



Cornea Day back for another year at AAO

Cornea Day will be held on Saturday, October 15 before the American Academy of Ophthalmology (AAO) annual meeting again this year, with an exciting day of programming. This year's chair of the program is **Shahzad Mian, MD**, Ann Arbor, Michigan, with co-chairs **Bennie Jeng, MD**, Baltimore, and **Carol Karp, MD**, Miami. Dr. Jeng spoke about what can be expected from this year's program and why people should attend.

The overall theme this year is ocular surface disease, he said, with five of the six major sections of the program focusing on this. It continues to be a hot topic because there is still a need for education on the condition, and it's challenging because there are different etiologies, he said. The different symptoms make it hard to diagnose and manage, and physicians are recognizing just how much of an impact ocular surface

disease can have on the patient and on outcomes after cataract surgery.

Only one of the six Cornea Day sections, "The Evolving Role of Keratoplasty," focuses on surgery, Dr. Jeng said. Of all the sections, he thinks this is the most focused on the cornea specialist. There are few comprehensive ophthalmologists who are doing anything beyond standard penetrating keratoplasty, he said, but it will still be an interesting section for all to attend.

One of the things that is unique this year is a whole section on ocular surface tumors. A group of cornea specialists and non-cornea specialists will discuss this, Dr. Jeng added. Topics such as pigmented lesions, ocular surface squamous neoplasia, eyelid lesions, iris lesions, and pterygium will be covered.

A unique element in this year's program is the incorporation of case presentations into the different sections.

In addition to the sections on keratoplasty and ocular tumors, the other four will focus on corneal infections, the role of imaging and in-office diagnostics, managing ocular surface disease, and inflammatory conditions of the ocular surface.

Because of the nature of a subspecialty day, a lot of comprehensive ophthalmologists attend, Dr. Jeng said. They need to learn and be able to diagnose these conditions in a timely manner. He added that he hopes attendees take away a more extensive understanding of the etiology, the diagnosis, and the management of a lot of common and some less common ocular surface diseases. "That is applicable to any comprehensive ophthalmologist and any cornea specialist," he said. **CN**

Editors' note: Dr. Jeng has no financial interests related to his comments.

FALL EDUCATIONAL SYMPOSIUM 2016

FRIDAY, OCTOBER 14

CHICAGO, IL

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Register Today





Cornea Society

Advancing the treatment of corneal disease



Marian S. Macsai, MD

President's Message

Dear Cornea Society members,

As the summer draws to a close, we have so many things happening with the Cornea Society. In September we will host our third annual Cornea Fellows Summit. We will bring 50 of the cornea fellows from around the U.S. to Tampa, where we will have didactic training and numerous wet labs covering many different areas in cornea and external disease. The eight instructors, **Bennie Jeng, MD, Kathy Colby, MD, Deepinder Dahliwal, MD, Barry Lee, MD, Tony Aldave, MD, Shahzad Mian, MD, Greg Ogawa, MD,** and I, will have the chance to work one-on-one with the fellows. Our plan is to educate the new generation of cornea surgeons and increase our membership at the same time.

I hope to see all of you at the American Academy of Ophthalmology (AAO) annual meeting this year in my hometown of Chicago. It will be a great meeting, and hopefully the Cubs will be in the playoffs. **Tony Aldave, MD,** has put together an exceptional symposium for the meeting, "Case-Based Corneal Conundrums." Topics covered will include management of high post-keratoplasty astigmatism, corneal crosslinking, DSEK or DMEK for corneal edema, non-healing epithelial defects, repeat PK or KPro, treatment of anterior corneal dystrophies, corneal deposits, and more. The Castroviejo Lecture this year will be presented by **Dimitri Azar, MD,** and is sure to be a fabulous lecture.

My favorite day at the AAO meeting is the Fall Educational Symposium jointly sponsored by the Cornea Society and the Eye Bank Association of America. This all-day meeting on Friday, October 14 is a way to learn what is really exciting in cornea and spend the day with friends reconnecting. The surgeon director's luncheon is not to be missed; every year I learn something during that hour.

If you plan to attend Subspecialty Day this year at the AAO, you will not want to miss Cornea Day. **Bennie Jeng, MD, Shahzad Mian, MD, and Carol Karp, MD,** have put together an outstanding program. This year's program will cover corneal infections: challenges in diagnosis and update on management; the evolving role of keratoplasty; tools for diagnosis and treatment of ocular surface tumors; managing ocular surface disease; the role of imaging and in-office diagnostics; and inflammatory conditions of the ocular surface.

