

BASCOM PALMER EYE INSTITUTE

# Interactive Consultations in Cornea, Cataract and Refractive Surgery 2020



February 21-22, 2020

*Sponsored by the University of Miami Miller School of Medicine*



UNIVERSITY OF MIAMI  
MILLER SCHOOL  
of MEDICINE



# Interactive Consultations in Cornea, Cataract and Refractive Surgery

February 21-22, 2020

Bascom Palmer Eye Institute invites you to Miami this Winter to join us for our *Interactive Consultations in Cornea, Cataract and Refractive Surgery 2020* CME program. This unique and exciting symposium will be held February 21-22, 2020 at the Bascom Palmer Eye Institute in Miami. Come see what's new in cornea, cataract and refractive surgery!



# Program

Subject to change

## FRIDAY, FEBRUARY 21, 2020

- 7:00 am **Registration and Continental Breakfast**
- 7:50 Welcome, Overview, and Pre-Program Test  
**Kendall E. Donaldson, MD, MS**  
**SESSION I: Cataract 1**  
*Moderator: Kendall E. Donaldson, MD, MS*
- 8:00 Past, Present, Future of IOL Calcs Including Artificial Intelligence and Self-Learning, Big Data Networks  
**Uday Devgan, MD, FACS, FRCS**
- 8:10 Preoperative Topography Prior to Cataract Surgery  
**William B. Trattler, MD**
- 8:20 The Righteous Referral  
**Andrea M. Jannoff, OD, FAAO**
- 8:30 Managing Cataract Surgery in the Glaucoma Patient  
**Sarah R. Wellik, MD**
- 8:40 Panel Discussion  
**Uday Devgan, MD, FACS, FRCS, MD; Andrea M. Jannoff, OD, FAAO; William B. Trattler, MD; and Sarah R. Wellik, MD**
- 8:50 Cataract Surgery in Fuchs Dystrophy  
**Ellen Koo, MD**
- 9:00 Pupil Dilation During Cataract Surgery – A Cost Benefit Analysis of Alternatives  
**Kendall E. Donaldson, MD, MS**
- 9:10 MIGS. WTF? (What's the Follow up?)  
**Carlos Buznego, MD**
- 9:20 Prophylaxis for Cataract Surgery  
**Harry W. Flynn Jr., MD**
- 9:30 Panel Discussion  
**Carlos Buznego, MD; Kendall E. Donaldson, MD, MS; Harry W. Flynn Jr., MD; Ellen Koo, MD; and Sarah R. Wellik, MD**
- 9:45 **Refreshment Break**  
**SESSION II: Cornea**  
*Moderator: William B. Trattler, MD*
- 10:00 New Horizons in OCT for Ocular Surface Tumors  
**Carol L. Karp, MD**
- 10:10 Superficial Keratectomy for ABMD and Salzmann's Nodular Degeneration  
**William W. Culbertson, MD**
- 10:20 Dry Eye Therapeutics: The Emperor Has No Clothes  
**Joseph Tauber, MD**
- 10:30 Management Strategies for Cornea Scarring  
**Florence Cabot, MD**
- 10:40 Panel Discussion  
**Florence Cabot, MD; William W. Culbertson, MD; Carol L. Karp, MD; Joseph Tauber, MD; William B. Trattler, MD**  
**SESSION III: Cataract II**  
*Moderator: Sonia H. Yoo, MD*
- 11:00 What is New on Biometry for IOL Calculations?  
**Rahul S. Tonk, MD**
- 11:10 Dealing with Irregular Topography in Cataract Surgery  
**William W. Culbertson, MD**

