

Gavin Herbert Eye Institute 17th Annual Colloquium

October 20 – 21, 2023

Purpose

Gavin Herbert Eye Institute's 17th 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. Learn the indications for when drops, lasers, minimally invasive approaches or tubes / trabeculectomies are indicated in glaucoma patients.
2. Conduct an evaluation of pre- and post-operative refractive error and evaluate appropriate treatment options.
3. Understand the advances in diagnostic criteria, monitoring ability, and disease etiology that have occurred in the last few years in neuro-ophthalmology that will improve our ability to take care of patients.
4. Evaluate the treatment options available for treating progressive myopia in young patients.
5. Highlight the advantages and limitations of using AI and ChatGPT in clinical practice and medical education.
6. Decide between currently available AMD and DM treatments.
7. How oculo-plastic procedures positively and negatively affect ocular surface disease.
8. Understand a stepwise approach to diagnose uveitis, starting with the identification of key clinical features and then selecting appropriate investigations based on the suspected underlying cause.

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 **10.75 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, <https://medschool.uci.edu/cme> for AB 1195 and AB 241 resources.

Faculty List

[Nisha Acharya, MD](#); Professor, UCSF Department of Ophthalmology
[Soroosh Behshad, MD](#); Associate Clinical Professor, UCI Department of Ophthalmology
[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
[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
[Kapil Mishra, MD](#); Assistant Clinical Professor, UCI Department of Ophthalmology
[Sameh Mosaed, MD](#); Clinical Professor, UCI Department of Ophthalmology
[Vivek Patel, MD](#); Clinical Professor, UCI Department of Ophthalmology
[Mohammad Riaz Esfahani, MD](#); Clinical Professor, UCI Department of Ophthalmology
[Thomas Samuelson, MD](#); Minnesota Eye Consultants
[Andrew Smith, MD](#); Assistant Clinical Professor, UCI Department of Ophthalmology
[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

17 th Annual Gavin Herbert Eye Institute Colloquium		
Arnold and Mabel Beckman Center		
October 20-21, 2023		
Friday, October 20, 2023		SPEAKER
12:00 - 1:00 PM	Registration / Lunch	Lobby / Dining Room
1:00 PM - 1:10 AM	Welcome	Baruch D. Kuppermann, MD, PhD
1:10 - 2:30 PM	RETINA SESSION	Moderator: Barry Kuppermann, MD, PhD
	Panel discussion: - The Retina Specialist's <i>Octopus's Garden</i>	
	Panel: Andrew Browne, MD, PhD; Barry Kuppermann, MD, PhD; Stephanie Lu, MD; Mitul Mehta, MD; Mohammad Riazi, MD	
	Case: <i>In the shade</i> : DME Update	
	Case: <i>Near a cave</i> : Injections and treatments for dry AMD	
	Case: <i>On the seabed</i> : Wet AMD algorithm	
	Q&A	
	Small choroidal melanomas: diagnosos and treatment	Kapil Mishra, MD
	Q&A	
2:30 - 3:00 PM	Afternoon Break with Exhibitors	Atrium
3:00 - 5:00 PM	REFRACTIVE (LENS/CORNEA) AND GLAUCOMA SESSION	Moderator: Sam Garg, MD
	Latest in presbyopia management: IOLs and drops	Matthew Wade, MD
	Next generation corneal refractive surgery	Soroosh Beshad, MD
	Panel discussion: <i>Light My Fire</i> : IOL choices and calculations in abnormal eyes	Moderator: Sam Garg, MD
	Panel: Austin Fox, MD; Sam Garg, MD; Sanjay Kedhar, MD; Ken Lin, MD, PhD; Sameh Mosaed, MD; Thomas Samuelson, MD; Andrew Smith, MD; Matthew Wade, MD	
	Q&A	
	Steinert Memorial Lecture: Interventional glaucoma: rationale and execution	Thomas Samuelson, MD
	Q&A	
	MIGS Skills Trasfer Wetlab - introduction	Sameh Mosaed, MD
	Saturday: AM group will start at 7:30 am PM group will start at 12:30 PM	
5:00 - 6:00 PM	Reception	Atrium
	MIGS Skills Transfer Wetlab - signup	

