

Date	Time	Presenter/Instructor	Session Title	Presentation Title/Program Summary	Topic	Location	Session
Friday, Nov 3	8:02AM - 10:20AM PST	Peter A. Quiros, MD	Section I: What Meds Is My Patient On? Adverse Reactions of Systemic Medications	Audience Interaction	Neuro-Ophthalmology	WEST 2005	NEU02
Friday, Nov 3	8:04AM - 8:52AM PST	Srinivas R. Sadda, MD	Section I: Neovascular AMD	New Concepts in Atrophy and Fibrosis in Neovascular AMD	Retina, Vitreous	WEST 3004	RET02
Friday, Nov 3	8:05AM - 9:05AM PST	Tara A. McCannel, MD	Section I: Loch Ness Monster's Deep-Diving Into Liquid ... Biopsies	Aqueous Humor and Vitreous Needle Biopsy Technique and Care	Ocular Pathology,	WEST 2002	PTH02
Friday, Nov 3	8:58AM - 9:29AM PST	Steven D Schwartz MD	Section II: Public Health, Education and the Business of Retina	Big Data: Identifying and Solving Unmet Needs in Retinal Practice: An IRIS® Study		WEST 3004	RET03
Friday, Nov 3	10:20AM - 1:22PM PST	Peter A. Quiros, MD	Section II: Swollen Optic Nerve	Session Summary	Neuro-Ophthalmology	WEST 2005	NEU03
Friday, Nov 3	10:20AM - 1:22PM PST	Laura Bonelli, MD	Section II: Swollen Optic Nerve	"My Nerve Is Swollen, and I Cannot See"	Neuro-Ophthalmology	WEST 2005	NEU03
Friday, Nov 3	11:17AM - 1:07PM PST	Michael S. Ip, MD	Section IV: Medical Retina and Chorioretinal Vascular Disease	Long-term Results of Anti-VEGF Therapy for Central and Branch Retinal Vein Occlusion: An Overview of Current Data	Retina, Vitreous	WEST 3004	RET06
Friday, Nov 3	1:07PM - 2:04PM PST	Colin A. McCannel, MD (moderator); Tara A. McCannel, MD (presenter)	Section V: Vitreoretinal Surgery, Part I	Benefit of Vitreoretinal Surgery in Managing Tumor Eyes	Retina, Vitreous	WEST 3004	RET07
Friday, Nov 3	1:42PM - 2:40PM PST	Brian A. Francis, MD, MS	Section IV: Reaching New Pacific Heights in Surgery: How to Do It Right	Glaucoma Drainage Device, Part 2: Valved Implants + Other Special Considerations - How to Do It Right	Glaucoma	Esplanade Ballroom	GLA06
Friday, Nov 3	3:34PM - 5:00PM PST	Peter A. Quiros, MD	Section IV: Double Vision—What to Do?	Session Summary	Neuro-Ophthalmology	WEST 2005	NEU05
Saturday, Nov 4	8:00AM - 9:15AM PST	Anne L. Coleman, MD, PhD; JoAnn A. Giacconi, MD	Glaucoma Tube Shunts to Equatorial Plate Reservoir	At the conclusion of the lecture course, the attendee will be aware of principles, surgical techniques, clinical trials and complications of glaucoma drainage devices.	Glaucoma	WEST 2018	LEC104
Saturday, Nov 4	9:45AM - 11:00AM PST	Peter A. Quiros, MD	Ophthalmology and the LGBTQ+ Community	This course will approach the often-intimidating topic of LGBTQ+ identity as is directly relevant to practicing ophthalmologists.	Wellness	SOUTH 154	232
Saturday, Nov 4	9:45AM - 11:00AM PST	JoAnn A. Giacconi, MD	Trabeculectomy Techniques: Tips and Traps	This course will review surgical anatomy, basic trabeculectomy techniques, antimetabolites (including 5-fluorouracil and mitomycin C) and postoperative management and complications.	Glaucoma	SOUTH 152	LEC111
Saturday, Nov 4	9:45AM - 11:00AM PST	Ava K. Bittner, OD, PhD	Reading Rehabilitation for Individuals with Low Vision	Evaluating Reading with Telerehabilitation	Vision Rehabilitation	SOUTH 151-153	SYM03
Saturday, Nov 4	10:05AM - 11:01AM PST	David Sarraf, MD	Section XII: Non-exudative AMD	Evolution of IRORA to cRORA: A New Clinical Trial Endpoint for Geographic Atrophy Studies	Retina, Vitreous	WEST 3004	RET15
