

10:02 AM	Panel Discussion	
10:04 AM	Case Presentation #2: Treatment	Joseph L Demer MD PhD
10:06 AM	Panel Discussion	
10:09 AM	Case Presentation #3	Nathalie F Azar MD
10:10 AM	Panel Discussion	
10:12 AM	Case Presentation #3: Treatment	Nathalie F Azar MD
10:14 AM	Panel Discussion	
10:17 AM	Case Presentation #4	Irene H Ludwig MD
10:18 AM	Panel Discussion	
10:20 AM	Case Presentation #4: Treatment	Irene H Ludwig MD
10:22 AM	Panel Discussion	

10:25 AM REFRESHMENT BREAK AND JOINT MEETING EXHIBITS

Section IV: Point-Counterpoint—IOL for Neonates With Congenital Cataracts

Moderator(s): Elias I Traboulsi MD

10:50 AM	Yes: IOL in Neonate	Scott R Lambert MD
10:55 AM	No: IOL in Neonate	Monte A Del Monte MD
11:00 AM	Panel Discussion	Monte A Del Monte MD, Scott R Lambert MD, Jonathan C Song MD, Marcia B Tartarella MD, M Edward Wilson Jr MD

Section V: Rapid-Fire Pediatric Cataracts

Moderator(s): Kenneth W Wright MD

Panelists: Adolfo Guemes MD, Thomas C Lee MD, Scott K McClatchey MD, Jonathan C Song MD, Marcia B Tartarella MD, M Edward Wilson Jr MD

11:05 AM	How to Manage Anterior Capsule	M Edward Wilson Jr MD
11:12 AM	How to Manage the Posterior Capsule	Jonathan C Song MD
11:19 AM	Use of 25 g Instruments in Pediatric Cataract Surgery	Marcia B Tartarella MD
11:26 AM	Panel Discussion	
11:33 AM	Determining IOL Power in Children	Scott K McClatchey MD
11:40 AM	Artisan Lens for Secondary IOL	Adolfo Guemes MD
11:47 AM	Retinal Complications of Pediatric Cataract Surgery: Marfans, Persistent Hyperplastic Primary Vitreous, Nanophthalmic Eye, Pars Plana Posterior	Thomas C Lee MD
11:54 PM	Panel Discussion	
12:01 PM	SURGERY by SURGEONS UPDATE	Jean E Ramsey MD MPH

12:06 PM LUNCH AND JOINT MEETING EXHIBITS

Section VI: Neuro-Ophthalmology

Moderator(s): Donny Won Suh MD

Panelists: Michael C Brodsky MD, William V Good MD, Cameron F Parsa MD, R Michael Siatkowski MD, David S I Taylor FRCS FRCP

1:06 PM	Introduction of Afternoon Program	Donny Won Suh MD
1:08 PM	Controversies of Optic Glioma Management in 2009	Cameron F Parsa MD
1:16 PM	2009 Current Understanding of Cortical Visual Impairment	William V Good MD
1:24 PM	Neurodiagnostic Malformations of the Optic Disc	Michael C Brodsky MD
1:32 PM	Clinical Update on Neuro-Ophthalmic Inherited Metabolic Disease	David S I Taylor FRCS FRCP
1:40 PM	Case #1	R Michael Siatkowski MD
1:43 PM	Panel Discussion	
1:48 PM	Case #2	R Michael Siatkowski MD
1:51 PM	Panel Discussion	
1:56 PM	Audience Question and Answer	Cameron F Parsa MD

Subspecialty Day Schedule

Pediatric Ophthalmology 2009, continued

Section VII: Plastics

Moderator(s): Donny Won Suh MD

2:06 PM	Pros and Cons of Various Tarsorrhaphy Suspensions Materials: What I Use and Why	James A Katowitz MD
2:14 PM	Pediatric Orbital Imaging: What to Order and Why	Jonathan J Dutton MD PhD
2:22 PM	Pediatric Orbital Imaging: What the Radiologist Missed That We Can't Afford to Miss!	James W Gigantelli MD
2:30 PM	Panel Discussion	Jonathan J Dutton MD PhD, James W Gigantelli MD, James A Katowitz MD
2:37 PM	Audience Question and Answer	Donny Won Suh MD

