

THE RETINA DIVISION

The
Wilmer Eye Institute
at Johns Hopkins University
School of Medicine

What's New in Diabetic Retinopathy and Venous Occlusive Disease

September 26, 2018

The Johns Hopkins University
School of Medicine
Thomas B. Turner Building
Baltimore, Maryland

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

Presented by
Department of Ophthalmology



September 26, 2018
Baltimore, Maryland

What's New in Diabetic Retinopathy and Venous Occlusive Disease

Office of Continuing Medical Education
Turner 20
720 Rutland Avenue
Baltimore, Maryland 21205-2195

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Description

The total number of people worldwide with diabetes mellitus is projected to rise from 171 million in 2000 to 366 million in 2030. In the United States, almost 24 million or 8 percent of the population has diabetes mellitus. Approximately 4.0 million Americans age 40 and older have diabetic retinopathy, 900,000 of whom have vision threatening disease, defined as pre-proliferative retinopathy, macular edema, or both. Diabetic retinopathy remains the leading cause of blindness in adults who make up the work force. Despite this, diabetic retinopathy and venous occlusive disease are often under-diagnosed and under-treated. This annual course highlights new information being reported by the Diabetic Retinopathy Clinical Research Network and others, which will impact current standard care and management strategies.

Who Should Attend

This activity is intended for ophthalmologists, retina specialists, residents, fellows and other health care professionals.

Objectives

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

- Summarize the evidence of relation of diabetic control to incidence and severity of retinopathy.
- Diagnose diabetic macular edema, severe non-proliferative diabetic retinopathy, and high risk proliferative diabetic retinopathy.
- Determine how best to manage diabetic macular edema, severe non-proliferative diabetic retinopathy, and high risk proliferative diabetic retinopathy.
- Recognize new experimental treatment options.

Program

7:30 – 8:00	Registration and Continental Breakfast
8:00 – 8:15	Welcome and Introduction Peter McDonnell, MD
8:15 – 8:20	Conference Goals Sharon Solomon, MD
Epidemiology and Medical Management Moderator: Sharon Solomon, MD	
8:20 – 8:45	Epidemiology of Diabetic Retinopathy and Retinal Vein Occlusion Bonnielin Swenor, MD, PhD
8:45 – 9:10	An Ophthalmologist's Guide to Diabetes Medical Management in 2018 Rita Kalyani, MD
9:10 – 9:35	Patient-Reported Visual Outcomes After Anti-VEGF Therapy for Macular Edema Due to Central Retinal Vein Occlusion or Hemi-Retinal Vein Occlusion Ingrid Scott, MD, MPH
9:35 – 10:00	The Effects of Medical Management on the Progression of Diabetic Retinopathy in Type 2 Diabetics: ACCORD Eye Study Emily Chew, MD
10:00 – 10:30	Refreshment Break and Exhibits
Management of Diabetic Macular Edema and Proliferative Diabetic Retinopathy: Part I Moderator: Peter Campochiaro, MD	
10:30 – 10:50	Current Benefits and Risks of Anti-VEGF Therapy for Diabetic Macular Edema: Aflibercept, Bevacizumab, or Ranibizumab? Lisa Schocket, MD
10:50 – 11:10	Cost-Effectiveness of Aflibercept, Bevacizumab, or Ranibizumab for Diabetic Macular Edema: Analysis from the DRCR.net Bilal Khan, MD
11:10 – 11:30	What is the Role of Corticosteroids for Managing Diabetic Macular Edema? Peter Campochiaro, MD
11:30 – 11:50	Impact of Intravitreal Corticosteroids or Anti-VEGF Drugs on Worsening or Improvement of Diabetic Retinopathy Adam Wenick, MD, PhD
11:50 – 12:10	Intravitreal Anti-VEGF Therapy Versus Panretinal Photocoagulation for Proliferative Diabetic Retinopathy: Is it Time to Retire the Laser? Kim Jiramongkolchai, MD
12:10 – 1:10	Lunch with Retina Faculty

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 7.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Credit

ARBO credit is pending from The Maryland Board of Examiners in Optometry.

Policy On Speaker And Provider Disclosure

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider globally disclose conflicts of interest. The Johns Hopkins University 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.

The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.