	Saturday, October 21, 2023	SPEAKER
7:00 - 8:30 AM	Registration Breakfast	Lobby and Dining Room
7:30 - 8:30 AM	MIGS SKILLS TRANSFER WETLAB SESSION #1 * Registration is limited * Pre-register at the front desk * Instructors: Austin Fox, MD; Sam Garg, MD; Ken Lin, MD, PhD; Sameh Mosaed, MD; Andrew Smith, MD	Newport Room
8:30 - 9:30 AM	CATARACT SESSION Panel discussion: <i>In Your Eyes</i> - EDOF or not? Case: <i>Day pass</i> : glaucoma / ON issues Case: <i>Without a noise</i> : eEpiretinal membrane Case: <i>The grand façade</i> : difficult patient Case: <i>All my instincts</i> : pseudoexfoliation Case: <i>I get so lost</i> : kerataconus Case: <i>The resolution</i> : endothelial disease Case: <i>The light, the heat</i> : uveitis	Moderator: Matthew Wade, MD Panel Thomas Samuelson, MD Mitul Mehta, MD Sam Garg, MD Austin Fox, MD Soroosh Beshad, MD Sanjay Kedhar, MD Nisha Acharya, MD
9:30 - 10:00 AM	Morning Break with Exhibitors	
10:00 AM - 11:00 AM	PLASTICS SESSION Panel discussion: <i>We Didn't Start the Fire</i> : orbital disasters: what's hot and what's not Panel: Lilangi Ediriwickrema, MD; Maria Del Valle Estopinal, MD; Jeremiah Tao, MD Case: <i>Marilyn Monroe</i> : orbital cellulitis Case: <i>Joe DiMaggio</i> : orbital fractures Case: <i>Kerouac</i> : thyroid eye disease Q&A	Moderator: Jeremiah Tao, MD
11:00 - 12:00 PM	PEDIATRIC SESSION <i>Coat of Many Colors</i> PEDIG randomized control myopia trial outcomes Myopia research at Gavin Herbert Eye Institute Pediatric uveitis Adalimumab in juvenile idiopathic arthritis-associated uveitis Q&A	Moderator: Charlotte Gore, MD Charlotte Gore, MD Stephen Prepas, MD Wendy Huang, MD Nisha Acharya, MD
12:00- 1:30 PM	Lunch Networking Exhibitors	Dining Room

12:30 - 1:30 PM	MIGS SKILLS TRANSFER WETLAB SESSION #2 * Registration Limited * Pre-register at front desk *	Sameh Mosaed, MD
	Instructors: Austin Fox, MD; Ken Lin, MD, PhD; Andrew Smith, MD; Matthew Wade, MD	Newport Room
1:30 - 3:10 PM	UVEITIS SESSION	Moderator: Sanjay Kedhar, MD
	Scleritis: medical and surgical management	Olivia Lee, MD
	Molecular pathogenesis and emerging therapies in uveitis	Sanjay Kedhar, MD
	Gavin Herbert Lecture: Lessons learned from uveitis cases	Nisha Acharya, MC
	Q&A	
	Panel discussion: <i>Eye of the Tiger</i> : difficult cases in uveitis	Moderator: Sanjay Kedhar, MD
	Panel: Olivia Lee, MD; Wendy Hunag, MD; Nisha Archarya, MD; Kapil Mishra, MD	
	Case: <i>Will to survive</i> : drug induced uveitis from cancer drugs	
	Case: <i>Passion for glory</i> : reverse masquerade syndrome	
	Case: <i>Thrill of the fight</i> : GPA presenting as angle closure	
	Case: <i>Take to the street</i> : autoimmune retinopathy	
3:10 - 3:30 PM	Afternoon Break with Exhibitors	Atrium
3:30 - 4:30 PM	NEURO-OPHTHALMOLOGY SESSION	Moderator: Vivek Patel, MD
	Panel discussion: <i>Don't Be Blinded by the Light</i>	
	Panel: Wade Crow, MD; Lilangi Ediriwickrema, MD; Sam Spiegel, MD; Vivek Patel, MD	
	Case: <i>In the shade</i> : diagnosing and treating giant cell arteritis	
	Case: <i>Dethrone the dictaphone</i> : optic neuritis update	
	Case: <i>Do you need a ride?</i> : diplopia for the general ophthalmologist	
	Q&A	
4:30 - 5:05 PM	CORNEA SESSION	Moderator: Olivia Lee, MD
	<i>Clarity</i>	
	Endothelial cells. Are we ready?	Sanjay Kedhar, MD
	Ocular surface disease update (new data on MGD / new drugs / Demodex)	Sam Garg, MD
	Neurotrophic keratitis and masqueraders: how to distinguish	Olivia Lee, MD
	Q&A	
5:00- 5:10 PM	Closing Remarks	Matthew Wade, 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 | Sponsor Support

Coherus; Dompe; Genentech; Johnson & Johnson; Justin Wine; Regeneron; SightSciences; STAAR; Zeiss

Exhibitors

Alcon; Allergan, an AbbVie Company; Apellis; Bausch & Lomb; Coherus; CorneaGen; Dompe; Genentech, Glaukos; Iveric Bio; Johnson & Johnson; New World Medical; RxSight; Tarsus; Thea Pharma

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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 (those whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients), 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:

