

BASCOM PALMER EYE INSTITUTE

Interactive Consultations in Cornea and Refractive Surgery



February 22-23, 2019

Sponsored by the University of Miami Miller School of Medicine



UNIVERSITY OF MIAMI
MILLER SCHOOL
of MEDICINE



Interactive Consultations in Cornea and Refractive Surgery

February 22-23, 2019

Bascom Palmer Eye Institute invites you to Miami this Winter to join us for our *Interactive Consultations in Cornea and Refractive Surgery* CME program. This unique and exciting symposium will be held February 22-23, 2019 at the Bascom Palmer Eye Institute in Miami. Come see us this Winter in Miami!



Program

Subject to change

FRIDAY, FEBRUARY 22, 2019

- 7:00 am **Registration and Continental Breakfast**
- 7:50 Welcome, Overview, and Pre-Program Test
Kendall E. Donaldson, MD, MS
- SESSION I: Cataract**
Moderator: Kendall E. Donaldson, MD, MS
- 8:00 Quarter DMEK and its Dilemmas & Controversies
Gerrit R.J. Melles, MD, PhD
- 8:10 Jacob Paperclip Capsule Stabilizer for Subluxated Cataracts and IOLs
Soosan Jacob, MS, FRCS, DNB
- 8:20 HSV: Treatment of Acute and Chronic Disease
Natalie A. Afshari, MD, FACS
- 8:30 Ocular Surface Disease in Glaucoma Patients
Sarah R. Wellik, MD
- 8:40 Panel Discussion
Natalie A. Afshari, MD, FACS; Soosan Jacob, MS, FRCS, DNB; Gerrit R.J. Melles, MD, PhD; and Sarah R. Wellik, MD
- 8:50 Cataract Surgery in Ocular Surface Disease
Sayan Basu, MBBS, MS
- 9:00 Pearls for DMEK in Patient with Prior Glaucoma/Retina Surgery
Gerrit R.J. Melles, MD, PhD
- 9:10 MIGS – Mas o Menos?
Carlos Buznego, MD
- 9:20 Prophylaxis for Cataract Surgery
Harry W. Flynn Jr., MD
- 9:30 Panel Discussion
Natalie A. Afshari, MD, FACS; Sayan Basu, MBBS, MS; Carlos Buznego, MD; Harry W. Flynn Jr., MD; Gerrit R.J. Melles, MD, PhD; and Sarah R. Wellik, MD
- 9:45 **Refreshment Break**
- SESSION II: Cornea**
Moderator: William B. Trattler, MD
- 10:00 DMEK Long(er) Term Outcomes
Gerrit R.J. Melles, MD, PhD
- 10:10 Update on Corneal Crosslinking
William B. Trattler, MD
- 10:20 Managing Loss of Capsular Support – Current Options and Controversies
Kendall E. Donaldson, MD, MS
- 10:30 Corneal Allogenic Intrastromal Ring Segments - A Natural Replacement for Synthetic ICRS
Soosan Jacob, MS, FRCS, DNB
- 10:40 Panel Discussion
Kendall E. Donaldson, MD, MS; Soosan Jacob, MS, FRCS, DNB; Gerrit R.J. Melles, MD, PhD; and William B. Trattler, MD
- 11:00 Simplified Algorithm for Managing Dry Eye Disease
Sayan Basu, MBBS, MS

- 11:10 Keratoprosthesis: The Bionic Eye
Natalie A. Afshari, MD, FACS
- 11:20 Algorithm May Prevent 90% of Allograft Rejections in DMEK
Gerrit R.J. Melles, MD, PhD
- 11:30 Pediatric and Adolescent Corneal Surgery
Mohamed F. Abou-Shousha, MD, PhD
- 11:40 Panel Discussion
Mohamed F. Abou-Shousha, MD, PhD; Natalie A. Afshari, MD, FACS; Sayan Basu, MBBS, MS; and Gerrit R.J. Melles, MD, PhD
- 12:00 pm **Lunch**
- SESSION III: Refractive Surgery**
Moderator: Sonia H. Yoo, MD
- 1:00 Therapeutic Refractive Surgery: Tools of the Trade
Rahul Tonk, MD
- 1:10 Topoguided LASIK: What's the Difference
William W. Culbertson, MD
- 1:20 How Imaging Saved Me in Refractive Surgery!
Sonia H. Yoo, MD
- 1:30 Top 10 Innovations and Future Directions for Cataract Surgery
Kendall E. Donaldson, MD, MS
- 1:40 Panel Discussion
William W. Culbertson, MD; Kendall E. Donaldson, MD, MS; Rahul Tonk, MD; and Sonia H. Yoo, MD
- SESSION IV: Ocular Surface Disease**
Moderator: Mohamed F. Abou-Shousha, MD, PhD
- 2:00 Management of Pigmented Conjunctival Lesions – When to Worry!
Carol L. Karp, MD
- 2:10 Cost-Effectivity of DMEK and DSAEK
Allister G. Gibbons, MD
- 2:20 Cataract Surgery in Uveitis Patients
Victoria Chang, MD
- 2:30 Fungal Keratitis: From Diagnosis to Medical Treatment
Eduardo C. Alfonso, MD
- 2:40 Acanthamoeba Keratitis: Can We Win the Battle?
Guillermo Amescua, MD
- 2:50 Panel Discussion
Eduardo C. Alfonso, MD; Guillermo Amescua, MD; Victoria Chang, MD; Allister G. Gibbons, MD; and Carol L. Karp, MD
- 3:10 **Refreshment Break**
- 3:30-5:30 **Wet Labs***
- Lamellar Keratoplasty Techniques – DALK
 - Endothelial Keratoplasty Techniques – DMEK
 - Secondary IOL Suturing Techniques
- *This session is not for Continuing Medical Education*
- 5:30 pm **Adjourn/Cocktail Reception**

