Practical Applications of New Optical Coherence Tomography (OCT) Technologies (SD-OCT, OCT-A, SS-OCT) for Ocular Disease Diagnosis and Management

December 2, 2017
Bascom Palmer Eye Institute

Sponsored by the University of Miami Miller School of Medicine
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Bascom Palmer Eye Institute invites you to join us this December for our fifteenth Ophthalmic Imaging CME meeting in Palm Beach, Florida. The meeting will feature exciting presentations on what is new in imaging of retinal diseases, glaucoma, and neuro-ophthalmology using a practical case-based approach with brief introductions to new technologies of clinical relevance.
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Bascom Palmer Eye Institute Program

Subject to change course description

Optical Coherence Tomography (OCT) is now a widely utilized ophthalmic diagnostic technology. This program, which includes the co-inventors of the technology among its faculty, is unique in its approach. The basic physical principles of OCT and new OCT imaging modalities are reviewed, followed by a comprehensive discussion and review of current clinical applications in the diagnosis and management of glaucoma, neuro-ophtalmic, corneal, and retinal diseases. Case-based presentations and discussions with faculty and meeting attendees will highlight the utility and important role of OCT imaging in identifying ocular disease and its response to treatment in clinical practice.

Course Objectives

Upon completion of this course, participants should be able to:

- Evaluate current and new uses and modalities of OCT for ophthalmic disease imaging
- Recognize artifacts and pitfalls of OCT imaging for ocular disease
- Examine diagnostic capabilities of imaging for glaucoma and formulate treatment plans based on imaging data along with functional testing
- Analyze imaging data for change to determine when to escalate treatment for glaucoma in response to progression by imaging
- Identify and follow patients with neuro-ophtalmic disease based on imaging testing
- Interpret retinal imaging to help diagnose retinal diseases
- Use OCT imaging to determine progression and response to treatment of retinal diseases
- Analyze clinical trial use of imaging technology and how to put into clinical practice

Saturday, December 2, 2017

7:30 am Continental Breakfast

8:05 Welcome Remarks and Announcements
Richard K. Lee, MD, PhD

8:10 Invention, Evolution and Advances in OCT Technology
James G. Fujimoto, PhD

8:30 OCT and Glaucoma: What Information Do I Use From an OCT Printout
Richard K. Lee, MD, PhD
8:50  Pitfalls in OCT Imaging for Glaucoma
   Teresa C. Chen, MD
9:15  Latest in OCT Glaucoma Progression Analysis
   Donald L. Budenz, MD, MPH
9:45  Glaucoma Case Studies and Panel Discussion
     Moderator: Richard K. Lee, MD, PhD
     Panelists: Donald L. Budenz, MD, MPH; Teresa C. Chen, MD;
                Anna K. Junk, MD; and Sarah R. Wellik, MD
10:20 Refreshment Break
10:40 New Imaging Approaches for Glaucoma Imaging
   Xiang-Run Huang, PhD
10:55 OCT Imaging of the Cornea/Anterior Segment
   Mohamed F. Abou-Shousha, MD, PhD
11:15 OCT in Neuro-ophthalmic Disease, Not Just the Nerve Fiber Layer Anymore
   Carlos Mendoza-Santiesteban, MD
11:35 Questions and Answers
     Moderator: Richard K. Lee, MD, PhD
     Panelists: Mohamed F. Abou-Shousha, MD, PhD; Donald L. Budenz, MD, MPH; Teresa C. Chen, MD; Anna K. Junk, MD; Carlos Mendoza-Santiesteban, MD; and Sarah R. Wellik, MD
12:40 Lunch
1:40  A Practical Primer on High Resolution OCT and OCT Angiography
   Jay S. Duker, MD
2:00  OCT Angiography and the Management of Diabetic Retinopathy
   Harry W. Flynn, Jr., MD
2:25  Diagnosis and Management of Disorders of the Vitreomacular Interface
   Jay S. Duker, MD
2:40  OCT Case Presentations in the Management of Diabetic Retinopathy
   Harry W. Flynn, Jr., MD
3:00  OCT Case Presentations in the Management of Dry and Wet Macular
   Philip J. Rosenfeld, MD, PhD
3:30 Refreshment Break
4:00  OCT Diagnostic Dilemmas: Case Presentations and Discussion
     Moderator: Jay S. Duker, MD
     Panelists: Jay S. Duker, MD; Harry W. Flynn, Jr., MD; Luis J. Haddock, MD; and Stephen G. Schwartz, MD, MBA
5:00 pm Adjourn/OCT Workshop and Cocktail Reception
5:00-6:00 Technical Exhibit and Workshop using OCT Systems*
   *No CME offered for this session
Course Director

