

Gavin Herbert Eye Institute 16th Annual Colloquium

October 28 – 29, 2022

Purpose

Gavin Herbert Eye Institute's 16th Annual Colloquium - "*Updates and Concepts in Ophthalmology*" - is designed to improve the participant's competence, knowledge, and skills, and should improve their performance within their practice through the use of new skills and strategies. The format is a combination of didactic lectures utilizing both PowerPoint and surgical videos to illustrate new techniques and technologies and will present complication management and avoidance to comprehensive ophthalmologists. In addition, panel and audience discussions will be used to encourage interactive learning with attendees and faculty.

Target Audience

This activity was developed for ophthalmologists, ophthalmology researchers, and other ophthalmology healthcare professionals.

Activity Objectives

At the conclusion of this activity, the participants should be able to:

1. Know how to determine when to use MIGs, drops and/or lasers from the standpoint of patient compliance, clinical efficacy, and cost.
2. Discern when anti-VEGF compounds should be used to treat retinal diseases other than macular degeneration.
3. Understand how to implement current therapeutics to address pre- and post-cataract surgery ocular surface disease
4. Know when and in what patients to use the new generation presbyopia correcting intraocular lenses
5. Determine when to refer a patient to a retinal surgeon before cataract surgery
6. Understand how to treat corneal astigmatism during cataract surgery
7. Know how to approach an optic neuritis patient, and identify prognostic markers and treatment recommendations
8. Understand how to review management strategies for IIH patients

Accreditation Statement

The University of California, Irvine School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation Statement

The University of California, Irvine School of Medicine designates this **live activity** for a maximum of **15 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

California Assembly Bill 1195 and 241

This activity is in compliance with California Assembly Bill 1195 and 241, which require CME activities with patient care components to include curriculum in the subjects of cultural and linguistic competency & implicit bias. It is the intent of AB 1195 and AB 241 to encourage physicians and surgeons, CME providers in the State of California, and the Accreditation Council for Continuing Medical Education to meet the cultural and linguistic concerns of a diverse patient population and reduce health disparities through appropriate professional development. Please see the CME website, www.meded.uci.edu/cme, for AB 1195 and AB 241 resources.

Faculty List

[Andrew Browne, MD, PhD](#); Assistant Clinical Professor, UCI Department of Ophthalmology

[Robert Crow, MD](#); Associate Clinical Professor, UCI Department of Ophthalmology

[Maria Del Valle Estopinal](#); Assistant Clinical Professor, UCI Department of Ophthalmology

[Jacque Duncan, MD](#); Professor, UCSF Department of Ophthalmology

[Lilangi Ediriwickrema, MD](#); Assistant Clinical Professor, UCI Department of Ophthalmology

[Marjan Farid, MD](#); Clinical Professor, UCI Department of Ophthalmology

[Austin Fox, MD](#); Assistant Clinical Professor, UCI Department of Ophthalmology
[Sumit \(Sam\) Garg, MD](#); Clinical Professor, UCI Department of Ophthalmology
[Charlotte Gore, MD](#); Assistant Clinical Professor, UCI Department of Ophthalmology
[Sanjay Kedhar, MD](#); Clinical Professor, UCI Department of Ophthalmology
[Baruch D. Kuppermann, MD, PhD](#); Professor and Chair, UCI Department of Ophthalmology
[Olivia Lee, MD](#); Associate Clinical Professor, UCI Department of Ophthalmology
[Ken Lin, MD, PhD](#); Associate Clinical Professor, UCI Department of Ophthalmology
[Stephanie Lu, MD](#); Associate Clinical Professor, UCI Department of Ophthalmology
[Mitul Mehta, MD](#); Associate Clinical Professor, UCI Department of Ophthalmology
[Neil Miller, MD](#); Professor of Ophthalmology, Johns Hopkins Medicine
[Sameh Mosaed, MD](#); Clinical Professor, UCI Department of Ophthalmology
[Vivek Patel, MD](#); Clinical Professor, UCI Department of Ophthalmology
[Mohammed Riaz Esfahani, MD](#); Clinical Professor, UCI Department of Ophthalmology
[Jennifer Soun, MD](#); Assistant Clinical Professor, Radiological Sciences, UCI School of Medicine
[Samuel Spiegel, MD](#); Assistant Clinical Professor, UCI Department of Ophthalmology
[Donny Suh, MD](#); Clinical Professor, UCI Department of Ophthalmology
[Jeremiah Tao, MD](#); Clinical Professor, UCI Department of Ophthalmology
[Matthew Wade, MD](#); Associate Clinical Professor, UCI Department of Ophthalmology

