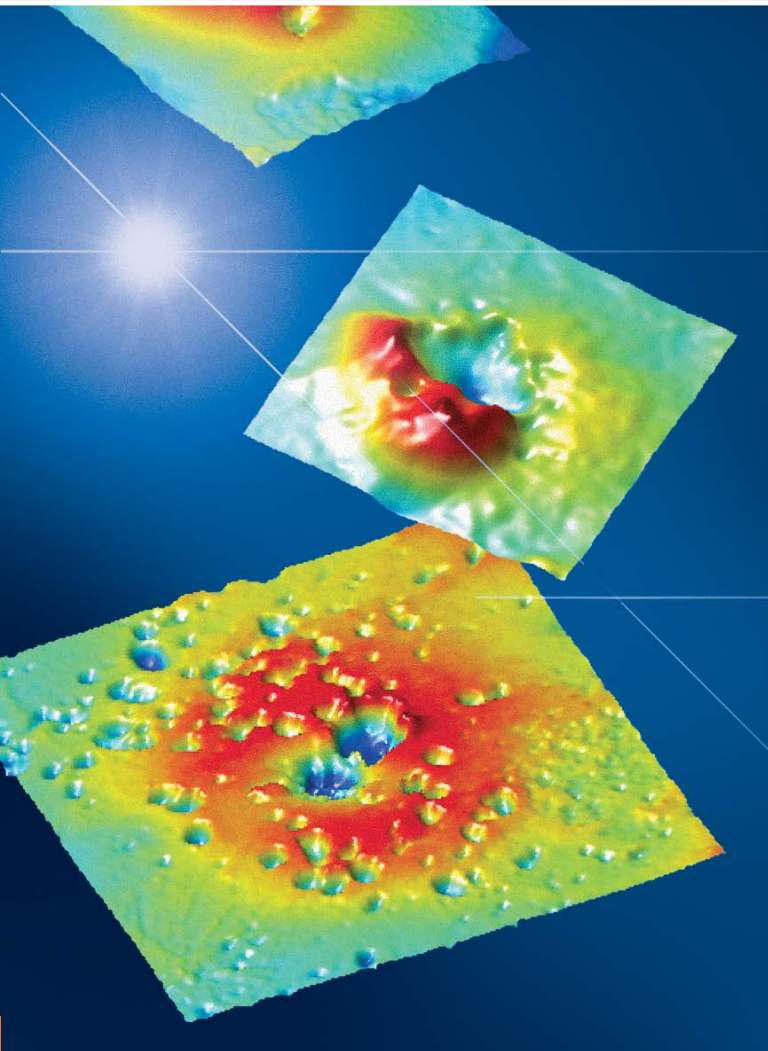


Practical Applications of Novel
Optical Coherence Tomography
Technologies in the Diagnosis and
Management of Ocular Disease



December 1, 2018

Sponsored by the University of Miami Miller School of Medicine



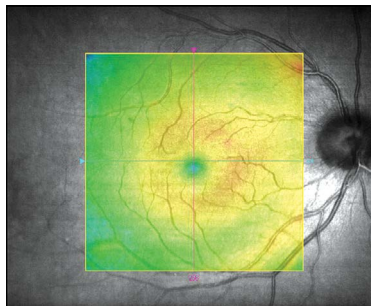
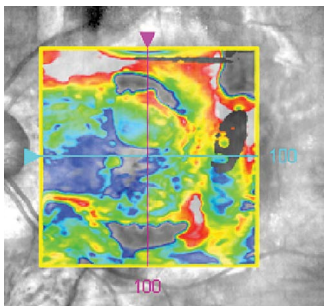
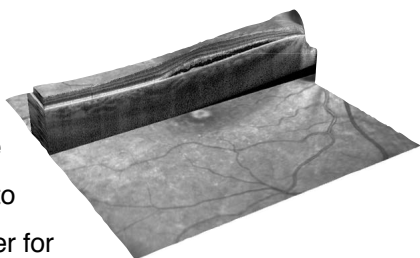
UNIVERSITY OF MIAMI
MILLER SCHOOL
of MEDICINE

Practical Applications of Novel Optical Coherence Tomography Technologies in the Diagnosis and Management of Ocular Disease

December 1, 2018

Bascom Palmer Eye
Institute invites you to
join us this December for

our sixteenth 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-ophthalmol-
ogy using a practical case-based approach with
brief introductions to new technologies of clinical
relevance.