Richard K. Lee, MD, PhD
Course Director
Associate Professor of Ophthalmology
Bascom Palmer Eye Institute
University of Miami Miller School of Medicine

Guest Speakers

Donald L. Budenz, MD, MPH
Kittner Distinguished Professor and Chairman
Department of Ophthalmology
University of North Carolina at Chapel Hill
Chapel Hill, NC

Teresa C. Chen, MD
Associate Professor of Ophthalmology
Harvard Medical School
Chief Quality Officer
Massachusetts Eye and Ear Infirmary
Boston, MA

Jay S. Duker, MD
Director, New England Eye Center
Professor and Chairman of Ophthalmology
Tufts Medical Center
Tufts University School of Medicine
Boston, MA

James G. Fujimoto, PhD
Elihu Thomson Professor of Electrical Engineering
Massachusetts Institute of Technology
Department of Electrical Engineering
and Computer Science
Cambridge, MA

Bascom Palmer Eye Institute Faculty

Mohamed F. Abou-Shousha, MD, PhD
Assistant Professor of Clinical Ophthalmology

Harry W. Flynn, Jr., MD
Professor of Ophthalmology
The J. Donald M. Gass Distinguished Chair in Ophthalmology

Luis J. Haddock, MD
Assistant Professor of Clinical Ophthalmology

Xiang Run Huang, PhD
Research Associate Professor of Ophthalmology

Anna K. Junk, MD
Associate Professor of Clinical Ophthalmology

Carlos Mendoza-Santiesteban, MD
Assistant Professor of Clinical Ophthalmology

Philip J. Rosenfeld, MD, PhD
Professor of Ophthalmology

Stephen G. Schwartz, MD, MBA
Associate Professor of Ophthalmology

Sarah R. Wellik, MD, MBA
Associate Professor of Clinical Ophthalmology
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Set amidst 140 acres of breathtaking oceanfront property in Palm Beach County, The Breakers is easily accessible from three airports—seven miles from Palm Beach International Airport, 42 miles from Ft. Lauderdale International Airport and 72 miles from Miami International Airport. Both Interstate 95 and the Florida Turnpike provide easy access to South County Road (via Okeechobee Boulevard) which leads to the entrance of The Breakers.

The special rate for conference attendees is $350 per night, plus tax; single or double deluxe occupancy. Check-in time is 4:00 pm and check-out time is 12 noon.

HOTEL RESERVATIONS
Please call the hotel directly at (888) 273-2537. Reservations must be made by November 3, 2017. Bascom Palmer’s preferred room bloc rate will be released after November 3, 2017. Reservations and deposits received after that time are subject to current rates and availability. Please contact The Breakers for hotel cancellation policies. For additional information visit: www.thebreakers.com

CONFERENCE FEES
Registration rate is $300. Conference fees include course materials, continental breakfast, lunch, coffee breaks and cocktail reception on Saturday night.

CANCELLATION POLICY
Conference tuition, less a $50 cancellation fee, is refundable if notice is received by November 17, 2017. No refunds shall be considered after November 17, 2017 or after sixty (60) days following payment.
ACCREDITATION
University of Miami Leonard M. Miller School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION
University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of 7.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURE AND CONFLICT OF INTEREST RESOLUTION
All conflicts of interest of any individual in a position to control the content of this CME activity will be identified and resolved prior to this educational activity being provided. Disclosure about provider and faculty relationships, or the lack thereof, will be provided to learners.

REGISTRATION (Space is limited. Please register early.)
To register by mail: Please complete the registration form and return with your check or credit card payment to:
Bascom Palmer Eye Institute
Department of Continuing Medical Education
1400 NW 10th Avenue, Suite 508, Miami, FL 33136
(Att: Danicza Zupcic)
To register by fax: Please complete the registration form and return with your credit card payment to (305) 326-6518.

SERVICES FOR THE DISABLED
If special arrangements are required for an individual with a disability to attend this conference, please contact Danicza Zupcic at (305) 326-6110 by November 17, 2017.

FOR MORE INFORMATION
Please contact Bascom Palmer Eye Institute
Continuing Medical Education
(305) 326-6110 / Email: bascompalmercme@miami.edu

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Registration is limited, so please register early.

Registration: $300

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