We recently sent out a survey to track where our members are working and in what setting; thank you for completing the survey. We are dedicated to our mission: The Cornea Society is an international society to promote the exchange of information in cornea and external disease. How are we doing? We are working hard to meet your needs, so let us know if you have any feedback. You can always email me at mmacsai@northshore.org. See you all in Chicago!

Sincerely,
Marian Macsai, MD
President, Cornea Society



FRIDAY, MAY 5
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HOUSING IS NOW OPEN

Book early to guarantee your preferred hotel.

www.corneaday.org

Symposium at AAO will focus on “Case-Based Corneal Conundrums”

This year at the American Academy of Ophthalmology (AAO) annual meeting, the symposium co-sponsored by the Cornea Society will focus on “Case-Based Corneal Conundrums.” **Anthony Aldave, MD**, Los Angeles, one of the chairs of the session, discussed this year’s symposium and what attendees can look forward to.

The topic was chosen by the previous Cornea Society scientific chair, **Barry Lee, MD**, Atlanta. Dr. Aldave thinks that the reason for choosing this topic was to highlight some of the more common clinical scenarios encountered by cornea specialists and some comprehensive ophthalmologists in which they have to choose between an ever-expanding number of treatment strategies.

“Through the presentation of eight distinct clinical scenarios, attendees will learn the factors that should be considered in each to identify the most appropriate management strategy,” he said.

Five of the presentations will focus on preoperative, intraoperative, and postoperative decision-making in keratoplasty surgery: how to manage high post-keratoplasty astigmatism; intraoperative complications during penetrating and lamellar keratoplasty; when to choose repeat PK versus a keratoprosthesis; PTK versus DALK; and DSEK versus DMEK. While the majority of lectures regarding the evolving field of keratoplasty focus on techniques and outcomes of the various surgical procedures, this session will focus on how to make evidence-based decisions regarding which technique to choose in a variety of clinical scenarios, Dr. Aldave said.

“The presentation of topics in the form of commonly encountered clinical scenarios provides real-world relevance to each of the topics and allows the attendees to more easily acquire and employ the information presented in their own practices,” he said.

The symposium will be jointly presented by the Cornea Society and Sektion Kornea of the German Ophthalmological Society.

During the session, the annual Castroviejo Lecture will also be given. This year’s lecture will be presented by **Dimitri Azar, MD**, Chicago. **CN**

Symposium details

Anterior segment clinicians and surgeons are frequently faced with diagnostic and therapeutic dilemmas in the clinic and operating room. Arriving at an accurate diagnosis in the case of a diagnostic dilemma requires familiarity with a broad range of conditions that may present with similar clinical features and appropriate testing. Similarly, appropriate management of therapeutic dilemmas requires knowledge of and the ability to perform a variety of interventions. In this symposium, the invited faculty will present the audience with a variety of diagnostic and therapeutic dilemmas commonly encountered by anterior segment specialists. They will also share their approaches to making accurate diagnoses as well as choosing and implementing appropriate management strategies. The symposium will conclude with the Castroviejo Lecture.

Chairs: Anthony Aldave, MD, and Marian Sue Macsai-Kaplan, MD

Date and Time: Sunday, October 16, 2016, 10:30 a.m.–12:30 p.m.

Location: McCormick Place

Room: Grand Ballroom S100AB

Schedule:

10:30 a.m.	Introduction	Anthony Aldave, MD
10:32 a.m.	Cut, Stitch, or Replace: Surgical Management of High Post-Keratoplasty Astigmatism	David Rootman, MD
10:42 a.m.	Corneal Crosslinking: When Is It Indicated?	Thomas Reinhard, MD
10:52 a.m.	Corneal Edema: How to Decide Between Descemet-Stripping Endothelial Keratoplasty and Descemet Membrane Endothelial Keratoplasty	Claus Cursiefen, MD
11:02 a.m.	Closing Time: Effective Treatments for Nonhealing Corneal Epithelial Defects	Teruo Nishida, MD
11:12 a.m.	Case Discussion	
11:20 a.m.	Failed Penetrating Keratoplasty: How to Decide Between Repeat PK and Keratoprosthesis	Stefan Schrader, MD
11:30 a.m.	Anterior Stromal Dystrophies: How to Decide Between Superficial Keratectomy, Phototherapeutic Keratectomy, and Deep Anterior Lamellar Keratoplasty	Berthold Seitz, MD
11:40 a.m.	Intraoperative Decision Making During Penetrating and Lamellar Keratoplasty	Somasheila Murthy, MD
11:50 a.m.	The Unusual Suspects: Differentiating Dystrophic From Paraproteinemic Corneal Deposits	Tatyana Milman, MD
12:00 p.m.	Case Discussion	
12:08 p.m.	Introduction to the Castroviejo Lecturer	Marian Sue Macsai-Kaplan, MD
12:10 p.m.	Castroviejo Lecture	Dimitri Azar, MD
12:30 p.m.	Conclusion	Anthony Aldave, MD

