Keratoconus: Basics and New Advances, An Interactive Course and Wet Lab

March 23, 2019

Bascom Palmer Eye Institute invites you to Miami this spring to join us for our Bascom Palmer Keratoconus: Basics and New Advances CME program. This unique and exciting symposium and wet lab will be held March 23, 2019 at the Bascom Palmer Eye Institute in Miami. Come see us this spring in Miami!
DATE
Saturday, March 23, 2019: 7:50 am to 5:30 pm

LOCATION
Bascom Palmer Eye Institute
900 NW17th Street
Miami, Florida  33136

COURSE DESCRIPTION
This one-day course is designed for ophthalmologists, optometrists and contact lens specialists whose clinical practices include comprehensive ophthalmology, corneal diseases, refractive surgery, primary care optometry and contact lens fitting.

A distinguished panel of guest speakers and Bascom Palmer faculty will use an interdisciplinary, interactive approach as they present a variety of clinical vignettes to illustrate the new paradigm in the diagnosis, treatment and visual rehabilitation of patients with keratoconus.

Topics will include:
• The new paradigm in the surgical treatment of patients with keratoconus including corneal collagen crosslinking, intracorneal rings and keratoplasty, with illustrative video-based presentations
• New advances in diagnostic techniques to identify patients with keratoconus and those at risk of developing post refractive surgery corneal ectasia
• New advances in contact lenses for the visual rehabilitation of patients with keratoconus

COURSE OBJECTIVES
Upon completion of this program, participants should be able to:
• Interpret results of corneal topography or tomography for screenings of patients with keratoconus
• Incorporate novel diagnostic techniques in the diagnosis of patients with keratoconus
• Incorporate evidence-based decision-making when planning surgery for patients with keratoconus
• Incorporate the new contact lenses technologies for visual rehabilitation of patients with keratoconus
• Identify contact lens intolerance and identify best management regimen to improve patient tolerance or deciding to move to another treatment modality
• Identify and better manage the systemic and ocular diseases associated with keratoconus
• Appraise when and how to perform various surgical techniques to treat keratoconus
• Prevent and recognize intraoperative complications and manage the complications from corneal surgery for patients with keratoconus
• Identify patients with progressive keratoconus and better determine who is an appropriate candidate for crosslinking and determine appropriate timing of treatment using an evidence-based approach
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>7:50</td>
<td>Welcome and Overview</td>
<td>Mohamed F. Abou-Shousha, MD, PhD</td>
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<tr>
<td><strong>SESSION I: Diagnosing Keratoconus</strong>&lt;br&gt;Moderators: Anat Galor, MD, MSPH and Allister G. Gibbons, MD</td>
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<tr>
<td>8:00</td>
<td>Etiology: Genetics, Inflammation, Allergy and Eye Rubbing</td>
<td>Anat Galor, MD, MSPH</td>
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<td>8:10</td>
<td>Modern Day Corneal Topography, Tomography, and Eliminating the Risk of Ectasia: Part 1</td>
<td>Stephen D. Klyce, PhD, FARVO</td>
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<tr>
<td>8:20</td>
<td>Modern Day Corneal Topography, Tomography, and Eliminating the Risk of Ectasia: Part 2</td>
<td>Stephen D. Klyce, PhD, FARVO</td>
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<td>8:30</td>
<td>Corneal Microlayer Tomography for the Diagnosis of Keratoconus</td>
<td>Mohamed F. Abou-Shousha, MD, PhD</td>
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<td>8:40</td>
<td>Aberrometry and Hysteresis in Keratoconus</td>
<td>Luis Fernandez-Vega, MD</td>
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<td>8:50</td>
<td>Risk Factors for Post-LASIK Ectasia</td>
<td>Steven C. Schallhorn, MD</td>
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<td>9:00</td>
<td>Case Presentations and Panel Discussion&lt;br&gt;Panelists: Mohamed F. Abou-Shousha, MD, PhD; Luis Fernandez-Vega, MD; Anat Galor, MD, MSPH; Allister G. Gibbons, MD; Stephen D. Klyce, PhD, FARVO; Steven C. Schallhorn, MD; and Sonia H. Yoo, MD</td>
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<td>9:30</td>
<td>Refreshment Break</td>
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<td><strong>SESSION II: Treatment Part 1</strong>&lt;br&gt;Moderators: Kendall E. Donaldson, MD, MS; and Mohamed F. Abou-Shousha, MD, PhD</td>
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<td>10:00</td>
<td>Contact Lenses Choices for Keratoconus Patients</td>
<td>Edward Boshnick, OD, FAAO, FSLS</td>
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<td>10:15</td>
<td>Ocular Surface Disease and Keratoconus</td>
<td>Marguerite B. McDonald, MD, FACS</td>
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<td>10:30</td>
<td>Cataract and Keratoconus?</td>
<td>Kendall E. Donaldson, MD, MS</td>
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<td>10:45</td>
<td>Glaucoma and Keratoconus?</td>
<td>Richard K. Lee, MD, PhD</td>
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<td>11:00</td>
<td>Phakic Lenses in Keratoconus</td>
<td>Steven C. Schallhorn, MD</td>
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<tr>
<td>11:15</td>
<td>What’s New in Scleral Lenses?</td>
<td>Chandra Mickles, OD, MSc, FAAO, FSLS</td>
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<tr>
<td>11:30</td>
<td>Case Presentations and Panel Discussion&lt;br&gt;Panel: Edward Boshnick, OD, FAAO, FSLS; William W. Culbertson, MD; Kendall E. Donaldson, MD, MS; Richard K. Lee, MD, PhD; Chandra Mickels, OD, MSc, FAAO, FSLS; and Marguerite B. McDonald, MD, FACS</td>
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12:00 pm  
**Lunch**