Saturday, Nov 4	10:30AM - 12:00PM PST	JoAnn A. Giacconi, MD; Simon K. Law, MD	Glaucoma Tube Shunts to Equatorial Plate Reservoir	This course is a lab covering the use of various drainage implants that promote equatorial bleb formation. We will be utilizing the Molteno3, Baerveldt, ClearPath and Ahmed drainage implant	Glaucoma	SOUTH 3	LAB104A
Saturday, Nov 4	11:30AM - 12:45PM PST	Anthony C. Arnold, MD	Unexplained Vision Loss	Is It Macular or Optic Nerve Disease?	Retina, Vitreous	ESPLANADE BALLROOM	SYM07
Saturday, Nov 4	11:30AM - 12:45PM PST	Stacy L. Pineles, MD	Pediatric Neuro-Ophthalmology: Why Children Are Not Just Small Adults	The goal of this seminar is to review the diagnosis and management of selected congenital and acquired pediatric neuro-ophthalmic disorders and to highlight how they are different from similar conditions seen in adults.	Pediatric Ophthalmology, Strabismus	WEST 2014	242
Saturday, Nov 4	12:30PM - 2:00PM PST	JoAnn A. Giacconi, MD	Trabeculectomy Techniques	This course will review surgical anatomy, basic trabeculectomy techniques, antimetabolites and postoperative management and complications.	Glaucoma	SOUTH 3	LAB111A
Saturday, Nov 4	1:00PM - 2:30PM PST	John D. Bartlett, MD	Phacoemulsification and Advanced Techniques	In this course, the latest phaco techniques and technologies will be presented. These include wound construction, capsulorrhexis, capsular staining, phaco chop techniques, techniques for operating on dense and mature cataracts, capsular tension rings and management of small pupils through the use of pupil expanders and hooks.	Cataract	SOUTH 7	LAB108A
Saturday, Nov 4	2:00PM - 3:15PM PST	JoAnn A. Giacconi, MD*	The Glaucoma Specialist's Perspective on Cataract Surgery: A Point-Counterpoint Case and Literature-Based Discussion	Introduction and First Case Presentation	Glaucoma	ESPLANADE BALLROOM	SYM16
Saturday, Nov 4	2:00PM - 3:15PM PST	Kevin M. Miller, MD	Small-Aperture Optics and Surgery to Achieve Pinhole Effect: Why, When and How	At the conclusion of this course, the attendees will be able to apply the principle of pinhole visual acuity in their select cases of patients with higher-order aberrations.	Refractive Surgery	SOUTH 306-307	259
Saturday, Nov 4	3:45PM - 5:00PM PST	Vikas Chopra, MD	Glaucoma Papers That Will Change Your Practice: A Critical Evaluation of Top-Line Data From the Ophthalmic Technology Assessment	Aqueous Shunts in Adult Glaucoma This course will focus on critical evaluation of scientific literature. Attendees will become more effective readers of scientific papers through didactics and panel discussion on the responsibilities of the peer-review process, a stepwise approach to peer review, and the subsequent editorial decisions that lead to publication.	Glaucoma	WEST 2005	SYM20
Saturday, Nov 4	3:45PM - 5:00PM PST	Anne L. Coleman, MD, PhD	Effective Peer Review: A Responsibility to Maintain Scientific Integrity		Medical Education	WEST 2018	287
Saturday, Nov 4	3:45PM - 5:00PM PST	Victoria L. Tseng, MD	Scientific Findings from Big Data from the RPB/AAO Award for IRIS® Registry Research	Neovascular Glaucoma: Racial/Ethnic Disparities in Incidence, Treatment Patterns and Visual Outcomes	Electronic Health Records, Information Technology	WEST 2002	SYM19
Saturday, Nov 4	4:22PM - 4:52PM PST	Jean-Pierre Hubschman, MD	Section XVIII: Vitreoretinal Surgery, Part II	Advanced-level course to discuss vitreoretinal surgery.	Retina, Vitreous	WEST 3004	RET21
Saturday, Nov 4	4:28PM - 5:31PM PST	Sophie X. Deng, MD, PhD	Section VII: Hot Topics	Corneal Stem Cell Regeneration	Cornea, External Disease	WEST 3014	COR08