Agenda

16th Annual Gavin Herbert Eye Institute Colloquium Arnold and Mabel Beckman Center and Virtual October 28-29, 2022

	Friday, October 28, 2022	SPEAKER	
7:00 - 8:00 AM	Registration / Continental Breakfast	Lobby and Dining Room	
8:00 - 8:10 AM	Welcome	Baruch D. Kuppermann, MD, PhD and Sumit (Sam) Gang, MD	
8:10 - 10:05 AM	RETINAL DISEASE: IMAGING, SURGERY, AND THERAPEUTICS	Moderator: Andrew Browne, MD, PhD and Mitul Mehta, MD	
	Update on treatment of diabetic retinopathy	Mitul Mehta, MD	
	Clinical trials in retinal degenerations: the good, the bad, and the ugly	Jacques Duncan, MD	
	Retinal changes over time	Andrew Browne, MD, PhD	
	What should we do before cataract surgery in retinal disorders?	Mohammad Riaz, MD	
	Pipeline drugs in retina	Baruch D. Kuppermann, MD, PhD	
	KEYNOTE LECTURER: High resolution retinal imaging in patients with inherited retinal degenerations	Jacques Duncan, MD	
	Interactive discussion	Faculty	
10:05 - 10:35 AM	Morning Break with Exhibitors	Atrium	
10:35 AM - 12:15 PM	NEURO-OPHTHALMOLOGY	Moderator: Sam Spiegel, MD	
	Neuroimaging: what comprehensive ophthalmologists need to know	Vivek Patel, MD	
	Inherited optic neuropathies	Wade Crow, MD	
	Functional vision loss	Sam Spiegel, MD	
	Structure-function correlations in neuro-ophthalmology: a case-based tour	Vivek Patel, MD	
	Updates in the management of myasthenia gravis	Sam Spiegel, MD	
	KEYNOTE LECTURER: Update in Neuro-ophthalmology: Information that will change your practice tomorrow!	Neil Miller, MD	
	Interactive discussion	Faculty	
12:15 - 1:15 PM	Lunch	Dining Room	
1:15 - 3:10 PM	CATARACT / REFRACTIVE	Moderators: Olivia Lee, MD and Matthew Wade, MD	
	Clinical Case: Refractive conundrum	Sumit (Sam) Gang, MD	
	A comprehensive approach to refractive surgery	Vance Thompson, MD	
	Cataract surgery in abnormal corneas	Matthew Wade, MD	
	Cataract surgery in anterior uveitis	Sanjay Kodhar, MD	
	Cataract surgery in neurotrophic keratitis	Olivia Lee, MD	
	KEYNOTE LECTURER: Absolute presbyopia and modern day multifocality	Vance Thompson, MD	
	Interactive discussion	Faculty	
3:10 - 3:30 PM	Afternoon Break with Exhibitors	Atrium	
3:30 - 5:00 PM	GLAUCOMA	Moderator: Austin Fox, MD	
	Steroid induced glaucoma	Austin Fox, MD	
	Finding limbus: a key to success for ab externo procedures	Ken Lin, MD, PhD	
	Which patients with presumed normal-tension glaucoma need imaging	Neil Miller, MD	
	Portable IOP monitoring	Austin Fox, MD	
	Micropulse CPC: current evidence and where it fits in my treatment algorithm	Ken Lin, MD, PhD	
	Lifestyle in glaucoma	Jameh Mousad, MD	
5:00 - 6:00 PM	Reception	Atrium	
	Saturday, October 29, 2022	SPEAKER	