**SESSION III: Treatment Part 2**  
*Moderators: William W. Culbertson, MD, Sonia H. Yoo, MD and Mohamed F. Abou-Shousha, MD, PhD*

12:45  
Penetrating and Deep Lamellar Keratoplasty  
**Mohammad F. Anwar, MD**

1:00  
Corneal Rings for Vision Rehabilitation  
**Luis Fernandez-Vega, MD**

1:15  
Crosslinking, Indications and Contraindication  
**Rajesh K. Rajpal, MD**

1:30  
Crosslinking Plus: Combined with Intra-Corneal Rings or with Small Incision Lenticule (SMILE)  
**Osama Ibrahim, MD**

1:45  
Current Advances in Crosslinking - Customized and Epi-On Approaches  
**Rajesh K. Rajpal, MD**

2:00  
Case Presentations and Panel Discussion  
*Panel: Mohammad F. Anwar, MD; Luis Fernandez-Vega, MD; Osama Ibrahim, MD; and Rajesh K. Rajpal, MD*

2:30  
Refreshment Break

**SESSION IV: Wet Labs**  
Bascom Palmer Eye Institute 6th Floor  
*This session is not accredited for CME*

2:45 - 4:00  
**Wet Lab 1:** Crosslinking and Corneal Rings  
**Rajesh K. Rajpal, MD** and **Luis Fernandez-Vega, MD**

**Wet Lab 2:** Deep Anterior Lamellar Keratoplasty  
**Mohammad F. Anwar, MD**

**Wet Lab 3:** Diagnosis of Keratoconus Bootcamp  
**Stephen D. Klyce, PhD, FARVO**

**Wet Lab 4:** Contact Lens Fitting  
**Edward Boshnick, OD, FAAO, FLS and Chandra Mickles, OD, MSc, FAAO, FLS**

4:15 - 5:30  
**Wet Lab 1:** Crosslinking and Corneal Rings  
**Rajesh K. Rajpal, MD** and **Luis Fernandez-Vega, MD**

**Wet Lab 2:** Deep Anterior Lamellar Keratoplasty  
**Mohammad F. Anwar, MD**

**Wet Lab 3:** Diagnosis of Keratoconus Bootcamp  
**Stephen D. Klyce, PhD, FARVO**

**Wet Lab 4:** Contact Lens Fitting  
**Edward Boshnick, OD, FAAO, FLS and Chandra Mickles, OD, MSc, FAAO, FLS**

5:30  
Adjourn/Cocktail Reception
Speakers

COURSE DIRECTOR
Mohamed F. Abou-Shousha, MD, PhD
Assistant Professor of Clinical Ophthalmology
Bascom Palmer Eye Institute
University of Miami Miller School of Medicine
Miami FL

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

William W. Culbertson, MD
Professor of Ophthalmology
Bascom Palmer Eye Institute
Miami, FL