Sunday, Nov 5	8:00AM - 9:15AM PST	Peter A. Quiros, MD	Physician Wellness: Tools to Take Home	Yoga and Wellness	Wellness	SOUTH 151-153	SYM24
Sunday, Nov 5	8:00AM - 9:15AM PST	Simon K. Law, MD	Function, Frailty and Fatality in Ophthalmic Care for Aging Patients	This symposium is designed to review the physical and mental limitations of geriatric patients, examine the ocular care we can provide according to the specific circumstances and living environments of older adults, explore the ethical balance between function, frailty and fatality, and provide resources to improve our competence in geriatric ophthalmological care.	General Medical	WEST 2005	SYM25
Sunday, Nov 5	8:00AM - 9:15AM PST	Kevin M. Miller, MD	Review of Clinical Optics	This review of clinical optics will prepare ophthalmology residents to take the Ophthalmic Knowledge Assessment Program examination and graduates of residency training programs to take the written qualifying examination of the American Board of Ophthalmology.	Optics, Refraction, Contact Lenses	SOUTH 308	408
Sunday, Nov 5	9:30AM - 10:30AM PST	Simon Fung, MD, MA, FRCOphth	Building a Global Ophthalmology Community	Visit the Learning Lounge to participate in informal, small group facilitated discussions led by experts in the field.	Global Ophthalmology	LEARNING LOUNGE 1	LL11
Sunday, Nov 5	9:45AM - 11:00AM PST	Anthony C. Arnold, MD	Cataract Surgery and Neuro-Ophthalmology: Optimizing Outcomes	Nonarteritic Ischemic Optic Neuropathy and Cataract Surgery: Should We Worry?	Neuro-Ophthalmology	WEST 3014	SYM32
Sunday, Nov 5	9:45AM - 11:00AM PST	John A. Irvine, MD	Hot Topics in Ethics: Ignorance Isn't Bliss When It Comes to Patient Care and the Code of Ethics	At the conclusion of the course, attendees will be able to identify and act on specific ethical issues in clinical practice as they develop to improve patient care, compliance and patient satisfaction.	Practice Management - Patient Experience	SOUTH 211	420

* Meeting Chair

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Sunday, Nov 5	9:45AM - 11:00AM PST	Kevin M. Miller, MD	Surgical Management of Iris Defects	This video-based course emphasizes surgical management of iris defects, including traumatic, iatrogenic and congenital.	Cataract	WEST 2010	428
Sunday, Nov 5	9:45AM - 11:00AM PST	Stacy L. Pineles, MD	Five Neuro-Ophthalmic Signs of Life-Threatening Pediatric Disease: Diagnoses Not to Be Missed	The purpose of this workshop is to highlight neuro-ophthalmic manifestations of life-threatening pediatric conditions and to provide guidelines for their workup and management. The workshop will highlight five neuro-ophthalmic signs associated with life- and vision-threatening pediatric disease: nystagmus, anisocoria, optic nerve edema, optic atrophy and acute-onset strabismus.	Pediatric Ophthalmology, Strabismus	WEST 2014	430
Sunday, Nov 5	9:45AM - 11:00AM PST	Srinivas R. Sadda, MD; David Sarraf, MD	Mystery Retina 2023: Interactive Discussion of Challenging Cases	Instructors will present diagnostically challenging cases that will include interpretation various imaging modalities.	Retina, Vitreous	WEST 2003	424
Sunday, Nov 5	11:00AM - 1:00PM PST	Michael S. Ip, MD	Diabetes 2023 Lab: Fluorescein Angiography Interpretation	angiography interpretation and to apply those principles in the management of common maculopathies.	Retina, Vitreous	SOUTH 11	LAB127A