2:47 PM REFRESHMENT BREAK AND JOINT MEETING EXHIBITS

Section VIII: Systemic Disease

Moderator(s): Erick D Bothun MD

3:07 PM	Practical Approach to Eye Issues Associated With Down Syndrome	William W Motley III MD
3:17 PM	Management of Uveitis Utilizing a Multispecialty Clinic Approach	Scott E Olitsky MD
3:27 PM	Clinical Update on the Ocular Manifestation of Mucopolysaccharidosis	Erick D Bothun MD
3:37 PM	Teaching Pediatricians About the Ocular Manifestations of Systemic Disease: How Are We Doing?	Gregg T Lueder MD
3:47 PM	Audience Question and Answer	Erick D Bothun MD

Section IX: Retina

Moderator(s): Michael F Chiang MD, Kenneth W Wright MD

3:54 PM	Introduction to Telemedicine: Point-Counterpoint	Kenneth W Wright MD
3:56 PM	Are We Ready for ROP Telemedicine? Yes	Michael F Chiang MD
4:03 PM	Are We Ready for ROP Telemedicine? Maybe Not	William V Good MD
4:10 PM	Panel Discussion/Audience Question and Answers	Alistair R Fielder FRCS, David K Coats MD, Kenneth W Wright MD
4:19 PM	Introduction to Anti-VEGF Treatments for ROP	Michael F Chiang MD
4:21 PM	Anti-VEGF Treatments for ROP	Michael T Trese MD
4:28 PM	Panel Discussion	Michael F Chiang MD, Alistair R Fielder FRCS, David K Coats MD
4:35 PM	Case #1 Retinoblastoma Case	Michael F Chiang MD
4:40 PM	Retinoblastoma Case #1 Panel Discussion	Margarita Barnoya MD, Thomas C Lee MD, Joan M O'Brien MD, Carol L Shields MD
4:47 PM	Case #2 Retinoblastoma Case	Michael F Chiang MD
4:52 PM	Retinoblastoma Case #2 Panel Discussion	Margarita Barnoya MD, Thomas C Lee MD, Joan M O'Brien MD, Carol L Shields MD
4:59 PM	Audience Questions and Answers	Michael F Chiang MD

Section X: Genetics

Moderator(s): Michael F Chiang MD

5:06 PM	Keynote: What Is New for Oculogenetics?	Edwin M Stone MD PhD
5:26 PM	Closing Remarks	George S Ellis Jr MD, Donny Won Suh MD, Kenneth W Wright MD

5:28 PM ADJOURN

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.

Cataract and Refractive Surgery

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

Controversies in Corneal Refractive Surgery

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

Excimer Laser Surgery

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

Hot, Hotter, Hottest: Late Breaking News

E-poster 100991

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

Presenting Author: Jason E Stahl MD

Intraocular Lenses for Refractive Surgery

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

Intrastromal Implants for Refractive Surgery

E-poster 100970

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

Presenting Author: Leon Gruppenmacher MD

Keratoectasia and Collagen Crosslinking

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

Potpourri of Novel Ideas

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

Refractive Surgery in Unique Patients

E-poster 100757

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

Presenting Author: Lorelei L Vicente MD

The Great Debates in Refractive Surgery

E-poster 101000

Artemis Could Be the Answer in Difficult Postrefractive Cases

Presenting Author: Roxana Ursea MD

Subspecialty Day Schedule

Retina 2009: The Cutting Edge

In conjunction with the American Society of Retina Specialists (ASRS), the Macula Society, the Retina Society, and Club Jules Gonin

Program Directors: Antonio Capone Jr MD and Daniel F Martin MD

Moscone Center South, Esplanade Ballroom

Friday, Oct. 23

6:30 AM REGISTRATION/ MATERIAL PICKUP/ CONTINENTAL BREAKFAST

8:00 AM Opening Remarks Antonio Capone Jr MD
Daniel F Martin MD

Section I: AMD Part I—Genetics

Moderator(s): Albert O Edwards MD PhD, Kang Zhang MD

8:05 AM Inflammation as the Inciting Event for AMD Joe G Hollyfield PhD
8:13 AM Genotype-Phenotype Correlations in AMD Ivana K Kim MD
8:21 AM Complement Therapy in AMD: Proof of Concept Eric A Postel MD
8:29 AM Personalized Medicine for Ophthalmology: How Close Are We? Janey Lee Wiggs MD PhD
8:37 AM Genetics in Neovascular AMD and Clinical Applications (DAWN) Tsoncho Ianchulev MD