	Name of Ineligible Company	Nature of Relevant Relationship	Conflict Mitigation Method
Nisha Acharya, MD	Abbvie	Grants / Research Support	Peer reviewed. Speaker will state their conflicts.
Nisha Acharya, MD	Roche	Advisor or Review Panel Member	Peer reviewed. Speaker will state their conflicts.
Marjan Farid, MD	Allergan; Bausch + Lomb; Bio-Tissue, Inc.; CorneaGen; Dompe; Johnson & Johnson Vision, KALA, Novartis; Orasis; Sun Pharmaceutical; Tarsus; Zeiss	Advisor or Review Panel Member, Consultant	Peer reviewed. Speaker will state their conflicts.
Sumit Garg, MD	Allergan; Glaukos; Johnson & Johnson Vision; Tarsus; Visus;	Consultant	Peer reviewed. Speaker will state their conflicts.
Sanjay Kedhar, MD	Visus Therapeutics	Consultant	Peer reviewed. Speaker will state their conflicts.
Baruch Kuppermann, MD, PhD	EyeBio; Eyedaptic; Glaukos; Interface Biologics; jCyte; ReVana Therapeutics; Ripple Therapeutics; Theravance Biopharma	Consultant	Peer reviewed. Speaker will state their conflicts. As planner, they recused themselves and deferred to Dr. Garg in the planning of any activity content related to their disclosure information.

Baruch Kuppermann, MD, PhD	Allergan	Grants/Research Support, Consultant, Speakers' Bureau	Peer reviewed. Speaker will state their conflicts. As planner, they recused themselves and deferred to Dr. Garg in the planning of any activity content related to their disclosure information.
Baruch Kuppermann, MD, PhD	Genentech, Inc.	Grants/Research Support; Consultant	Peer reviewed. Speaker will state their conflicts. As planner, they recused themselves and deferred to Dr. Garg in the planning of any activity content related to their disclosure information.
Baruch Kuppermann, MD, PhD	Ioni	Grants/Research Support	Peer reviewed. Speaker will state their conflicts. As planner, they recused themselves and deferred to Dr. Garg in the planning of any activity content related to their disclosure information.
Baruch Kuppermann, MD, PhD	Allegro Ophthalmics; IVERIC Bio; Novartis Pharmaceuticals; Regeneron Pharmaceuticals;	Grants/Research Support; Consultant	Peer reviewed. Speaker will state their conflicts. As planner, they recused themselves and deferred to Dr. Garg in the planning of any activity content related to their disclosure information.
Olivia 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	Grants/Research	Peer reviewed. Speaker will state their conflicts.
Mitul Mehta, MD	Allergan	Consultant, Speakers' Bureau	Peer reviewed. Speaker will state their conflicts.
Mitul Mehta, MD	Eyedaptic	Employee	Peer reviewed. Speaker will state their conflicts.
Mitul Mehta, MD	Apellis; DORC	Speakers' Bureau	Peer reviewed. Speaker will state their conflicts.
Mitul Mehta, MD	Alimera	Consultant	Peer reviewed. Speaker will state their conflicts.
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.
Kapil Mishra, MD	Bausch & Lomb	Consultant	Peer reviewed. Speaker will state their conflicts.
Kapil Mishra, MD	RegenxBio	Consultant	Peer reviewed. Speaker will state their conflicts.
Mohammad Riazi, MD	Aerie Pharmaceuticals; Alcon Surgical; Allergan	Consultant	Peer reviewed. Speaker will state their conflicts.
Mohammad Riazi, MD	Balance (Equinox); Belkin Vision; Elios; Ivantis; OcuPhire; SightScience; Tear Clear; Vialase	Consultant	Peer reviewed. Speaker will state their conflicts.
Thomas Samuelson, MD	Aerie Pharmaceuticals; Alcon Surgical; Allergan; Avellino Labs; Balance (Equinox); Bausch + Lomb/Valeant BELKIN Vision; Elios (previously ELT Sight); Equinox Expert Opinion; Glaukos; Imprimis; Irisvision; Ivantis; Johnson & Johnson Vision; MicroOptx; New World Medical; OcuPhire; PolyActiva; Ripple; Therapeutics; Santen; Sight Science; TearClear; Vialase; Zeiss Meditec	Consultant	Peer reviewed. Speaker will state their conflicts.

Thomas Samuelson, MD	Balance (Equinox); Belkin Vision; Elios; Equinox; Ivantis; Ocuphire; Sight Science; Tear Clear; Vialase	Stock Shareholder (excluding mutual funds)	Peer reviewed. Speaker will state their conflicts.
Matthew Wade, MD	Johnson & Johnson Vision; Glaukos; Tarsus	Consultant	Peer reviewed. Speaker will state their conflicts.

All conflicts have been mitigated in advance.

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