

Johns Hopkins Wilmer Eye Institute's 38th Annual **Current Concepts in Ophthalmology**

Presented by

Johns Hopkins Wilmer Eye Institute

In collaboration with **University of Colorado School of Medicine**



Wilmer Eye Institute
Johns Hopkins Medicine



University of Colorado
Anschutz Medical Campus

March 14-18, 2022

Internet Live Conference

This activity has been approved for AMA PRA Category 1 Credits™.



JOHNS HOPKINS
MEDICINE

Johns Hopkins Wilmer Eye Institute's 38th Annual Current Concepts in Ophthalmology

DESCRIPTION

This Current Concepts course will highlight the recent developments regarding diagnosis as well as medical and surgical therapy of common eye diseases. The participant should get a comprehensive review of the most current concepts in the management of ophthalmology by experts across the breadth of the field. For example, clinical trials and other evidence in the peer-reviewed literature over the past few years have changed the approach to managing cataract including IOL technology and femtosecond laser cataract surgery, corneal disease including dry eye disease, keratoplasty, and collagen cross linking, glaucoma and minimally invasive glaucoma surgical devices, as well as diabetic retinopathy, macular degeneration, and retinal vein occlusions. Furthermore, the role of optical coherence tomography (OCT) and other imaging advances are expanding the understanding of the anatomy of the anterior and posterior segment of the eye. This course will address the ongoing pattern of registrants with repeat requests for demonstrations of the latest surgical techniques and medical therapies, questions regarding practice management issues and clarification of legislative updates. There is a demand for expert education of new techniques and medical therapies as well as the need for elucidation of associated clinical trials, and these courses provide extensive coverage of that.

WHO SHOULD ATTEND

This activity is intended for ophthalmologists, optometrists, and ophthalmic allied health professionals.

OBJECTIVES

After attending this activity, the learner will demonstrate the ability to:

- Integrate prescribed medical and surgical treatment options into everyday practice, including uveitis, oculoplastics and ocular oncology.
- Assess the perioperative use of antibiotic and anti-inflammatory agents in patients undergoing eye surgery.
- Formulate current and advanced medical and surgical treatment strategies as well as imaging with corresponding ocular conditions, including: glaucoma, retina, anterior segment including "dry eye", uveitis, refractive surgery and laser assisted cataract and corneal transplant surgery.
- Discuss new medical techniques, therapies and relevant clinical trials in dry eye, refractive surgery, cornea, glaucoma, and retina, including diabetic retinopathy, macular degeneration, and retinal vein occlusion.
- Assess the latest developments for the management of pediatric ophthalmology and strabismus conditions.
- Describe unique considerations for cataract surgery in patients with comorbid glaucoma.

ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 24.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MAINTENANCE OF CERTIFICATION

American Board of Ophthalmology (ABO)

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to satisfy the Lifelong Learning and Self-Assessment requirements for the American Board of Ophthalmology's Maintenance of Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting MOC credit.



OTHER CREDITS

American Academy of Nurse Practitioners National Certification Program accepts *AMA PRA Category 1 Credit*[™] from organizations accredited by the ACCME.

American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credit*[™] from organizations accredited by the ACCME.

National Commission on Certification of Physician Assistants (NCCPA) PAs may claim a maximum of 24.5 Category 1 credits for completing this activity. NCCPA accepts *AMA PRA Category 1 Credit*[™] from organizations accredited by ACCME or a recognized state medical society.

The Johns Hopkins University has approved this activity for 24.5 **contact hours for non-physicians**.

POLICY ON PRESENTER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins School of Medicine that the presenter and provider globally disclose conflicts of interest. The Johns Hopkins School of Medicine OCME has established policies that will identify and resolve conflicts of interest prior to this educational activity. Detailed disclosure will be made prior to presentation of the education.