Sunday, Nov 5	11:00AM - 12:30PM PST	Pradeep S. Prasad, MD	A New Way of Teaching Retinal Laser Treatments: An Interactive Course	This course introduces an interactive method of teaching medical decision-making for retinal laser treatment based on cases from clinical practice.	Retina, Vitreous	SOUTH 12	LAB136
Sunday, Nov 5	11:30AM - 12:45PM PST	Anthony J. Aldave, MD	How to Successfully Accomplish Endothelial Keratoplasty in the Presence of Significant Ocular Comorbidities	This course will enable attendees to (1) identify situations in which DSEK and DMEK can be performed in spite of the presence of ocular comorbidities and (2) describe how to modify their current surgical techniques and employ new techniques to successfully perform EK in such situations.	Cornea, External Disease	WEST 2003	443
Sunday, Nov 5	11:30AM - 12:00PM PST	Daniel B. Rootman, MD, MSc	How Do the Experts Correct Lower Eyelid Ectropion, Entropion and Retraction?	This entirely virtual format provides an opportunity to connect with experts. In these real-time 30-minute sessions, co-hosts discuss a topic live on camera.	Oculoplastics, Orbit	Live Broadcast	ASK07V
Sunday, Nov 5	11:30AM - 12:45PM PST	David Sarraf, MD	Retinal Toxicity and Systematic Therapeutic Agents (and Illicit Drugs as Well)	This course will provide a thorough review of systemic and select intravitreal medications, along with illicit drugs, that can cause various patterns of retinal toxicity.	Retina, Vitreous	WEST 2018	447
Sunday, Nov 5	1:00PM - 2:30PM PST	Kevin M. Miller, MD	Artificial Iris Prosthesis Lab	This lab will provide instructions and hands-on experience in a dry lab setting for why, when and how to implant custom, flexible iris prostheses.	Cataract	SOUTH 3	LAB138
Sunday, Nov 5	1:30PM - 3:00PM PST	Vikas Chopra MD	Skills Transfer/Lab	In this course, basic phaco techniques and technologies will be presented. These include wound construction, capsulorrhexis, capsular staining, nucleus removal techniques, IOL implantation, techniques for operating on dense and mature cataracts, capsular tension rings and management of small pupils using pupil expanders and iris hooks.	Cataract	SOUTH 7	LAB108C
Sunday, Nov 5	2:00PM - 3:15PM PST	Michael S. Ip, MD	Update on OCT Imaging: Basics and Beyond	At the conclusion of the course, the attendee will be current in the interpretation of OCT imaging for diagnosis and management of posterior pole disorders and knowledgeable about new technologies.	Retina, Vitreous	WEST 2014	465
Sunday, Nov 5	2:00PM - 3:15PM PST	Federico G. Velez, MD	Adult Strabismus for the Comprehensive Ophthalmologist	Mechanisms and Treatment of Strabismus after Ocular Surgery	Pediatric Ophthalmology, Strabismus	WEST 2005	SYM44
Sunday, Nov 5	2:48PM - 2:55PM PST	Edmund Tsui, MD	Paper	OCT-Based Evaluation of Vitreous Haze in the First-Line Antimetabolites as Steroid-Sparing Treatment Uveitis Trial	Uveitis, Intraocular Inflammation	WEST 2006	PA047
Sunday, Nov 5	3:30PM - 5:00PM PST	Kevin M. Miller, MD	Limbal Relaxing Incisions in the Management of Astigmatism	This course will cover the assessment and management of astigmatism in cataract surgery. The evaluation of preoperative and intraoperative astigmatism will be discussed. Intraoperative techniques for the reduction of astigmatism, such as manual and femtosecond intralimbal relaxing incisions, will be demonstrated. The participants will have hands-on experience with various tools for the creation of limbal relaxing incisions.	Cataract	SOUTH 4	LAB129A