SATURDAY, FEBRUARY 23, 2019

- 7:00 am **Registration and Continental Breakfast**
- 7:50 Welcome and Overview
Guillermo Amescua, MD
SESSION I: Cornea/Ocular Surface/Anterior Segment Surgery
Moderator: Guillermo Amescua, MD
- 8:00 Jacob Modification for Pre-Descemet DALK for Primary Management of Acute Hydrops
Soosan Jacob, MS, FRCS, DNB
- 8:10 Pigmented Conjunctival Lesions: When to Worry
Carol L. Karp, MD
- 8:20 Pterygium Management and Masquerades
Sayan Basu, MBBS, MS
- 8:30 Why do DMEK Grafts Roll that Way?
Natalie A. Afshari, MD, FACS
- 8:40 Panel Discussion
Natalie A. Afshari, MD, FACS; Sayan Basu, MBBS, MS; Soosan Jacob, MS, FRCS, DNB; and Carol L. Karp, MD
- 8:50 The IOL in the Sulcus: When, Why, and How?
Allister G. Gibbons, MD
- 9:00 The Changing Tides of Corneal Refractive Surgery – Where are We Heading?
Terrence P. O'Brien, MD
- 9:10 My Patient Has a Symblepharon, Now What?
Guillermo Amescua, MD
- 9:20 Energy-free Endocapsular Lens Fragmentation
Victoria Chang, MD
- 9:30 Panel Discussion
Guillermo Amescua, MD; Victoria Chang, MD; Allister G. Gibbons, MD; and Terrence P. O'Brien, MD
- 9:45 **Refreshment Break**
SESSION II: Cornea/Cataract/Refractive Surgery
Moderator: Kendall E. Donaldson, MD, MS
- 10:00 History of the Bascom Palmer Cornea Service
William W. Culbertson, MD
- 10:10 Anterior Segment Surgery: Management of the Anticoagulated Patient
Sonia H. Yoo, MD
- 10:20 Post-Operative Refractive Enhancement – Who, When, How? 5 Pearls for Practice
Kendall E. Donaldson, MD, MS
- 10:30 Descemet's Detachment – My Classification and Treatment Algorithm
Soosan Jacob, MS, FRCS, DNB
- 10:40 Panel Discussion
William W. Culbertson, MD; Kendall E. Donaldson, MD, MS; Soosan Jacob, MS, FRCS, DNB; and Sonia H. Yoo, MD
- 11:00 Corneal Stromal Opacities: Future Treatments
Sayan Basu, MBBS, MS
- 11:10 Approaching Fuchs' Dystrophy in the Phakic Patient
Ellen Koo, MD