Management of Diabetic Macular Edema and Proliferative Diabetic Retinopathy: Part II

Moderator: Elia Duh, MD

1:10 – 1:40	Managing Diabetic Macular Edema and Proliferative Diabetic Retinopathy in 2018: Case Presentations Moderator: Tin Yan Liu, MD Discussants: Peter Campochiaro, MD; Emily Chew, MD; Kim Jiramongkolchai, MD; Bilal Khan, MD; Lisa Schocket, MD; Adrienne Scott, MD; Ingrid Scott, MD, MPH; Adam Wenick, MD, PhD
1:40 – 2:00	Diabetic Choroidopathy Gerard Luttj, PhD
2:00 – 2:20	Novel Targets and Protective Pathways in Diabetic Retinopathy and Diabetic Macular Edema: From Bench to Bedside Silvia Montaner, PhD, MPH
2:20 – 2:40	Decision-Making and Pitfalls in Diabetic Vitrectomy James Handa, MD
2:40 – 3:10	Controversies in Diabetic Retinopathy Basic Science Research Moderator: Elia Duh, MD Discussants: Peter Campochiaro, MD; Gerard Luttj, PhD; Silvia Montaner, PhD, MPH
3:10 – 3:30	Refreshment Break and Exhibits
Management of Retinal Vein Occlusions Moderator: Sharon Solomon, MD	
3:30 – 3:50	New Approaches Aimed at Reducing Treatment Burden Catherine Meyerle, MD
3:50 – 4:10	Anti-VEGF Drugs, Score 2 Results, and Steroids for Retinal Vein Occlusion Mira Sachdeva, MD, PhD
4:10 – 4:30	Monthly Versus Treat-and-Extend Anti-VEGF Injection Schedules in Score 2 Ingrid Scott, MD, MPH
4:30 – 5:00	Managing Retinal Vein Occlusions in 2018: Case Presentations Moderator: Ingrid Zimmer-Galler, MD Discussants: Catherine Meyerle, MD; Mira Sachdeva, MD, PhD; Adrienne Scott, MD; Ingrid Scott, MD, MPH
5:00	Summary Adjourn

You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance.
The registration desk will remain open during conference hours.

What's New in Diabetic Retinopathy and Venous Occlusive Disease

September 26, 2018

Speakers

Activity Director

Sharon Solomon, MD

*The Katharine Graham Professorship
Associate Professor of Ophthalmology
Johns Hopkins Medicine, The Wilmer Eye Institute*

Co-Directors

Peter Campochiaro, MD

*George S. and Dolores Dore Eccles
Professorship
Professor of Ophthalmology
Johns Hopkins Medicine,
The Wilmer Eye Institute*

Johns Hopkins Speakers

James Handa, MD

*Robert Bond Welch
Professor of Ophthalmology
Director of Retina Division*

Kim Jiramongkolchai, MD

Assistant Professor of Ophthalmology

Rita Kalyani, MD

*Associate Professor of Medicine
Division of Endocrinology*

Tin Yan Liu, MD

Assistant Professor of Ophthalmology

Gerard Lutty, PhD

*The G. Edward and G. Britton Durell
Professor of Ophthalmology
Director, Ocular Vasculogenesis and
Angiogenesis Laboratory*

Guest Speakers

Emily Chew, MD

*Deputy Director, Division of Epidemiology
and Clinical Applications
National Eye Institute (NEI), National
Institutes of Health (NIH)
Division of Epidemiology and Clinical
Applications
Bethesda, Maryland*

Bilal Khan, MD

*Assistant Professor of Ophthalmology
Director of Vitreoretina Services
Howard University Hospital
Washington, DC*

Elia Duh, MD

*Professor of Ophthalmology
Johns Hopkins Medicine,
The Wilmer Eye Institute*

Peter McDonnell, MD

*Director and William Holland Wilmer
Professor of Ophthalmology
The Wilmer Eye Institute*

Catherine Meyerle, MD

Assistant Professor of Ophthalmology

Mira Sachdeva, MD, PhD

Associate Professor of Ophthalmology

Adrienne Scott, MD

Associate Professor of Ophthalmology

Bonnielin Swenor, MD, PhD

Assistant Professor of Ophthalmology

Adam Wenick, MD, PhD

Assistant Professor of Ophthalmology

Ingrid Zimmer-Galler, MD

Associate Professor of Ophthalmology

Silvia Montaner, PhD, MPH

*Associate Professor of Oncology and
Diagnostic Sciences
Greenebaum Cancer Center
University of Maryland
Baltimore, Maryland*

Lisa Schocket, MD

*Associate Professor of Ophthalmology
Vice Chair for Clinical Affairs
Department of Ophthalmology and
Visual Sciences
University of Maryland School of Medicine
Baltimore, Maryland*

Ingrid Scott, MD, MPH

*Jack and Nancy Turner Professor of
Ophthalmology
Professor of Public Health Sciences
Penn State College of Medicine
Hershey, Pennsylvania*

General Information

Registration

September 26, 2018
7:30 am

Location

Thomas B. Turner Building
Johns Hopkins University School of Medicine
720 Rutland Avenue
Baltimore, Maryland 21205

The Turner Building is located on Rutland Avenue at Monument Street. Directions and campus parking information are available on our website under the Contact Us tab at <https://HopkinsCME.cloud-cme.com>. Handicapped parking is available in the nearby Rutland Garage.