7:00 - 8:00 AM	Registration / Continental Breakfast	Lobby and Dining Room	
8:00 - 9:05 AM	CURRENT CONCEPTS IN OCULOFAECIAL SURGERY	Moderator: Jeremiah Tao, MD	
	History and novel applications of the Tarsconjunctival Flap: hughes flap is it anyway?	Jeremiah Tao, MD	
	Update on the management of lymphatic malformations	Ullang Edrwickrema, MD	
	Facial and eyelid spasms: diagnosis and management	Nell Miller, MD	
	Midface rejuvenation: an anatomy based tour	Ullang Edrwickrema, MD	
	Minimizing bruising after periocular surgery: an evidence-based approach	Jeremiah Tao, MD	
	Interactive discussion	Faculty	
9:05 - 10:05 AM	ORBITAL CLINICOPATHOLOGICAL CONFERENCE	Moderator: Ullang Edrwickrema, MD	
	Case #1	Jennifer Scott, MD	
	Case #2	María Del Valle Estopinal, MD	
	Case #3	Nell Miller, MD	
		Jeremiah Tao, MD	
	Speakers: Chris Demarkarison, MD; Michael Han, MD; Michael Yang, MD	Ullang Edrwickrema, MD	
10:05 - 10:25 AM	Morning Break with Exhibitors	Atrium	
10:25 - 10:50 AM	Special Topics	Moderator: Matthew Wade, MD	
	Optimizing customer and staff experience	Vance Thompson, MD	
	Holistic review of residency applications: AUIPO Altus pilot study	Stephanie Lu, MD	
10:50 AM - 12:35 PM	PEDIATRICS	Moderator: Donny Suh, MD	
	Update on the treatment for myopia progression	Donny Suh, MD	
	Diplopia following cataract surgery	Charlotte Gore, MD	
	Approach to vertical diplopia	Ullang Edrwickrema, MD	
	Pediatric retinal detachment	Mohammad Riaz, MD	
	Amblyopia: when is it really too late?	Charlotte Gore, MD	Wendy Huang, MD
	Cone spacing in MERTK-related retinal degeneration	Jacques Duncan, MD	
	Ocular manifestations of Down's Syndrome including keratoconus	Donny Suh, MD	Olivia Lee, MD
12:40- 1:40 PM	Lunch	Dining Room	
1:40 - 2:30 PM	MYSTERY CASES - Stump the Anterior Segment Specialist	Moderator: Matthew Wade, MD	
	Case #1 - Neuro-ophthalmology	Wade Crow, MD	
	Case #2 - Retina	Stephanie Lu, MD	
	Case #3 - Oculoplastics	Ullang Edrwickrema, MD	
	Case #4 - Pediatrics	Charlotte Gore, MD	
	Case #5 - Glaucoma	Ken Lin, MD, PhD	
	Panel: Vance Thompson, MD; Marjan Farid, MD; Sam Garg, MD; Sanjay Kedhar, MD; Olivia Lee, MD		
2:30 - 2:50 PM	Afternoon Break with Exhibitors	Atrium	
2:50 - 3:35 PM	TRENDS IN OPHTHALMOLOGY	Moderator: Sumit (Sam) Garg, MD	
	Inclusivity and diversity in leadership	Marjan Farid, MD	
	Navigating academics and working with industry	Ranuch D. Kuesermann, MD, PhD	
	Physician burnout and wellness in ophthalmology	Mihai Maltia, MD	
	Discussion		
3:35- 3:45 PM	Closing Remarks	Sumit (Sam) Garg, MD	

Acknowledgement of Ineligible Company Support

The University of California, Irvine Gavin Herbert Eye Institute thank the following companies for their financial support of this educational activity:

Grant Support

Abbvie, Dompe, Genentech, Johnson & Johnson Vision, SightSciences, Trefoil Therapeutics, Visus, Zeiss