General Information

REGISTRATION

Sign into Zoom Webinar:

Monday, March 14, 2022* 6:30 a.m. – 7:00 a.m. MST

FEES

Register Online:

hopkinscme.cloud-cme.com/course/courseoverview?P=5&EID=31119

Methods of Payment: We require full payment prior to the start of the activity. The registration fee includes instructional materials.

Livestream Only\$250

You will receive a confirmation by e-mail. If you have not received it by **March 8, 2022**, call (410) 502-9636 to confirm that you are registered. A transcript of attendance will be available upon attestation of your credit hours and submission of the post activity online evaluation.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

LATE FEE AND REFUND POLICY

A \$25 late fee applies to registrations received after 5:00 p.m. ET on **March 8, 2022**. A handling fee of \$25 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by **March 8, 2022**. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

SYLLABUS

The syllabus will be accessible online and via your mobile device in the CloudCME App one week prior to the activity start date. To access, please visit our website.

CME Website:

<https://hopkinscme.cloud-cme.com>

(Sign In, Click My CME tab, Click Syllabus)

HOW TO OBTAIN CREDIT

Post activity, an online evaluation will be available to attendees to evaluate the activity and individual presentations and to identify future educational needs. Upon completion of the evaluation, the learner must attest to the number of hours in attendance. Credits earned will be added to the learner's transcript and immediately available for print.

The last day to access the evaluation and attest to your credits is May 5, 2022.

An outcome survey will be sent to all physician attendees within two months post activity to assist us in determining what impact this activity had on the learner's practice.

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. *Please notify us if you have any special needs.*

LOG IN INFORMATION

The Zoom Webinar link will be accessible online and via your mobile device in the CloudCME App one week prior to the activity start date. To access, please visit our website.

CME Website:

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(Sign In, Click My CME tab, Click Syllabus)

INTERNET CME POLICY

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HARDWARE/SOFTWARE REQUIREMENTS

Internet connection.

General Information

TO REGISTER OR FOR FURTHER INFORMATION

Register Online: hopkinscme.cloud-cme.com/course/courseoverview?P=5&EID=31119

Register by Phone (410) 502-9636

Register by Fax..... (866) 510-7088

Confirmation/Certificates/
Transcripts..... (410) 502-9636

General Information (410) 955-2959

E-mail the Office of CME cmenet@jhmi.edu

Follow us on Twitter: twitter.com/HopkinsCME

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Check out our mobile app CloudCME.

Organization Code: **HopkinsCME**

For website and CloudCME mobile app technical difficulties, email:
cmtechsupport@jhmi.edu

For general information, please visit the activity webpage at
hopkinscme.cloud-cme.com/course/courseoverview?P=5&EID=31119

Program

All program times listed are MST.

MONDAY, MARCH 14, 2022

Morning Session

6:30 – 7:00 Sign into Zoom Webinar

Anterior Segment (Cataract)

Chair: Yassine Daoud, MD and Shameema Sikder, MD

- 7:00 – 7:20 **FLACS in Interesting and Complex Cases**
Yassine Daoud, MD
- 7:20 – 7:40 **Anterior Segment Reconstruction**
Shameema Sikder, MD
- 7:40 – 8:00 **Cataract Surgery in Post-Surgical Eyes**
Shameema Sikder, MD
- 8:00 – 8:20 **Outcomes of Iris-Sutured IOL Surgeries**
Yassine Daoud, MD
- 8:20 – 8:40 Break and Opportunity to Visit Virtual Exhibit Hall
- 8:40 – 9:00 **Complex Case Presentations**
Shameema Sikder, MD
- 9:00 – 9:40 **Case Discussions**
Yassine Daoud, MD and Faculty
- 9:40 – 10:00 **IOL Exchange vs LASIK/PRK for Refractive Surprise after Cataract Surgery**
Yassine Daoud, MD

