



Mayo School of Continuous Professional Development

MAYO CLINIC

RETINA UPDATE & CASE CONFERENCE



April 21-22, 2017

**MAYO CLINIC CAMPUS
ROCHESTER, MN**

REGISTER ONLINE NOW!

ce.mayo.edu/retina2017

GENERAL INFORMATION

Course Description

As clinical trials broaden our understanding of retinal diseases, how do we apply this knowledge to the care of each individual patient? The options for treatment of retinal diseases such as macular degeneration, diabetic retinopathy, retinal vein occlusions and retinal detachments are evolving at a rapid pace. There are currently several treatment options available to tackle these diseases, and the choice and timing of which treatment to use can be confusing. This course aims to update retina specialists and practicing ophthalmologists about the current state-of-the-art treatment options available for the management of retinal diseases.

Course Learning Objectives

Upon conclusion of this program, participants should be able to:

1. Summarize current clinical trial data for patients with common retinal diseases such as age-related macular degeneration, diabetic retinopathy and retinal vein occlusion.
2. Identify and create evidence-based treatment algorithms for common diseases, based on efficacy, tolerability and safety of the treatment options.
3. Describe and implement treatment options for rare retinal diseases.

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

Intended Audience

Ophthalmologists and Retinal Specialists

Credit

Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Mayo Clinic College of Medicine designates this live activity for a maximum of 9 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Grants and Exhibits

At the time of this printing, a complete listing of commercial supporters (financial or in-kind) was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting.

Exhibits will be available for viewing at all scheduled breaks.

Date and Location

The Mayo Clinic Retina Update & Case Conference 2017 will be held April 21-22, 2017. Course headquarters will be located in Mayo Clinic Buildings, 100 Second Avenue Southwest, Rochester, Minnesota. Meeting facilities are easily accessible by skyway and pedestrian subway, which connect Mayo Clinic to shops, restaurants, and hotels.

Registration

To register online, visit ce.mayo.edu/retina2017.edu/. The registration fee includes tuition, comprehensive course syllabus (electronic), food, and beverages. Although it is not Mayo School of Continuous Professional Development (CPD) policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

Friday - M.D. Only\$90**
Friday and Saturday - M.D.\$380**
Saturday - M.D. and O.D.\$300
Saturday - Allied Health\$250

**In conjunction with the Minnesota Academy of Ophthalmology, ophthalmologists are invited to a case presentation lecture and dinner on Friday, April 21, at 4:30 p.m. If you are a member of your state's Ophthalmology Association, please contact Kari Koenigs (koenigs.kari@mayo.edu) to receive a special \$30 discount code. This code can be used for the Friday only session or the Friday and Saturday session.

For additional information, contact:

Mayo School of Continuous Professional Development
Plummer 2-60
200 First Street SW
Rochester, MN 55905

Website: www.mayo.edu/cme
E-mail: cme@mayo.edu
Phone: 800-323-2688 or 507-284-2509
Fax: 507-284-0532

Cancellation Policy

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TRAVEL

Rochester, Minnesota, is a friendly city that greets thousands of visitors from around the world each year. The city is serviced by a modern international airport with multiple flights daily via American or Delta Airlines. Access to and from the airport is provided by taxi, shuttle service, and rental car. The airport is located approximately 10 miles from the Mayo Clinic campus.

Mayo Clinic's appointed travel company, Ultramar Travel, is available to assist with your travel arrangements. To make your reservation, phone Ultramar Travel toll-free at 1-866-629-6885.

Note to Travelers: Several cities in the United States are named Rochester. When you make airline reservations and check your baggage, be sure that your destination is Rochester, Minnesota (RST) and that your baggage has been properly tagged.

Travel arrangements are the sole responsibility of the individual registrant.

Lodging Accommodations

Guest rooms have been reserved for attendees and their guests with special course rates at each of the following downtown Rochester hotels. In order to receive the special rate, reservations must be made before the room block is filled or before the expiration date of March 31, 2017, whichever comes first. Reservations will be taken following this date based on space and rate availability. Please identify yourself as a participant of the Mayo Clinic Retina Course when making your reservation.

Rochester Marriott Hotel
101 First Avenue SW
877-623-7775 or 507-280-6000
\$145.00 single/double

The hotel listed above are connected by skyway and pedestrian subway to conference facilities, downtown shops, and restaurants. You may wish to visit the Rochester Convention and Visitors Bureau website (www.rochesterconvb.org) and/or www.rochester411.com for additional accommodation options and area information.

Lodging arrangements are the sole responsibility of the individual registrant.

Mayo School of CPD is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the meeting. Costs incurred by the registrant such as airline or hotel fees or penalties are the responsibility of the registrant.

PARKING

Parking is available in hotel, city, and Mayo patient/visitor ramps. The cost for parking is not included in the registration fee. A map indicating the location of downtown parking facilities will be mailed with the registrant confirmation letter.