Section II: AMD Part II—Nonexudative AMD

Moderator(s): Gisele Soubrane MD PhD, Janet S Sunness MD

8:45 AM Retinal Pigment Epithelium Dysfunction Alan C Bird MD
8:53 AM Risk Factors for Progression of Geographic Atrophy and Vision Loss Frederick L Ferris III MD
9:01 AM Ciliary Neurotrophic Factor for Dry AMD and Retinal Degeneration George A Williams MD
9:09 AM Imaging Metrics for Following Geographic Atrophy Frank G Holz MD
9:17 AM Progression of Wet and Dry AMD Following Cataract Surgery: Making Sense of the Current Literature Susan B Bressler MD

The Charles L Schepens Lecture

9:25 AM Introduction of the 2009 Schepens Lecturer David W Parke II MD
9:30 AM Charles L Schepens MD Lecture: Is Surgery Still the Primary Management of Proliferative Vitreoretinopathy? Thomas M Aaberg Sr MD MSPH FACS

9:45 AM REFRESHMENT BREAK

Section III: AMD Part III—Exudative AMD

Moderator(s): Albert J Augustin MD, Lawrence J Singerman MD

10:30 AM Avastin vs. Lucentis: Update on Comparative Studies Daniel F Martin MD
10:38 AM Recognition and Management of Anti-VEGF Non-responders Gaurav K Shah MD
10:46 AM Incidence and Clinical Features of Endophthalmitis and Pseudoendophthalmitis Following Intravitreal Injections Jonathan L Prenner MD
10:54 AM Update on VEGF Trap Jeffrey S Heier MD
11:02 AM SURGERY by SURGEONS UPDATE Randolph L Johnston MD
11:07 AM Lessons Learned in the Graveyard of Clinical Trials Stuart L Fine MD
11:15 AM Overview for Maintenance Phase Paradigms for Anti-VEGF Therapy for AMD Carl D Regillo MD FACS

11:23 AM LUNCH and DISCUSSION GROUPS

Section IV: Instrumentation and Techniques

Moderator(s): Masahito Ohji MD, Stanislao Rizzo MD

12:38 PM Instrumentation in the Development Pipeline Mark S Humayun MD PhD
12:48 PM Video Presentations of New Vitreoretinal Instrumentation and Techniques David R Chow MD

Subspecialty Day Schedule

Retina 2009, continued

12:58 PM	You Can't Fix What You Can't See: Overview of Wide-Angle Visualization Options	Stanley Chang MD
1:06 PM	What You Need to Know About Fluidics and Vitreous Surgery	Kirk H Packo MD
1:14 PM	Robotic Vitreoretinal Surgery	Steven D Schwartz MD
1:22 PM	Are There Limits to Small-Incision Vitreous Surgery?	Claus Eckardt MD
1:30 PM	Enzymatic Vitreolysis: Results of the MIVI Trial	Peter W Stalmans MD PhD
1:38 PM	Cellular Basis of Proliferative Vitreoretinopathy	Joan W Miller MD
1:46 PM	Update on Drug Delivery to the Posterior Segment	William F Mieler MD
1:54 PM	Traumatic Endophthalmitis	Demetrios Vavvas MD
2:02 PM	Vitreoretinal Lessons from Iraq and Afghanistan	Eric D Weichel MD
2:10 PM	Panel Discussion: Surgical Secrets—Controversies in the Management of Ocular Trauma Moderator(s): Paul Sternberg Jr MD	H Culver Boldt MD Carl C Claes MD G Baker Hubbard MD Ferenc P Kuhn MD PhD Dante Pieramici MD Patrick E Rubsamen MD

2:30 PM REFRESHMENT BREAK

Late Breaking Developments, Part I

Moderator(s): Mark S Blumenkranz MD, John T Thompson MD

3:10 PM	TBA	
3:46 PM	Posurdex Retinal Vein Occlusion Phase 3 Trials Data	Julia A Haller MD