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-ophthalmic, 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-ophthalmic 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 1, 2018

7:30 am **Registration and Continental Breakfast**

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

Session I

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
Donald L. Budenz, MD, MPH; Richard K. Lee, MD, PhD; and Joel S. Schuman, MD

8:50 Pitfalls in OCT Imaging for Glaucoma
Donald L. Budenz, MD, MPH; Richard K. Lee, MD, PhD; and Joel S. Schuman, MD

9:15 Latest in OCT Glaucoma Progression Analysis
Donald L. Budenz, MD, MPH; Richard K. Lee, MD, PhD; and Joel S. Schuman, MD

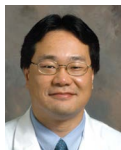
SATURDAY, DECEMBER 1, 2018

- 9:45 Glaucoma Imaging Case Studies and Panel Discussion
Moderator: Richard K. Lee, MD, PhD
Panelists: Donald L. Budenz, MD, MPH; Anna K. Junk, MD; Krishna Kishor, MD; Joel S. Schuman, MD; and Sarah R. Wellik, MD
- 10:25 **Refreshment Break**
- Session II**
- 10:45 New Approaches for Glaucoma Imaging and Data Analysis
Luis E. Vazquez, MD, PhD
- 11:00 OCT Imaging of the Cornea/Anterior Segment
Mohamed F. Abou-Shousha, MD, PhD
- 11:20 OCT in Neuro-Ophthalmic Disease, Not Just the Nerve Fiber Layer
Joshua Pasol, MD
- 11:40 Questions and Answers
Moderator: Richard K. Lee, MD, PhD
Panelists: Mohamed F. Abou-Shousha, MD, PhD; Donald L. Budenz, MD, MPH; Anna K. Junk, MD; Krishna Kishor, MD; Joshua Pasol, MD; Joel S. Schuman, MD; Luis E. Vazquez, MD, PhD; and Sarah R. Wellik, MD
- 12:45 **Lunch**
- Session III**
- 1:40 OCT 101: The Basics of Posterior Segment OCT Interpretation
Nadia K. Waheed, MD, MPH
- 2:00 OCT in the Evaluation and Management of the Vitreoretinal Interface Disorders
Jorge A. Fortun, MD
- 2:15 The Ongoing Evolution of Posterior Segment OCT: An Introduction to OCT-A, SS- OCT and Future Developments
Nadia K. Waheed MD, MPH
- 2:40 OCT and OCT-A in the Evaluation and Management of Diabetic Retinopathy
Harry W. Flynn Jr., MD
- 3:05 OCT Case Presentations in the Management of Dry and Wet Macular Degeneration
Philip J. Rosenfeld, MD, PhD
- 3:35 **Refreshment Break**
- Session IV**
- 4:00 OCT Diagnostic Dilemmas: Case Presentations and Discussion
Moderator: Jorge A. Fortun, MD
Panelists: Nadia K. Waheed, MD, MPH; Harry W. Flynn Jr., MD; Luis J. Haddock, MD; Philip J. Rosenfeld, MD, PhD; and Stephen G. Schwartz, MD, MBA
- 5:00 pm **Adjourn/OCT Workshop and Cocktail Reception**

**No CME offered for this session*

Speakers

COURSE CO-DIRECTORS



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



Jorge A. Fortun, MD
Associate Professor of Clinical Ophthalmology
Bascom Palmer Eye Institute at Palm Beach Gardens
University of Miami Miller School of Medicine
Palm Beach Gardens, FL

GUEST SPEAKERS



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



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



Joel S. Schuman, MD, FACS
Director, NYU Langone Eye Center
Professor and Chairman of Ophthalmology
New York University School of Medicine
Professor of Electrical and Computer Engineering
NYU Tandon School of Engineering
New York, NY



Nadia K. Waheed, MD, MPH
Associate Professor of Ophthalmology
Tufts University Medical Center
New England Eye Center
Boston Image Reading Center
Boston, MA

BASCOM PALMER EYE INSTITUTE SPEAKERS

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

Anna K. Junk, MD
Associate Professor of Clinical
Ophthalmology

Krishna S. Kishor, MD
Associate Professor of Clinical
Ophthalmology

Joshua Pasol, MD
Associate Professor of Clinical
Ophthalmology

Philip J. Rosenfeld, MD, PhD
Professor of Ophthalmology

**Stephen G. Schwartz, MD,
MBA**
Professor of Clinical Ophthalmology
Medical Director, Bascom Palmer Eye
Institute at Naples

Luis E. Vazquez, MD, PhD
Assistant Professor of Clinical
Ophthalmology

Sarah R. Wellik, MD
Associate Professor of Clinical
Ophthalmology

BASCOM PALMER EYE INSTITUTE

Practical Applications of Novel Optical Coherence Tomography Technologies in the Diagnosis and Management of Ocular Disease

THE BREAKERS PALM BEACH, FLORIDA

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www.thebreakers.com



The Breakers is one of America's legendary resort destinations. Listed on the National Register of Historic Places and distinguished with the AAA Five Diamond Award, The Breakers has invested \$250 million over the past decade in its ongoing revitalization and expansion. Its timeless atmosphere reflects the elegant comforts and personalization of a grand residence, but energized with a youthful, family-minded philosophy.

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 \$360 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, 2018. Bascom Palmer's preferred room bloc rate will be released after November 3, 2018. 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 \$350. 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 16, 2018.

No refunds shall be considered after November 16, 2018 or after sixty (60) days following payment.

TARGET AUDIENCE

Physicians (ophthalmologists)

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 on-line please visit:

bascompalmer.org/cme/ophthalmic-imaging/registration

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 Ave., Suite 508
Miami, FL 33136
(Attn: 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 16, 2018.

FOR MORE INFORMATION

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

www.bascompalmer.org



BASCOM PALMER EYE INSTITUTE

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