Sunday, Nov 5	3:45PM - 5:00PM PST	Benjamin B. Bert, MD	Personal Finance for Ophthalmologists: How to Save \$3 Million on Your Own; or, Do I Need a Financial Advisor?	This course will discuss practical tips and useful tricks, covering topics including how much to save, how much you will need for retirement, how to construct an investment portfolio, mistakes that physicians often make, how to take advantage of tax-advantaged and asset-protected accounts, what types of insurance you need for asset protection, whether to use a financial advisor and how to plan for a secure financial future.	Practice Management - Business & Finance	SOUTH 213	476
Sunday, Nov 5	3:45PM - 5:00PM PST	Sophie X. Deng, MD, PhD	Laser Surgery and Imaging for Corneal Diseases: When and How	In this symposium, the invited faculty will share their experience and provide evidence-based guidelines regarding the options and selection of different corneal laser surgeries in various	Cornea, External Disease	WEST 2002	SYM52
Sunday, Nov 5	3:45PM - 5:00PM PST	Kevin M. Miller, MD	Cataract Surgery Crisis Management 101	This course aims to identify complicated situations that any surgeon may encounter during or after cataract surgery and provides pearls for effectively managing such crises. It will illustrate critical management of issues such as posterior capsule rupture, phacoemulsification in challenging ocular environments and dissatisfied premium IOL patients.	Cataract	WEST 2010	483
Sunday, Nov 5	3:45PM - 5:00PM PST	Stacy L. Pineles, MD	Diplopia: When Should I Worry?	In this course, illustrative cases and discussion will identify specific features of common causes of diplopia, such as decompensated strabismus, cranial nerve palsy, thyroid orbitopathy, myasthenia gravis and head trauma. A systematic approach to evaluation of patients with diplopia and its management will be discussed.	Neuro-Ophthalmology	WEST 2014	487
Sunday, Nov 5	3:45PM - 5:00PM PST	Daniel B. Rootman, MD, MSc	Orbital Radiology: Foundations for Diagnosis and Treatment of Orbital Disease	Instructors will discuss advanced orbital imaging; explain when CT or MRI are appropriate and when contrast enhancement, angiography, or other specific protocols are important; and to highlight key radiographic features of common and less common orbital disorders. Cutting-edge information on advances in orbital radiology will be provided.	Oculoplastics, Orbit	SOUTH 205	485

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Monday, Nov 6	8:00AM - 9:15AM PST	John A. Irvine, MD	Professional Longevity: What Are the Essential Elements in Our Approach to This Emerging Challenge?	An Ethical Dilemma: What are our concerns?	Symposium	SOUTH 151-153	SYM56
Monday, Nov 6	8:00AM - 9:15AM PST	Srinivas R. Sadda, MD*	Non-neovascular AMD—The New Frontier	Risk Factors for Intermediate AMD Progression to Geographic Atrophy	Retina, Vitreous	WEST 2002	SYM55
Monday, Nov 6	8:00AM - 9:15AM PST	Alfredo Sadun, MD, PhD	Professional Longevity: What Are the Essential Elements in Our Approach to This Emerging Challenge?	Case Statement: The Aging Ophthalmologist	Symposium	SOUTH 151-153	SYM56
Monday, Nov 6	8:00AM - 12:00PM PST	Kevin M. Miller, MD	Spotlight on Cataract: Complicated Phaco/IOL Cases—My Top 5 Pearls	Pars Plana Anterior Vitrectomy	Cataract	ESPLANADE BALLROOM	SYM54
Monday, Nov 6	9:45AM - 11:00AM PST	Anthony J. Aldave, MD	The Boston KPro: Highlighting the Essentials for Beginning and Experienced Surgeons	Attendees will learn to recognize patients in their practices who are good candidates for KPro implantation. The course will emphasize case presentations with surgical videos, provide detailed discussion of postoperative management and discuss avoidance and management of postoperative complications.	Cornea, External Disease	SOUTH 156	621