Afternoon Session

4:15 – 5:00 Sign into Zoom Webinar

Refractive Surgery and Anterior Segment

Chairs: Yassine Daoud, MD and Christina Prescott, MD, PhD

- 5:00 – 5:20 **Multifocal and Extended Depth of Focus IOL's**
Yassine Daoud, MD
- 5:20 – 5:40 **Does Dry Eye Workshop II (DEWS II) Apply to Children**
Christina Prescott, MD, PhD
- 5:40 – 6:00 **Questions and Discussion**
Christina Prescott, MD, PhD and Yassine Daoud, MD

Anterior Segment Challenges and Controversies

Chairs: Christina Prescott, MD, PhD and Shameema Sikder, MD

- 6:00 – 6:15 **Corneal Crosslinking: Current Evidence-based Treatments and Future Applications**
Michael Raizman, MD
- 6:15 – 6:30 **IOL Support in Absence of Capsular Support**
Yassine Daoud, MD
- 6:30 – 6:45 **Treatment of Vernal Conjunctivitis and Other Challenging Allergic Conditions**
Michael Raizman, MD
- 6:45 – 7:00 **Questions and Discussion**
Christina Prescott, MD, PhD

TUESDAY, MARCH 15, 2022

Morning Session

6:30 – 7:00 Sign into Zoom Webinar

Anterior Segment (Cornea)

Chairs: Kathryn Colby, MD, PhD and Mark Terry, MD

- 7:00 – 7:20 **Updates in Dry Eye Disease in Adults**
Christina Prescott, MD, PhD
- 7:20 – 7:40 **Starting DMEK**
Mark Terry, MD
- 7:40 – 8:00 **DSO for Fuchs**
Kathryn Colby, MD, PhD
- 8:00 – 8:20 **Cataract and Refractive Surgery in Amblyopia**
Christina Prescott, MD, PhD
- 8:20 – 8:40 Break and Opportunity to Visit Virtual Exhibit Hall
- 8:40 – 9:00 **DMEK Complications**
Mark Terry, MD
- 9:00 – 9:20 **When to Perform DSAEK vs. DMEK**
Mark Terry, MD
- 9:20 – 9:40 **AI Driven Performance Assessment Tools for Cataract Surgery**
Shameema Sikder, MD
- 9:40 – 10:00 **Endothelial Graft Inserters**
Mark Terry, MD

Afternoon Session

4:30 – 5:00 Sign into Zoom Webinar

Pediatric Cornea and Academia Topics

Chairs: Christina Prescott, MD, PhD and Kathryn Colby, MD, PhD

- 5:00 – 5:20 **Pediatric Keratoplasty Techniques and Outcomes**
Christina Prescott, MD, PhD
- 5:20 – 5:40 **COVID-19 and Academic Ophthalmology**
Peter McDonnell, MD
- 5:40 – 6:00 **Role of Surgical Labs in Ophthalmic Education**
Shameema Sikder, MD
- 6:00 – 6:20 **Keratoprosthesis: Update**
Kathryn Colby, MD, PhD
- 6:20 – 6:40 **New Concepts in Drug Delivery**
Peter McDonnell, MD
- 6:40 – 7:00 **Questions and Discussions**
Shameema Sikder, MD, PhD

Program

All program times listed are MST.