Section V: AMD Part IV—Therapy of AMD

Moderator(s): Barbara Ann Blodi MD, M Gilbert Grand MD

3:52 PM	Natural Products for the Treatment and Prevention of Macular Degeneration: Carotenoids, Omega-3 Fatty Acids, and Beyond	Paul S Bernstein MD PhD
4:00 PM	Effect of Therapy to Lower Homocysteine Levels in AMD: Lessons From the Women's Antioxidant and Folic Acid Cardiovascular Study	Emily Y Chew MD
4:08 PM	The RADICAL Trial 12-Month Results: Comparing Reduced-Fluence Verteporfin-Ranibizumab Combination Therapies and Ranibizumab Monotherapy in Subjects With CNV Secondary to AMD	Allen C Ho MD
4:16 PM	Visual Prosthetics: Overview of Approaches and Progress Report	Raymond Iezzi MD
4:26 PM	Preclinical/Phase 1 Wet AMD Rx Pipeline Overview (Nanoparticle Delivery, Integrin Antagonists, RNA Strategies, Topical Strategies, Anti-complement Strategies)	Jason S Slakter MD
4:36 PM	Preclinical/Phase 1 Dry AMD Rx Pipeline Overview	Philip J Rosenfeld MD PhD
4:46 PM	Update on Combination Strategies for Wet AMD	Peter K Kaiser MD
4:56 PM	Case Presentations: Imaging Pearls in Exudative AMD Management? ...Or? Moderator(s): Neil M Bressler MD	David M Brown MD FACS, Anne E Fung MD, Mark W Johnson MD, Jennifer Irene Lim MD, Lawrence A Yannuzzi MD
5:16 PM	Closing Remarks and Announcements	Antonio Capone Jr MD, Daniel F Martin MD

Saturday, Oct. 24

6:30 AM CONTINENTAL BREAKFAST

8:00 AM	OPENING REMARKS	Antonio Capone Jr MD Daniel F Martin MD
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Section VI: Imaging

Moderator(s): Srinivas R Sadda MD, Giovanni Staurenghi MD

8:05 AM	OCT Instrumentation Overview	Jay S Duker MD
8:13 AM	Comparison of Fundus Camera-Based vs. Heidelberg Autofluorescence	Alexander C Walsh MD
8:21 AM	Identification of Primary Retinal Pigment Epithelium Atrophy in Neovascular AMD Using Polarization-Sensitive OCT	Ursula M Schmidt-Erfurth MD

Subspecialty Day Schedule

Retina 2009, continued

8:29 AM	Enhanced Depth Imaging OCT: Changes Related to Age and Refractive Status	Richard F Spaide MD
8:37 AM	Three-Dimensional Blood Flow Imaging of the Human Posterior Eye With High-Speed, High-Sensitive Doppler Optical Coherence Angiography	Yoshiaki Yasuno PhD
8:45 AM	Retinal Imaging Panel Discussion: Is It Time to Update, Is Autofluorescence Worth the Price, and More Moderator(s): Glenn J Jaffe MD	Yale L Fisher MD William R Freeman MD Edoardo Midena MD Jason S Slakter MD Cynthia A Toth MD

Section VII: Pediatric Retina

Moderator(s): J Arch McNamara MD, William S Tasman MD FACS		
9:05 AM	Optimizing Outcome in Aggressive Posterior ROP	Kimberly A Drenser MD PhD
9:13 AM	Anti-VEGF Therapy for ROP: A Meta-analysis	Franco M Recchia MD
9:21 AM	Working Towards a Bulletproof ROP Safety Net	Michael T Trese MD
9:29 AM	Providing ROP Evaluation Services: What to Discuss With Your Hospital	Clio A Harper III MD
9:37 AM	The Impact on Resource Utilization of Telemedicine Integration to Evaluate ROP	Lloyd Hildebrand MD
9:45 AM	Point-Counterpoint: Telemedicine for ROP—Not Ready For Prime Time	Graham E Quinn MD
9:51 AM	Point-Counterpoint: Telemedicine for ROP—An Effective Approach to ROP Evaluation	Darius M Moshfeghi MD
9:57 AM	REFRESHMENT BREAK and JOINT MEETING EXHIBITS	

Section VIII: Inherited Retinal Diseases

Moderator(s): John R Heckenlively MD, Edwin M Stone MD PhD		
10:45 AM	Impact on Patients of Wet vs. Dry AMD	Lylas G Mogk MD
10:51 AM	Leber Congenital Amaurosis Therapy Update	Albert M Maguire MD
10:58 AM	Albinism 2009 for the Busy Clinician	Alex V Levin MD
11:06 AM	Practical Overview of Genetics and Retinal Disease: What You Really Need to Know	Michael L Klein MD
11:14 AM	Autoantibodies in Inherited Retinal Disease	Russell N Van Gelder MD PhD