- 11:20 Management of the White Cataract  
**Sonia H. Yoo, MD**
- 11:30 Challenging Cataract Cases – What Do I Do Now?  
**Uday Devgan, MD, FACS, FRCS**
- 11:40 Panel Discussion  
**William W. Culbertson, MD; Uday Devgan, MD; Rahul S. Tonk, MD; and Sonia H. Yoo, MD**
- 12:00 pm **Lunch**
- SESSION IV: Keratoconus**  
*Moderator: Mohamed F. Abou Shousha, MD, PhD*
- 1:00 Keratoconus: New Screening Technologies Leads to Higher Incidence Than Once Thought  
**William B. Trattler, MD**
- 1:10 Current Status and Future Potential of Cross-Linking for Keratoconus  
**Rajesh K. Rajpal, MD**
- 1:20 Cross-Linking Beyond the Dresden Protocol  
**Farhad Hafezi, MD, PhD**
- 1:30 Scleral Lenses and the Post Surgical Eye  
**Edward Boshnick, OD, FAAO, FSLs**
- 1:40 Artificial Intelligence in the Diagnosis of Keratoconus  
**Mohamed F. Abou Shousha, MD, PhD**
- 1:50 Therapeutic Excimer Laser Surface Ablation in Keratoconus  
**Farhad Hafezi, MD, PhD**
- 2:00 Panel Discussion  
**Mohamed F. Abou Shousha, MD, PhD; Edward Boshnick, OD, FAAO, FSLs; Farhad Hafezi, MD, PhD; Rajesh K. Rajpal, MD; and William B. Trattler, MD**
- SESSION V: Ocular Surface Disease**  
*Moderator: Guillermo Amescua, MD*
- 2:10 Conjunctival Melanoma: The Bad and the Worse  
**Carol L. Karp, MD**
- 2:20 Update on Management of Allergic Eye Diseases  
**Anat Galor, MD, MPH**
- 2:30 PACK-CXL: Using Riboflavin for Infectious Keratitis  
**Farhad Hafezi, MD, PhD**
- 2:40 Management of Viral Keratitis in the Pediatric/Adolescent Patient  
**Mohamed F. Abou Shousha, MD, PhD**
- 2:50 The Patient with Progressive Presumed Infectious Keratitis: Role of PDT  
**Guillermo Amescua, MD**
- 3:00 Fungal Keratitis: From Diagnosis to Medical Treatment  
**Eduardo C. Alfonso, MD**
- 3:10 Panel Discussion  
**Mohamed F. Abou Shousha, MD, PhD; Eduardo C. Alfonso, MD; Guillermo Amescua, MD; Anat Galor, MD, MPH; Farhad Hafezi, MD, PhD; and Carol L. Karp, MD**
- 3:20 **Refreshment Break**
- 3:30 – 5:30 Wet Labs \*
- Lamellar Keratoplasty Techniques – DALK
  - Endothelial Keratoplasty Techniques – DMEK
  - Secondary IOL Suturing Techniques
  - Contact Lens Fitting (Edward Boshnick, OD, FAAO, FSLs)
  - CXL
- \*This session is not accredited for CME.*
- 5:30 pm **Adjourn/Cocktail Reception**

## SATURDAY, FEBRUARY 22, 2020

- 7:00 am **Registration and Continental Breakfast**
- 7:50 Welcome and Overview  
**Guillermo Amescua, MD**  
**SESSION I: Refractive and Corneal Surgery**  
*Moderator: Mohamed F. Abou Shousha, MD, PhD*
- 8:00 Clinician Scientist vs. the Scientific Clinician  
**Joseph Tauber, MD**
- 8:10 Corneal Micro Layer Tomography for the Cataract and Refractive Surgeon  
**Mohamed F. Abou Shousha, MD, PhD**
- 8:20 Refractive Applications and Opportunities of Cross-Linking  
**Rajesh K. Rajpal, MD**
- 8:30 Update on SMILE  
**William W. Culbertson, MD**
- 8:40 Panel Discussion  
**Mohamed F. Abou Shousha, MD, PhD; William W. Culbertson, MD; Rajesh K. Rajpal, MD; and Joseph Tauber, MD**
- 8:50 The Changing Tides of Corneal Refractive Surgery – Where are We Heading?  
**Terrence P. O'Brien, MD**
- 9:00 Dealing with Refractive Surgery Complications  
**Kendall E. Donaldson, MD, MS**
- 9:10 Update on Pediatric and Adolescent Corneal Surgery  
**Mohamed F. Abou Shousha, MD, PhD**
- 9:20 Dry Eye: Therapeutic Ethical Dilemmas  
**Joseph Tauber, MD**
- 9:30 Panel Discussion  
**Mohamed F. Abou Shousha, MD, PhD; Kendall E. Donaldson, MD, MS; Terrence P. O'Brien, MD; and Joseph Tauber, MD**
- 9:45 **Refreshment Break**  
**SESSION II: Cornea and Cataract Surgery**  
*Moderator: Kendall E. Donaldson, MD, MS*
- 10:00 The Future of IOL Calculations Including Artificial Intelligence and Self-Learning-Big Data Networks  
**Uday Devgan, MD, FACS, FRCS**
- 10:10 Pearl for Yamane Technique  
**Sonia H. Yoo, MD**
- 10:20 Formulas and Optimization for Cataract Surgery – Does it Make a Difference?  
**Kendall E. Donaldson, MD, MS**
- 10:30 Complex Cataract Cases  
**Uday Devgan, MD, FACS, FRCS**
- 10:40 Panel Discussion  
**Uday Devgan, MD, FACS, FRCS, MD; Kendall E. Donaldson, MD, MS; and Sonia H. Yoo, MD**
- 11:00 CXL at the Slit Lamp: Access for All  
**Farhad Hafezi, MD, PhD**
- 11:10 Triple Phaco-DMEK: Pearls and Pitfalls  
**Ellen Koo, MD**