Exhibitors

Acufocus, Aerie Pharmaceutical, Alcon, Bausch + Lomb, Coherus, CorneaGen, Dompe, Glaukos, Horizon, Johnson & Johnson Vision, New World Medical, Ocular Therapeutix, Trefoil Therapeutics

Gavin Herbert Eye Institute 16th Annual Colloquium
October 28 – 29, 2022

UCI OCME requires that the content of CME activities and related materials provide balance, independence, objectivity, and scientific rigor. Planning must be free of the influence or control of an ineligible company, and promote improvements or quality in healthcare. It is the policy of the UCI Office of Continuing Medical Education to insure balance, independence, objectivity, and scientific rigor in all its educational activities. All faculty and planners participating in UCI accredited CME programs are required to disclose to the activity participants any real or apparent conflict(s) of interest. This pertains to relationships with pharmaceutical companies, biomedical device manufacturers, or other corporations that may be considered ineligible companies. The intent of this policy is identifying potential conflicts of interest so participants can form their own judgments with full disclosure of the facts. It remains for the participants to determine whether the speaker's outside interests reflect a possible bias in either the exposition or the conclusions presented.

This activity's director(s), speakers, planners, peer reviewer, authors, coordinators and moderators have no financial relationships to disclose, except the following:

Speaker/Planner Name	Name of Ineligible Company	Nature of Relevant Relationship	Conflict Mitigation Method
Jacque Duncan, MD	AGTC Therapeutics	Grants/Research Support / Consultant	Peer reviewed. Speaker will state their conflicts.
Jacque Duncan, MD	ConeSight	Consultant	Peer reviewed. Speaker will state their conflicts.
Jacque Duncan, MD	DTx Pharma	Advisor or Review Panel Member, Consultant	Peer reviewed. Speaker will state their conflicts.
Jacque Duncan, MD	Retrophin, Regenxbio	Grants/Research Support	Peer reviewed. Speaker will state their conflicts.
Marjan Farid, MD	Allergan, Bausch and Lomb, Bio-Tissue, Inc, CorneaGen, Dompe, Tarsus, Orasis, Johnson & Johnson Vision, KALA, Novartis, Sun Pharmaceutical, Zeiss	Advisor or Review Panel Member, Consultant	Peer reviewed. Speaker will state their conflicts.
Sumit (Sam) Garg, MD	Johnson and Johnson, Glaukos, Tarsus, Visus, Allergan	Consultant	Peer reviewed. Speaker will state their conflicts.
Sanjay Kedhar, MD	Visus Therapeutics	Consultant	

Baruch D. Kuppermann, MD, PhD	Allegro Ophthalmics, Allergan, Genentech Inc., Ionis, IVERIC Bio, Novartis Pharmaceuticals, Regeneron Pharmaceuticals Inc.	Clinical Research	Peer reviewed. Speaker will state their conflicts.
Baruch D. Kuppermann, MD, PhD	Allegro Ophthalmics, Allergan, EyeBio, Eyedaptic, Genentech Inc., Glaukos Corporation, Interface Biologics, IVERIC Bio, jCyte, Novartis Pharmaceuticals, Regeneron Pharmaceuticals Inc., ReVana Therapeutics, Ripple Therapeutics, Theravance Biopharma	Consultant	Peer reviewed. Speaker will state their conflicts.
Baruch D. Kuppermann, MD, PhD	Allergan	Speakers Bureau	
Oliva Lee, MD	Cloudbreak Therapeutics	Consultant	Peer reviewed. Speaker will state their conflicts.
Ken Lin, MD, PhD	Aerie Pharmaceuticals	Speakers Bureau	Peer reviewed. Speaker will state their conflicts.
Ken Lin, MD, PhD	Zeiss	Grant Research	Peer reviewed. Speaker will state their conflicts.
Mitul Mehta, MD	Eyedaptic	Employee	Peer reviewed. Speaker will state their conflicts.
Mitul Mehta, MD	Allergan	Consultant / Speakers Bureau	Peer reviewed. Speaker will state their conflicts.
Mitul Mehta, MD	Apellis, DORC	Speakers Bureau	Peer reviewed. Speaker will state their conflicts.
Neil Miller, MD	Quark Pharmaceuticals, Regenera Pharmaceuticals, Invex Therapeutics	Consultant	Peer reviewed. Speaker will state their conflicts.
Neil Miller, MD	Invex Therapeutics	Advisory board, independent adjudication committee; member for a	Peer reviewed. Speaker will state their conflicts.