Kendall E. Donaldson, MD, MS
Associate Professor of Clinical Ophthalmology
Bascom Palmer Eye Institute
Plantation, FL

Anat Galor, MD, MSPH
Associate Professor of Ophthalmology
Bascom Palmer Eye Institute
Miami, FL

Allister G. Gibbons, MD
Assistant Professor of Clinical Ophthalmology
Bascom Palmer Eye Institute
Naples, FL

Richard K. Lee, MD, PhD
Walter G. Ross Distinguished Chair in Ophthalmic Research
Associate Professor of Ophthalmology, Cell Biology, and Neuroscience Graduate Program
Bascom Palmer Eye Institute
Miami, FL

Sonia H. Yoo, MD
Professor of Ophthalmology
Bascom Palmer Eye Institute
Miami, FL

Suggested hotels by area

BRICKELL AREA
Conrad Miami (305) 503-6500
http://www.conradmiami.com

DOWNTOWN MIAMI
InterContinental Miami Hotel (800) 593-5447 or (305)777-1000
http://www.icmiamihotel.com

J.W. Marriott Marquis (305) 421-8600

Miami Marriott Biscayne Bay (305) 374-3900

MIAMI BEACH
Eden Roc (786) 801-6886
http://www.edenrochotelmiami.com

COCONUT GROVE
Mutiny Hotel (305) 441-2100 or 888-868-8469
http://www.providentresorts.com/mutiny-hotel

Ritz-Carlton Coconut Grove - Miami (800) 241-3333 or (305) 644-4680
Guest Speakers

Mohammad F. Anwar, MD
Anwar Eye Center
Moundsville, WV

Edward Boshnick, OD, FAAO, FSLS
Global Vision Rehabilitation Center
Miami, FL

Luis Fernandez-Vega, MD
Fernandez Vega Ophthalmological Institute
Oviedo, Spain

Osama Ibrahim, MD
Professor of Ophthalmology
Alexandria University
Chief Corneal and Refractive Surgery
Roayah Alex Vision Correction Center
Alexandria, Egypt

Stephen D. Klyce, PhD, FARVO
Adjunct Professor of Ophthalmology
Mount Sinai School of Medicine
New York, NY

Marguerite B. McDonald, MD, FACS
Ophthalmic Consultants of Long Island
Lynbrook, NY

Chandra Mickles, OD, MSc, FAAO, FSLS
Associate Professor of Optometry
Nova Southeastern University
Ft. Lauderdale, FL

Rajesh K. Rajpal, MD
SeeClearly Vision
Arlington, VA

Steven C. Schallhorn, MD
Gordon Schanzlin New Vision Institute
San Diego, CA
BASCOM PALMER EYE INSTITUTE
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DATE
Saturday, March 23, 2019: 7:50 am to 5:30 pm

LOCATION
Bascom Palmer Eye Institute
900 NW 17th Street, Miami, Florida 33136

CONFERENCE FEES $250
Conference fees include course materials, welcome reception, continental breakfast, lunch and refreshment breaks.

CANCELLATION POLICY
Conference tuition, less a $50 cancellation fee, is refundable if notice is received by March 8, 2019. No refunds shall be considered after March 8, 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 to provide continuing medical education for physicians.

*COPE (Council on Optometric Practitioner Education) CE Approval Pending.

CREDIT DESIGNATION
The University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of 5.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

SERVICES FOR THE DISABLED
If special arrangements are required for an individual with a disability to attend this conference, please contact Karen Davila at (305) 326-6110 on or before March 8, 2019.

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.
REGISTRATION

To register on-line:
Please visit:
http://bascompalmer.org/cme/keratoconus/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: Karen Davila)

To register by fax: Please complete the registration form and return with your credit card payment to (305) 326-6518.

FOR MORE INFORMATION
www.bascompalmer.org
Telephone: (305) 326-6110
Email: bascompalmercme@miami.edu

www.bascompalmer.org

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

BASCOM PALMER EYE INSTITUTE
Keratoconus: Basics and New Advances, An Interactive Course and Wet Lab

March 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: $250

☐ Enclosed is my check made payable to Bascom Palmer Eye Institute – Keratoconus 2019
☐ 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/keratoconus/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: Bascom Palmer Eye Institute Continuing Medical Education Department 900 NW 17th Street, Suite 6 Miami, FL 33136 (Attn: Karen Davila)
By e-mail: bascompalmercme@miami.edu