- 11:20 Endothelial Disease: Innovations for a New Era of Endothelial Transplantation  
**Alfonso L. Sabater, MD**
- 11:30 DSEK in Special Circumstances: Aphakia, Iris Defects, ACIOL and More  
**Ellen Koo, MD**
- 11:40 Panel Discussion  
**Uday Devgan, MD, FACS, FRCS; Farhad Hafezi, MD, PhD; Ellen Koo, MD; and Alfonso L. Sabater, MD**
- 12:00 pm **Lunch**
- SESSION III: Ocular Surface Disease**  
*Moderator: Guillermo Amescua, MD*
- 1:00 Scleral Lens Success in OSD  
**Chandra Mickles, OD, MSc, FAAO, FSLs**
- 1:10 International Consensus on Meibomian Gland Disease  
**Terrence P. O'Brien, MD**
- 1:20 Strategies to Improve Corneal Graft Survival  
**Alfonso L. Sabater, MD, PhD**
- 1:30 Dry Eye Diagnostic and Therapeutics: What We Don't Have  
**Joseph Tauber, MD**
- 1:40 Panel Discussion  
**Mohamed F. Abou Shousha, MD, PhD; Chandra Mickles, OD, MSc, FAAO, FSLs; Terrence P. O'Brien, MD; Alfonso L. Sabater, MD; and Joseph Tauber, MD**
- 1:50 OMG the Sclera is Melting!  
**Guillermo Amescua, MD**
- 2:00 Microbiome and Dry Eye  
**Anat Galor, MD, MPH**
- 2:10 Ocular Graft vs. Host Disease: Pearls and Pitfalls  
**Rahul S. Tonk, MD**
- 2:20 Do No Harm: Scleral Lens Concerns and Potential Contraindications  
**Chandra Mickles, OD, MSc, FAAO, FSLs**
- 2:30 Panel/Case Discussion  
**Guillermo Amescua, MD; Anat Galor, MD, MPH; Chandra Mickles, OD, MSc, FAAO, FSLs; and Rahul S. Tonk, MD**
- 3:00 **Refreshment Break**
- SESSION IV: Cornea/Cataract/Refractive Surgery – Updates and Final Pearls**  
*Moderator: Guillermo Amescua, MD*
- 3:30 Artificial Intelligence in Ophthalmology  
**Ranya G. Habash, MD**
- 3:40 Dealing with Microbial Keratitis in a Private Setting  
**Joseph Tauber, MD**
- 3:50 Corneal Disease, Ocular Trauma and Scleral Lenses  
**Edward Boshnick, OD, FAAO, FSLs**
- 4:00 Maximizing Cross-Linking and the Role of Oxygen  
**Rajesh K. Rajpal, MD**
- 4:10 Panel Discussion and Post-Program Tests  
**Edward Boshnick, OD, FAAO, FSLs; Ranya Habash, MD; Farhad Hafezi, MD, PhD; Rajesh K. Rajpal, MD; and Joseph Tauber, MD**
- 4:30 pm **Adjourn**

## COURSE CO-DIRECTORS



### **Mohamed F. Abou Shousha, MD, PhD**

Associate Professor of Clinical Ophthalmology  
Director, Artificial Intelligence and Computer Augmented Vision Lab  
Bascom Palmer Eye Institute  
University of Miami Miller School of Medicine



### **Guillermo Amescua, MD**

Associate Professor of Clinical Ophthalmology  
Medical Director, Ocular Surface Program  
Bascom Palmer Eye Institute  
University of Miami Miller School of Medicine



### **Kendall E. Donaldson, MD, MS**

Professor of Clinical Ophthalmology  
Medical Director  
Bascom Palmer Eye Institute at Plantation  
University of Miami Miller School of Medicine