		clinical trial	
Sameh Mosaed, MD	Aerie Pharmaceuticals, Bausch + Lomb	Speakers Bureau	Peer reviewed. Speaker will state their conflicts.
Vivek Patel, MD	Horizon Therapeutics	Consultant	Peer reviewed. Speaker will state their conflicts.
Mohammad Riazi, MD	Regenxbio	Consultant	Peer reviewed. Speaker will state their conflicts.
Jennifer Soun, MD	Canon Medical	Grant/Research Support	Peer reviewed. Speaker will state their conflicts.
Vance Thompson, MD	Acufocus, Alcon, Avellino, Bausch and Lomb, Carl Zeiss Meditec, Centricity, Euclid Systems, EyeBrain Medical Inc., Glaukos, Johnson and Johnson, Oyster Point Pharma, Rayner, RxSight, Visus	Honorarium Recipient	Peer reviewed. Speaker will state their conflicts.
Vance Thompson, MD	Acufocus, AdOM, Alcon, Allergan, Allote, Avellino, Avisi Technologies, Inc, Bausch and Lomb, BRIM Biotechnology, Inc, BVI, Carl Zeiss Meditec, Centricity, Conjta, Crystilex, CSO, D&D Biopharmaceuticals, Equinox, Euclid Systems, Expert Opinion, eyeBrain Medical Inc, Eyedetec, Eyesafe, Forsight Robotics, Glaukos, Imprimis, iVeena, Johnson and Johnson, LayerBio, LifeLong Vision, Medevise, Melt Pharmaceuticals, Ocular Innovations, Oyster Point Pharma, Reopia, RxSight, SightSciences, Stepwise Medical, Stuart Therapeutics,	Advisor or Review Panel Member, Consultant	Peer reviewed. Speaker will state their conflicts.

	Tarsus Rx, TearClear, TearOptix, Thea, TherOptix, Treehouse Health, Vance Thompson Vision, Visant, Visionary Ventures, Visus, Vivior AG, 2EyesVision		
--	---	--	--

Vance Thompson, MD	Acufocus, AdOM, AI Optics, Allote, Avellino, Avisi Technologies, Inc, Bausch and Lomb, Centricity, Conjtac, Crystilex, D&D Biopharmaceuticals, Equinox, Euclid Systems, Expert Opinion, eyeBrain Medical Inc, Eyedetec, Eyesafe, Fontana Biosciences, Forsight Robotics, iVeena, LayerBio, Medevis, Melt Pharmaceuticals, Ocular Innovations, Oyster Point Pharma, Reopia, RxSight, SightSciences, Singular Strategies, Stuart Therapeutics, Tarsus Rx, TearClear, TearOptix, TherOptix, Treehouse Health, Vance Thompson Vision, Visant, Visus, Vivior AG, 2EyesVision	Stock Shareholder (excluding mutual funds)	Peer reviewed. Speaker will state their conflicts.
Vance Thompson, MD	Acufocus, Alcon, Allergan, BVI, Carl Zeiss Meditec, Centricity, Equinox, Glaukos, Johnson and Johnson, Melt Pharmaceuticals, Ocular Therapeutix, ORA, Rayner, RxSight, SightSciences, Visus	Grants / Research Support	Peer reviewed. Speaker will state their conflicts.
Matthew Wade, MD	Johnson & Johnson, Glaukos, Tarsus	Consultant	Peer reviewed. Speaker will state their conflicts.

All conflicts have been mitigated in advance.