- 11:20 Management of Vitreous for the Anterior Segment Surgeon
Natalie A. Afshari, MD, FACS
- 11:30 Endothelial Disease: The Future is Here
Alfonso L. Sabater, MD
- 11:40 Panel Discussion
Natalie A. Afshari, MD, FACS; Sayan Basu, MBBS, MS; Ellen Koo, MD; and Alfonso L. Sabater, MD
- 12:00 pm **Lunch**
- SESSION III: Ocular Surface Disease**
Moderator: Mohammed F. Abou-Shousha, MD, PHD
- 1:00 Corneal Micro Layer Tomography
Mohamed F. Abou-Shousha, MD, PhD
- 1:10 International Consensus on Meibomian Gland Disease
Terrence P. O'Brien, MD
- 1:20 PRGF for Ocular Surface Diseases
Alfonso L. Sabater, MD, PhD
- 1:30 Herpes Zoster: Pearls to Avoid Corneal and Anterior Segment Complications
Anat Galor, MD, MPH
- 1:40 Panel Discussion
Mohamed F. Abou-Shousha, MD, PhD; Anat Galor, MD, PhD; Terrence P. O'Brien, MD; and Alfonso L. Sabater, MD
- 1:50 PDT for Corneal Infections: What's New?
Guillermo Amescua, MD
- 2:00 Ocular Pain Syndrome
Anat Galor, MD, MPH
- 2:10 Ocular Graft vs. Host Disease: Pearls and Pitfalls
Rahul Tonk, MD
- 2:20 DSO – How Do We Standardize?
Ellen Koo, MD
- 2:30 Panel/Case Discussion
Guillermo Amescua, MD; Anat Galor, MD, MPH; Ellen Koo, MD; and Rahul Tonk, MD
- 3:00 **Refreshment Break**
- SESSION IV: Cornea/Cataract/Refractive Surgery – Updates and Final Pearls**
Moderator: Allister G. Gibbons, MD
- 3:30 Artificial Intelligence in Ophthalmology
Ranya G. Habash, MD
- 3:40 Contact Lens Assisted Corneal Cross-Linking for Thin Corneas
Soosan Jacob, MS, FRCS, DNB
- 3:50 How SLET Changed my Surgical Practice
Sayan Basu, MBBS, MS
- 4:00 Corneal Collagen Crosslinking
Natalie A. Afshari, MD, FACS
- 4:20 Panel/Case Discussions
Natalie A. Afshari, MD, FACS; Sayan Basu, MBBS, MS; Ranya G. Habash, MD; and Soosan Jacob, MS, FRCS, DNB
- 4:30 pm **Adjourn**

COURSE CO-DIRECTORS



Guillermo Amescua, MD
Assistant Professor of
Clinical Ophthalmology
Bascom Palmer Eye Institute
University of Miami Miller
School of Medicine
Miami, FL



Kendall E. Donaldson, MD, MS
Associate Professor of Clinical
Ophthalmology
Medical Director
Bascom Palmer Eye Institute
at Plantation
University of Miami Miller
School of Medicine
Plantation, FL

GUEST FACULTY



Natalie A. Afshari, MD, FACS
Stuart I. Brown MD Chair in Ophthalmology in
Memory of Donald P. Shiley
Professor of Ophthalmology
Chief of Cornea & Refractive Surgery
Vice Chair of Education
Shiley Eye Institute
University of California, San Diego
San Diego, California



Sayan Basu, MBBS, MS
Consultant and Scientist
Cornea and Anterior Segment Services
L V Prasad Eye Institute
Hyderabad, India



Carlos Buznego, MD
Clinical Associate Professor
Florida International University College of Medicine
Center for Excellence in Eye Care
Miami, FL



Dr. Soosan Jacob, MS, FRCS, DNB
Director and Chief
Dr. Agarwal's Refractive and Cornea Foundation
Senior Consultant
Cataract and Glaucoma Services
Dr. Agarwal's Group of Eye Hospitals
Chennai, India



Gerrit R. J. Melles, MD, PhD
Netherland Institute for Innovative Ocular Surgery
Rotterdam, The Netherlands

Faculty

BASCOM PALMER EYE INSTITUTE UNIVERSITY OF MIAMI MILLER SCHOOL OF MEDICINE

Mohamed F. Abou-Shousha, MD, PhD

Assistant Professor of
Clinical Ophthalmology

Eduardo C. Alfonso, MD

Professor and Chairman of
Ophthalmology
Kathleen and Stanley J. Glaser Chair
in Ophthalmology

Victoria Chang, MD

Assistant Professor of
Clinical Ophthalmology

William W. Culbertson, MD

Professor of Ophthalmology
Lou Higgins Chair in Ophthalmology

Harry W. Flynn, Jr., MD

Professor of Ophthalmology
The J. Donald M. Gass
Distinguished Chair in Ophthalmology

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Clinical Ophthalmology

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Carol L. Karp, MD

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Ophthalmology

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Assistant Professor of
Clinical Ophthalmology

Terrence P. O'Brien, MD

Professor of Ophthalmology
Charlotte Breyer Rodgers Chair
in Ophthalmology

Raul Tonk, MD

Assistant Professor of
Ophthalmology

William B. Trattler, MD

Voluntary Assistant Professor of
Ophthalmology

Alfonso L. Sabater, MD, PhD

Assistant Professor of Clinical
Ophthalmology

Sarah R. Wellik, MD

Associate Professor of
Clinical Ophthalmology

Sonia H. Yoo, MD

Professor of Ophthalmology



Course Description

This two-day course is designed for physicians whose clinical practices include general ophthalmology, refractive surgery, pathologies of cornea, and lens. Using an interactive, case-based approach, the distinguished speakers will present a variety of vignettes and practice pearls to illustrate clinical dilemmas in the diagnosis and management of anterior segment diseases. The 2-day program will focus on refractive surgery including cataract and other lens-based refractive procedures, corneal refractive surgery and alternative refractive technologies, as well as disorders of the cornea and external disease.