Faculty

Course Directors

*Sophie J. Bakri, MD
Professor of Ophthalmology
Mayo Clinic, Rochester*

*Raymond Iezzi, MD
Associate Professor of Ophthalmology
Mayo Clinic, Rochester*

Mayo Faculty:

*Andrew J. Barkmeier, M.D.
Assistant Professor of Ophthalmology
Mayo Clinic, Rochester*

*Jose S. Pulido, M.D.
Professor of Ophthalmology
Mayo Clinic, Rochester*

*Wendy M. Smith, M.D.
Assistant Professor of Ophthalmology
Mayo Clinic, Rochester*

Guest Faculty

*Thomas W. Gardner, M.D.
Professor of Ophthalmology
Kellogg Eye Center
University of Michigan
Ann Arbor, MI*

*Allen Ho, M.D.
Professor of Ophthalmology
Wills Eye Hospital
Thomas Jefferson University
Philadelphia, PA*

*Michael Ip, M.D.
Professor of Ophthalmology
David Geffen School of Medicine
University of California - Los Angeles
Medical Director, Doheny Image
Reading Center
Doheny Eye Institute
Los Angeles, CA*

*Daniel F. Martin, M.D.
Professor and Chair
Cole Eye Institute
Cleveland Clinic
Cleveland, OH*

*Kirk H. Packo, M.D.
Professor and Chair
Department of Ophthalmology
Rush Medical College
Chicago, IL*

*David W. Parke II, M.D.
Chief Executive Officer
American Academy of Ophthalmology
San Francisco, CA*

*Edwin H. Ryan, M.D.
Vitreoretinal Surgery, PA
Minneapolis, MN*

*David Sarraf, M.D.
Clinical Professor of Ophthalmology
Stein Eye Institute, UCLA
Los Angeles, CA*

*Kimberly Stepien, M.D.
Associate Professor
University of Wisconsin School of
Medicine and Public Health
Department of Ophthalmology and
Visual Sciences
Madison, WI*

FACULTY DISCLOSURE

As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo School of Continuous Professional Development) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

NATIONAL PHYSICIAN PAYMENT TRANSPARENCY PROGRAM

Mayo Clinic College of Medicine complies with the requirements of the National Physician Payment Transparency Program OPEN PAYMENTS (Physician Payments Sunshine Act).

PROGRAM SCHEDULE

Friday, April 21, 2017

Jointly sponsored by the Mayo
Clinic and the Minnesota
Academy of Ophthalmology

Session 1: Interesting Cases

- 4:30 p.m. Registration and Appetizers
- 5:30 p.m. Case presentations by faculty and participants
- 8:00 p.m. Dinner

Saturday, April 22, 2017

- 7:00 a.m. Breakfast, Registration, Exhibitors

Session 2: Medical Retina and Clinical Trials

- 8:00 a.m. Treatment of Proliferative Diabetic Retinopathy
Michael Ip, M.D.
- 8:15 a.m. Treating Diabetic Macular Edema: Role of laser, anti-VEGF and steroids
Andrew J. Barkmeier M.D.
- 8:30 a.m. Diabetic Retinal Sensory Neuropathy
Thomas W. Gardner, M.D.
- 8:45 a.m. Update on the Treatment of Central Retinal Vein Occlusion
Michael Ip, M.D.
- 9:00 a.m. Clinical Applications of OCT Angiography and Beyond
David Sarraf, M.D.
- 9:15 a.m. Clinical Applications of Adaptive Optics Imaging
Kimberly Stepien, M.D.
- 9:30 a.m. "EHR's, IRIS, and the Promise/Perils of Big Data in Ophthalmology"
David W. Parke II, M.D.
- 9:45 a.m. Panel Discussion and Questions
- 10:00 a.m. Refreshment Break, Exhibitors

Session 3: Age-Related Macular Degeneration and Retinal Degenerations

- 10:30 a.m. Role of Genetic Testing in Inherited Retinal Degenerations
Kimberly Stepien, M.D.
- 10:45 a.m. Managing Neovascular AMD: Important Clinical Pearls from CATT
Daniel F. Martin, M.D.

- 11:15 a.m. Pathogenesis, Evolution, Diagnosis and Management of Type 3 Neovascularization in AMD
David Sarraf, M.D.

- 11:30 a.m. Complement Inhibition for Dry AMD
Sophie J. Bakri, M.D.

- 11:45 a.m. Cell Therapy Trials for Atrophic AMD
Allen Ho, M.D.

- 12:00 p.m. Panel Discussion & Questions

- 12:15 p.m. Lunch, Exhibitors

Session 4: Surgical Approaches and Future Direction

- 1:30 p.m. Surgical Strategies for Restoring Sight to the Blind
Raymond Iezzi, M.D.
- 1:45 p.m. Vitrectomy for the Anterior Segment Surgeon: How to do it safely
Kirk H. Packo, M.D.
- 2:00 p.m. Current Management of Retinal Detachment
Edwin H. Ryan, M.D.
- 2:15 p.m. Multimodal Imaging of Posterior Uveitis
Wendy M. Smith, M.D.
- 2:30 p.m. MEKAR
Jose S. Pulido, M.D.
- 2:45 p.m. Controversies in the Management of Vitreous Opacities
Edwin H. Ryan, M.D.
- 3:00 p.m. 3D Viewing: The Future of Vitreoretinal Surgery
Allen Ho, M.D.
- 3:15 p.m. The Timing of Retinal Detachment Repair – How Urgent Is It?
Kirk H. Packo, M.D.
- 3:30 p.m. The Importance of Clinicians in Medical Innovation
Thomas W. Gardner, M.D.
- 3:45 p.m. Is 'Volume to Value' Still Alive?
David W. Parke II, M.D.
- 4:00 p.m. Discussion, Questions and Close
- 4:15 p.m. Close

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