Section IX: Oncology

Moderator(s): Evangelos S Gragoudas MD, Joan M O'Brien MD		
11:22 AM	New Observations on Tumors of the Retinal Pigment Epithelium	Jerry A Shields MD
11:30 AM	Molecular Profiling and Prognosis of Choroidal Melanoma	J William Harbour MD
11:38 AM	Vascular Targeting in Ocular Oncology	Timothy G Murray MD
11:46 AM	Vascular Tumors of the Posterior Pole: Diagnostic and Treatment Pearls	Arun D Singh MD
11:54 AM	LUNCH and JOINT MEETING EXHIBITS	

Section X: Uveitis

Moderator(s): Emmett T Cunningham Jr MD PhD MPH, Janet Louise Davis MD		
1:19 PM	New and Emerging Therapies for Ocular Inflammatory Diseases	James Philip Dunn Jr MD
1:27 PM	Long-term Use of Antimetabolites and Biologics	John H Kempen MD
1:35 PM	Optimal Long-term Management of Birdshot Chorioretinitis and Multifocal Choroiditis	Douglas A Jabs MD MBA
1:43 PM	Top 5 Mistakes Made in the Care of the Uveitis Patient	Gary N Holland MD
1:51 PM	Panel Discussion: Challenging Infectious Uveitis Cases From Around the World Moderator(s): Alexander J Brucker MD	Rubens Belfort Jr MD PhD Phuc Lehoang MD PhD Quan Dong Nguyen MD Narsing A Rao MD Khalid F Tabbara MD

Subspecialty Day Schedule

Retina 2009, continued

Section XI: The Business of Retina

Moderator(s): Lawrence S Halperin MD FACS, Wayne A Solley MD

2:11 PM	Retina Practices in Transition: Compensation and Succession Issues	William L Rich III MD
2:19 PM	PQRI: How to Really Get Paid for Performance	James F Vander MD
2:26 PM	Clinical Research: How to Make Ends Meet and Do Interesting Stuff	David F Williams MD
2:33 PM	The Socio-economic Contribution of Therapy for AMD	Gary C Brown MD
2:40 PM	Vitreoretinal Surgery: A Cost-Benefit Analysis of Techniques and Technology	Carl C Awh MD

2:47 PM REFRESHMENT BREAK and JOINT MEETING EXHIBITS

Late Breaking Developments, Part II

Moderator(s): Bernard H Doft MD, Dennis P Han MD

3:27 PM TBA

Section XII: Occlusive Vascular Disease and Macular Diseases

Moderator(s): Froncie A Gutman MD, Timothy W Olsen MD

4:05 PM	SCORE: Branch Retinal Vein Occlusion Primary Outcomes	Ingrid U Scott MD MPH
4:13 PM	Lucentis Branch Retinal Vein Occlusion Trials	Peter A Campochiaro MD
4:21 PM	SCORE: Central Retinal Vein Occlusion Primary Outcomes	Michael S Ip MD
4:29 PM	Lucentis Central Retinal Vein Occlusion Trials	Rishi P Singh MD

Section XIII: Diabetic Retinopathy

Moderator(s): Gary W Abrams MD, Andrew P Schachat MD

4:37 PM	Risk Factors for Retinal Edema as Measured by OCT in Patients With Extreme Duration of Type 1 Diabetes: The Joslin 50-Year Medalist Study	Lloyd P Aiello MD PhD
4:45 PM	Steroid Implant Overview: I-Vation TA, Posurdex, Iluvien, and More	Baruch D Kuppermann MD PhD
4:53 PM	Panel Discussion: Surgical Secrets—Proliferative Diabetic Retinopathy Moderator(s): H Richard McDonald MD	Robert L Avery MD, Borja F Corcostegui MD, Donald J D'Amico MD, Dean Elliott MD, Tarek S Hassan MD, Anselm Kampik MD, William F Mieler MD
5:13 PM	Closing Remarks	Antonio Capone Jr MD, Daniel F Martin MD

5:15 PM ADJOURN