The topics will include: cataract and refractive surgery pearls, presbyopia correction, collagen crosslinking, high-risk anterior segment surgery, management of severe ocular surface disease, and the medical and surgical techniques for management of various infectious and inflammatory conditions of the anterior segment. A case-based format will be used throughout the program to encourage a more interactive forum.

A wet lab will also be available for participants to gain hands-on exposure to lamellar corneal surgery (DMEK/DALK) and secondary intraocular lens fixation techniques.

COURSE OBJECTIVES

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

- Evaluate medical evidence methodically by reviewing recent notable anterior segment publications
- Evaluate and better manage corneal astigmatism during cataract surgery to provide the best possible visual outcomes
- Identify different techniques for managing complicated anterior segment surgery
- Interpret results of corneal topography for refractive surgery screenings
- Appraise when and how to perform various techniques for lamellar keratoplasty
- Identify different IOLs for the treatment of cataract and refractive error, and analyze their indications and complications
- Incorporate new femtosecond laser technology for the treatment of cataract and refractive error, and analyze their indications and complications
- Evaluate each of the four femtosecond laser platforms in order to better decide which is best for their practice
- Diagnose and treat common ocular surface diseases using a comprehensive approach
- Diagnose and treat common and more challenging cases of microbial keratitis
- Correctly diagnose corneal pathology in patients going for cataract surgery
- Identify the best surgical approach for patients with primary and recurrent pterygium
- Prevent and recognize intraoperative complications and manage the complications during lamellar corneal surgery
- Identify the different uses of femtosecond laser for non-refractive corneal surgery
- Evaluate and treat patients with keratoconus and better determine who is an appropriate candidate for crosslinking and determine appropriate timing of treatment

Interactive Consultations in Cornea and Refractive Surgery

DATES

Friday, February 22, 2019: 7:50 am to 5:30 pm

Saturday, February 23, 2019: 7:50 am to 4:30 pm

LOCATION

Bascom Palmer Eye Institute

Jose Berrocal Auditorium

900 NW 17th Street, Miami, FL 33136

(305) 326-6000

CONFERENCE FEES

Registration rate is \$300 for both days.

Conference fees include course materials, wet lab, opening reception, continental breakfast, lunch and refreshment breaks on both days.

CANCELLATION POLICY

Conference tuition, less a \$50 cancellation fee, is refundable if notice is received by February 7, 2019.

No refunds shall be considered after February 7, 2019 or after sixty (60) days following payment.

ACCREDITATION

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

CREDIT DESIGNATION

The University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of **12.75 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(s) 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.

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 on or before February 7, 2019.

REGISTRATION

Space is limited. Please register early.

TO REGISTER ON-LINE:

Visit <http://bascompalmer.org/cme/cornea/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
900 NW 17th Street, Suite 6
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.

For more information contact:

Bascom Palmer Eye Institute
Department of Continuing Medical Education at
(305) 326-6110
Email: bascompalmercme@miami.edu

FOR MORE INFORMATION

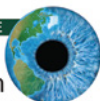
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Department of Continuing Medical Education at
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BASCOM PALMER EYE INSTITUTE

Global Center for
Ophthalmic Education



Continuing Medical Education
900 NW 17th Street, Suite 6, Miami, FL 33136

Registration Form

Interactive Consultations in Cornea and Refractive Surgery

February 22 - 23, 2019

Registration is limited, so please register early.

Last Name / First Name (as you want it to appear on name badge) / Degree

Last Four Digits of Social Security Number (for record keeping purposes only)

Specialty / Sub-specialty

Affiliated Institution

Address (Check box if new address)

City/State

Country / Zip or Postal Code

Office phone Office fax

Email

REGISTRATION: \$300

Enclosed is my check made payable to Bascom Palmer Eye Institute—Cornea 2019

Please bill my credit card:

Mastercard Visa American Express

Card number

Card number

Security code Expiration date Billing zip code

Name on card

Signature

Online: http://bascompalmer.org/cme/cornea/registration

By fax: Please complete this registration form with your credit card payment and fax to (305) 326-6518. By mail: Please complete this registration form and return with your check or credit card payment to:

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