## GUEST FACULTY



### **Edward Boshnick, OD, FAAO, FSLs**

Global Vision Rehabilitation Center  
Miami, FL



### **Carlos Buznego, MD**

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



### **Uday Devgan, MD, FACS, FRCS**

Clinical Professor of Ophthalmology  
Jules Stein Eye Institute, UCLA School of Medicine  
Chief of Ophthalmology, Olive View UCLA Medical Center  
Devgan Eye Surgery  
Los Angeles, CA



### **Farhad Hafezi, MD, PhD**

Professor of Ophthalmology, University of Geneva  
Clinical Professor of Ophthalmology  
Keck School of Medicine at USC  
Medical Director, ELZA Institute, Dietikon, Switzerland



### **Andrea M. Janoff, OD, FAAO**

Associate Professor  
Chief of Service, Cornea & Contact Lens  
Nova Southeastern University  
Fort Lauderdale, FL



### **Chandra Mickles, OD, MSc, FAAO, FSLs**

Associate Professor of Optometry  
Nova Southeastern University  
Fort Lauderdale, Florida



### **Rajesh K. Rajpal, MD**

SeeClearly Vision  
Arlington, VA



### **Joseph Tauber, MD**

Tauber Eye Center  
Kansas City, MO



### **William B. Trattler, MD**

Center for Excellence in Eye Care  
Miami, FL



## Faculty

### BASCOM PALMER EYE INSTITUTE UNIVERSITY OF MIAMI MILLER SCHOOL OF MEDICINE

#### **Eduardo C. Alfonso, MD**

Director, Bascom Palmer  
Eye Institute  
Chair, Department of Ophthalmology  
Kathleen and Stanley J.  
Glaser Endowed Professor in  
Ophthalmology  
Co-Medical Director  
University of Miami Hospital and  
Clinics UHealth  
Chief of Ophthalmology Service  
Jackson Health System

#### **Florence Cabot, 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  
J. Donald M. Gass Distinguished  
Chair in Ophthalmology

#### **Anat Galor, MD, MSPH**

Associate Professor of  
Ophthalmology

#### **Ranya G. Habash, MD**

Assistant Professor of  
Clinical Ophthalmology

#### **Carol L. Karp, MD**

Professor of Ophthalmology  
Richard K. Forster Chair in  
Ophthalmology

#### **Ellen Koo, MD**

Assistant Professor of  
Clinical Ophthalmology

#### **Terrence P. O'Brien, MD**

Professor of Ophthalmology  
Charlotte Breyer Rodgers Chair  
in Ophthalmology

#### **Alfonso L. Sabater, MD, PhD**

Assistant Professor of Clinical  
Ophthalmology

#### **Raul S. Tonk, MD**

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 ophthalmologists, optometrists and contact lens specialists whose clinical practices include general ophthalmology, cataract, refractive surgery, and cornea. 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 cataract, refractive surgery, disorders of the cornea and external disease, primary care optometry and contact lens fitting.

### 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 cataract and anterior segment surgery
- Interpret results of corneal topography for diagnosis of keratoconus and for refractive surgery screenings
- 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
- 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 femtosecond laser technology for the treatment of cataract and refractive error, and analyze their indications and complications
- Evaluate, diagnose and treat patients with keratoconus and better determine who is an appropriate candidate for crosslinking and determine appropriate timing of treatment
- Evaluate new advances in contact lenses for the visual rehabilitation of patients with keratoconus
- 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 compare various forms of corneal refractive surgery including topography guided and wavefront guided LASIK, corneal inlays, and SMILE

# Interactive Consultations in Cornea, Cataract and Refractive Surgery

### DATES

**Friday, February 21, 2020: 7:50 am to 5:30 pm**

**Saturday, February 22, 2020: 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 6, 2020.

No refunds shall be considered after February 6, 2020 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 **12.5 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 6, 2020.

## 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](mailto:bascompalmercme@miami.edu)

### FOR MORE INFORMATION

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

[www.bascompalmer.org](http://www.bascompalmer.org)



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## Registration Form

# Interactive Consultations in Cornea, Cataract and Refractive Surgery

**February 21 - 22, 2020**

Registration is limited, so please register early.

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

\_\_\_\_\_  
Birth month / day (MM/DD) (for record keeping purposes only) Degree(s)

\_\_\_\_\_  
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 2020

Please bill my credit card:

Mastercard  Visa  American Express

\_\_\_\_\_  
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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Continuing Medical Education Department  
900 NW 17th Street, Suite 6  
Miami, FL 33136  
(Attn: Danicza Zupcic)