WEDNESDAY, MARCH 16, 2022

Morning Session

6:30 – 7:00 Sign into Zoom Webinar

Glaucoma

Chairs: Thomas Johnson, MD, PhD and Jeffrey SooHoo, MD

- 7:00 – 7:15 **Improving Adherence with Glaucoma Medications**
Thomas Johnson, MD, PhD
- 7:15 – 7:30 **Update on Angle Closure-Has the EAGLE been ZAPPED?**
Henry Jampel, MD
- 7:30 – 7:50 **Getting Started with Kahook Dual Blade Goniotomy**
Jeffrey SooHoo, MD
- 7:50 – 8:05 **New Glaucoma Medications-Fact and Fantasy**
Henry Jampel, MD
- 8:05 – 8:10 **Questions and Answers**
Jeffrey SooHoo, MD, Henry Jampel, MD, and Thomas Johnson, MD, PhD
- 8:10 – 8:25 Break and Opportunity to Visit Virtual Exhibit Hall
- 8:25 – 8:45 **Cataract Surgery in the Glaucoma Patient**
Jeffrey SooHoo, MD
- 8:45 – 9:05 **Which MIGS Procedure for Which Patient**
Thomas Johnson, MD, PhD
- 9:05 – 9:20 **Trabeculoplasty in Light of the LIGHT**
Henry Jampel, MD
- 9:20 – 9:35 **Neuroprotection for Glaucoma – Are we there yet?**
Thomas Johnson, MD, PhD
- 9:35 – 9:50 **Future Glaucoma Treatments – What's on the Horizon?**
Jeffrey SooHoo, MD
- 9:50 – 10:00 **Questions and Answers**
Thomas Johnson, MD, PhD, Jeffrey SooHoo, MD and Henry Jampel, MD

Afternoon Session

3:50 – 4:20 Sign into Zoom Webinar

Retina

Chairs: Neil Bressler, MD and Christina Weng, MD, MBA

- 4:20 – 4:40 **Teleretinal Screening and Home Monitoring for Macular Disease**
Christina Weng, MD, MBA
- 4:40 – 5:00 **Current Management of Diabetic Macular Edema**
Neil Bressler, MD
- 5:00 – 5:20 **Port Delivery Systems for Retinal Diseases: Has Its Time Arrived**
Caroline Bauman, MD
- 5:20 – 5:40 **Current Management of Proliferative Diabetic Retinopathy**
Neil Bressler, MD

- 5:40 – 6:00 **Update on Management of Choroidal Neovascularization in Age-Related Macular Degeneration**
Neil Bressler, MD
- 6:00 – 6:20 **Artificial Intelligence and Retinal Imaging**
Neil Bressler, MD
- 6:20 – 6:40 **Surgical Management of Diabetic Retinopathy**
Christina Weng, MD, MBA
- 6:40 – 7:00 **Questions and Answers**
Christina Weng, MD, MBA

THURSDAY, MARCH 17, 2022

Morning Session

6:30 – 7:00 Sign into Zoom Webinar

Retina for The Comprehensive Ophthalmologist

Chairs: Susan Bressler, MD and Christina Weng, MD, MBA

- 7:00 – 7:20 **Endophthalmitis After Cataract Surgery in 2022**
Christina Weng, MD, MBA
- 7:20 – 7:40 **Biosimilars: It's Here for Ophthalmology**
Susan Bressler, MD
- 7:40 – 8:00 **Efficacy and Safety of Some New Agents for Neovascular AMD**
Caroline Bauman, MD
- 8:00 – 8:20 **Advances in Viewing Systems for Ocular Surgery**
J. Fernando Arevalo, MD, PhD
- 8:20 – 8:40 Break and Opportunity to Visit Virtual Exhibit Hall
- 8:40 – 9:00 **Falls and AMD: What Ophthalmologists Might Want to Know**
Susan Bressler, MD
- 9:00 – 9:20 **Focusing on the Patient When Managing Retinal Diseases**
Susan Bressler, MD
- 9:20 – 9:40 **PRP vs Anti-VEGF for Proliferative Diabetic Retinopathy: Choices from Around the World**
Jun Kong, MD, PhD
- 9:40 – 10:00 **Questions and Answers**
Susan Bressler, MD and Christina Weng, MD, MBA

Afternoon Session

4:30 – 5:00 Sign into Zoom Webinar

Ocular Inflammation

Chairs: Douglas Jabs, MD, MBA and Meghan Berkenstock, MD

- 5:00 – 5:20 **Diagnosis of the Uveitides: The SUN Classification Criteria for the Uveitides Project**
Douglas Jabs, MD, MBA

Program

All program times listed are MST.