Monday, Nov 6	9:45AM - 11:00AM PST	Stacy L. Pineles, MD	What You Need to Know From the Past Year's Literature	Pediatric Ophthalmology	General Medical	SOUTH 151-153	SYM58
Monday, Nov 6	9:45AM - 11:00AM PST	Federico G. Velez, MD	Difficult Strabismus Problems: Diagnosis and Management 2023	At the conclusion of this course, the attendee will be better able to accurately diagnose and treat patients with complex strabismus.	Pediatric Ophthalmology, Strabismus	SOUTH 152	628
Monday, Nov 6	2:00PM - 3:15PM PST	Kevin M. Miller, MD	Artificial Iris Implantation	This course will provide an overview of artificial iris implantation, including a discussion of iris defects, ocular comorbidities, device availability in different markets, getting started, preoperative and intraoperative considerations, complication management and payment issues.	Cataract	SOUTH 156	651
Monday, Nov 6	2:00PM - 3:15PM PST	Srinivas R. Sadda, MD	Vitreous-Macular-Choroidal and Peripheral OCT Imaging: Cross-Sectional, Angiographic, Widefield, Navigated, En Face, 3-D and Intraoperative	Instructors will discuss the role of cross-sectional, angiographic, widefield, navigated, en face, 3-D and intraoperative OCT imaging in the diagnosis and management of posterior pole, mid and peripheral vitreoretinal and retinochoroidal disorders	Retina, Vitreous	SOUTH 306-307	652
	On Demand	Sajad Besharati, MD	Scientific Poster	Prediction of the Final Visual Fields From Earlier Visual Field Data With AI in Glaucoma Patients	Glaucoma		PO257
	On Demand	Sophie X. Deng, MD, PhD	Spots, Dots and Lines: Confocal Microscopic Diagnosis of Infectious Keratitis	Through didactic lectures and case presentations, this course will present expert interpretation of confocal images for the diagnosis of infectious keratitis.	Cornea, External Disease		806V
	On Demand	Jody Z. He, MD	Scientific Poster	Complex Glaucoma Management Aided by Endoscopic Visualization for Proper Tube Positioning During Aqueous Shunt Placement in Eyes Implanted With Artificial Iris for Aniridia	Glaucoma		PO252
	On Demand	John A. Irvine, MD	Telehealth in Ophthalmology: Ethical Considerations in Virtual Patient Care	This course will define changes to the physician-patient relationship brought about by technological innovation, including telemedicine, and how ethical/fiduciary obligations to patients remain unchanged.	Ethics		800V
	On Demand	Ken Kitayama, MD	Scientific Poster	Racial and ethnic disparities in glaucoma patient-sharing networks of eye care providers: A network science approach	Health Policy		PO181
	On Demand	Vahid Mohammadzadeh, MD	Scientific Poster	A Multimodal Approach for Predicting Glaucoma Progression With AI	Glaucoma		PO217
	On Demand	Vahid Mohammadzadeh, MD	Scientific Poster	Prediction of Glaucoma Progression From Earlier Visual Field Data With Deep Learning Survival Analysis	Glaucoma		PO260
	On Demand	Srinivas R. Sadda, MD	Scientific Poster	Pre-to-Post Switching Efficacy and Safety Assessments of SB15 (Proposed Aflibercept Biosimilar): Post Hoc Analysis of a Phase 3 Trial	Retina, Vitreous		PO515
	On Demand	Alfredo Sadun, MD, PhD	Scientific Poster	Histopathological and Molecular Characterizations in Ocular Postmortem Analyses Following AAV2 Gene Therapy for LHON	Neuro-Ophthalmology		PO321

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