Johns Hopkins is smoke-free.

Fees

Register Online:

<https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=14673>

Methods of Payment: We require full payment prior to the start of the activity. On-site payments by credit card only. The registration fee includes instructional materials, continental breakfast, refreshment breaks and lunch.

Physicians\$ 325
Residents*/Fellows*/Nurses/NPs/PAs/Allied Health Professionals.....\$ 225
*with verification of status

You will receive a confirmation by e-mail. If you have not received it by September 20, 2018, 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 \$50 late fee applies to registrations received after 5:00 p.m. ET on September 20, 2018. A handling fee of \$50 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 September 20, 2018. 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 prior to the activity. All registrants will receive a flashdrive with the slides and paper for note-taking. This is included in the cost of your registration. A link to the syllabus will be provided via email shortly before the activity begins if you prefer to study or print the syllabus.

Hotel and Travel Information

Embassy Suites Baltimore-Downtown (800) 873-6668
222 Saint Paul Place (410) 727-2222
Baltimore, Maryland 21202-2087 FAX: (410) 685-4216
Website: www.embassysuites.com

Hotel Reservation Cut-Off Date: September 4, 2018

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis.

The Embassy Suites Baltimore-Downtown is an all-suite hotel located just a short walk from Baltimore's Inner Harbor. All guest rooms are equipped with kitchenettes and one and two bedroom suites feature separate sleeping quarters. Complimentary all-American hot breakfast buffet and complimentary evening reception is included in hotel group rate. Make your reservation online with group reservation code Diabetic Retinopathy at

www.embassysuites.com or call the hotel directly and specify that you are attending the Johns Hopkins Diabetic Retinopathy Meeting to receive the special group rate of \$139, single or double, plus tax. Complimentary roundtrip transportation will be provided. Both valet and self-parking are available on-site at an additional charge. Check-in time is 4:00 p.m. Check-out time is 12:00 p.m.

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 **November 14, 2018**.

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.

Emergency Calls

On September 26, 2018 direct emergency calls to the Hopkins registration desk, (410) 955-3673. Messages will be posted for participants.

Americans With Disabilities Act

The Johns Hopkins University 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.

To Register or for Further Information

Register Online

<https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=14673>

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

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Organization Code: HopkinsCME



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

For general information, please visit the activity webpage at:
<https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=14673>

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 University 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.

Registration Form

Course Number 80046151/14673

What's New In Diabetic Retinopathy and Venous Occlusive Disease? September 26, 2018

To Register:

Online <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=14673>

By fax: (866) 510-7088 **By phone:** (410) 502-9636

Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, 720 Rutland Avenue, Turner Room 20, Baltimore, Maryland 21205-2195. Include e-check or credit card information below.

FULL PAYMENT IS REQUIRED PRIOR TO THE START OF ACTIVITY.

I am a Johns Hopkins speaker for this activity.

Please type or print clearly:

last name	first name	m.i.	
highest degree	primary specialty	Hopkins faculty/staff only: JHED ID	
For Physicians Only: NPI – 10 digits	State License #	State of License	
organization	mailing address		
city	state	ZIP	country
daytime telephone	fax number		
e-mail (required)			

Check here if you wish to receive e-mail notices about upcoming CME activities.

What do you hope to learn by attending this activity?

Please notify us if you have any special needs.

Registration Fees:

Physicians.....\$325
 Residents*/Fellows*/Nurses/NPs/PAs/Allied Health Professionals.....\$225
*with verification of status

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on **September 20, 2018** include a \$50 late fee. On-site registrations are payable only by credit card.

Total amount \$ _____

Payment Type:

JHU Faculty/Staff Only: If you are using your Tuition Remission Benefit or an ION budget, please upload your fully completed and approved form in the payment section of the online activity link above.

TR Form: <http://benefits.jhu.edu/documents/trffacandstaff.pdf>

ION Form: <http://hopkinscme.edu/migration/IonRequest.pdf>

e-Check: Routing #: _____ **Account #:** _____

Credit Card: VISA MASTERCARD DISCOVER AMEX

Card # _____ Exp. Date _____

Billing Zip Code _____ Security Code _____

Name on Card

Signature and Date

This schedule is subject to change.