- 5:20 – 5:50 **Keeping an Eye on Ocular Adverse Events: Checkpoint Inhibitors and Immunotherapy**
Meghan Berkenstock, MD
- 5:50 – 6:20 **Infectious Posterior and Pan-uveitides**
Douglas Jabs, MD, MBA
- 6:20 – 7:00 **Illustrative Cases**
Meghan Berkenstock, MD

FRIDAY, MARCH 18, 2022

Morning Session

- 6:30 – 7:00 Sign into Zoom Webinar

Oculoplastics and Orbit

Chair: Sophie Liao, MD

- 7:00 – 7:20 **Lumps and Bumps: Management 101**
Sara Wester, MD
- 7:20 – 7:40 **Tele-Ophthalmology for Oculoplastic and Orbital Concerns**
Sophie Liao, MD
- 7:40 – 8:00 **Treating the Tearing Patient**
Sara Wester, MD
- 8:00 – 8:20 **Thyroid Eye Disease Update**
Sara Wester, MD
- 8:20 – 8:40 Break and Opportunity to Visit Virtual Exhibit Hall
- 8:40 – 9:00 **Introduction to Non-surgical Rejuvenation**
Sophie Liao, MD
- 9:00 – 9:20 **Blepharoplasty Basics**
Sophie Liao, MD
- 9:20 – 10:00 **Complicated Cases**
Sara Wester, MD and Sophie Liao, MD

Afternoon Session

- 4:30 – 5:00 Sign into Zoom Webinar

Neuro-ophthalmology and Imaging

Chairs: Amir Kashani, MD, PhD and Andrew Carey, MD

- 5:00 – 5:20 **Fundamentals of OCT Angiography**
Amir Kashani, MD, PhD
- 5:20 – 5:40 **Update on Idiopathic Intracranial Hypertension**
Andrew Carey, MD
- 5:40 – 6:00 **Ultrawide Field Imaging in Ophthalmology**
Amir Kashani, MD, PhD
- 6:00 – 6:20 **Update on Giant Cell Arteritis**
Andrew Carey, MD
- 6:20 – 6:40 **Cases Where OCT Angiography Contributed to Care**
Amir Kashani, MD, PhD
- 6:40 – 6:50 **Questions and Answers**
Amir Kashani, MD, PhD and Andrew Carey, MD
- 6:50 – 7:00 **Closing Remarks and Adjourn**
Neil Bressler, MD

You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance.

ACKNOWLEDGEMENT

Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus. Please note that commercial support received is solely for the educational component of the activity and will not be used to provide food and beverage.

Please note: The Physician Payments Sunshine Act was enacted by Congress to increase public awareness of financial relationships between drug and medical device manufacturers and physicians. In compliance with the requirements of this Act, the commercial supporter/s of this activity may require the Johns Hopkins School of Medicine to report certain professional information (such as name, address, National Provider Identifier (NPI), and State License number) of physician attendees who receive complimentary food and beverage in conjunction with a CME activity. The commercial supporter is required to submit the collected data to the Centers for Medicare and Medicaid Services which will then publish the data on its website.

Faculty

Activity Director

Neil Bressler, MD
Professor of Ophthalmology

Planning Committee

Yassine Daoud, MD
Assistant Professor of Ophthalmology

Shameema Sikder, MD
Associate Professor of Ophthalmology

JOHNS HOPKINS SPEAKERS

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Professor of Ophthalmology

Meghan Berkenstock, MD
Assistant Professor of Ophthalmology

Susan Bressler, MD
Professor of Ophthalmology

Andrew Carey, MD
Assistant Professor of Ophthalmology

Douglas Jabs, MD, MBA
Professor of Ophthalmology

Henry Jampel, MD
Professor of Ophthalmology

Thomas Johnson, MD, PhD
Assistant Professor of Ophthalmology

Amir Kashani, MD, PhD
Associate Professor of Ophthalmology

Peter McDonnell, MD
Professor and Chair of Ophthalmology

GUEST SPEAKERS

Caroline Bauml, MD
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Tufts University School of Medicine
Boston, Massachusetts

Kathryn Colby, MD, PhD
Elisabeth J. Cohen Professor and Chair
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REGISTRATION FEE:

Livestream Only\$250

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