Gearing up for the Fall Educational Symposium in Chicago

The Cornea Society and Eye Bank Association of America (EBAA) are looking forward to hosting the annual Fall Educational Symposium on October 14 in Chicago where corneal surgeons, those working for eye banks, and others can learn what's new in the field.

This one-day symposium ahead of the 2016 American Academy of Ophthalmology annual meeting will include discussion on current research, surgical technique and technologies, and issues pertaining to donor tissue. It is also a time to honor several individuals who have shown exemplary work in corneal surgery and eye banking.

This year **Deborah Pavan Langston, MD**, Boston, will receive the Cornea Society's Dohlman Award, which honors "a lifetime of teaching excellence in the field of cornea and external disease and for contributions to the profession." Dr. Langston was, according to her nomination for this award, the first woman to graduate ophthalmology residency at Harvard Medical School, as well as the first female director of the cornea service at Massachusetts Eye and Ear Infirmary, succeeding **Claes Dohlman, MD, PhD**, for whom this award was established. During her career, Dr. Langston taught about 1,250 residents and fellows in lectures, in addition to overseeing about 180 fellows and

180 residents in clinical rotations. Dr. Langston has published more than 250 papers and five books, including the *Manual of Ocular Diagnosis and Therapeutics*.

Konstantinos Tsaousis, MD, Friedrich Alexander University, Erlangen, Germany, will present the Richard C. Troutman, MD, DSc, Prize Lecture on his paper "In Vitro Study of the Deturgescence Ability of Cultivated Human Corneal Endothelial Cells," which was published in *Cornea*. This research found that the "dehydrating ability of [human corneal endothelial cells] is adversely affected by increased thickness of artificial (Descemet) membrane."¹ The \$5,000 Troutman award is reserved for a study author who is 40 years old or younger.

Mark Terry, MD, medical director, Lions VisionGift, Portland, Oregon, will deliver the R. Townley Paton Award Lecture, the EBAA's highest honor for corneal surgeons. This annual award is given to a corneal surgeon who has qualities and has made contributions like those of Dr. Paton, who founded the first U.S. eye bank. Dr. Terry is credited with creating deep endothelial lamellar keratoplasty (DELK) and also made contributions to the Descemet's stripping endothelial keratoplasty (DSEK) technique, according to the Legacy Devers Eye Institute's website where Dr. Terry is a provider.

A joint Cornea Society and EBAA Best Fellow Paper Award for \$1,500 will also be presented at the symposium to the best paper by a resident, fellow, and/or medical students.

Members, residents and fellows, non-member physicians, and corporate/non-member eye bankers are all invited to pre-register for this event or register onsite at the Westin Michigan Avenue Chicago. Programming begins at 8:30 a.m. CST and lasts until 4:30 p.m. For more information, visit fallsymposium.corneasociety.org. **CN**

Reference

1. Tsaousis KT, et al. In vitro study of the deturgescence ability of cultivated human corneal endothelial cells. *Cornea*. 2016;35:669–672.



The banner features a night view of the Singapore skyline, including the Marina Bay Sands hotel and the Esplanade - Theatres on the Bay. The text on the banner reads: "WORLD VIII CORNEA CONGRESS", "Save the Date July 8-9, 2020", "For information & Updates corneacongress.org/2020", and "Singapore 2020".

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Management of Severe Ocular Surface Disease: Lessons Learned
Edward J. HOLLAND (USA)

Plenary Speakers

Posterior Lamellar Corneal Transplantation – A Revolution in Evolution
Friedrich E. KRUSE (Germany)

Cornea Surgery Begins in the Eye Bank
Marian MACSAI (USA)

Progress of the Lamellar Component of Corneal Surgery
Jun SHIMAZAKI (Japan)

Putting the Pieces Together: Approaches in the Investigation and Management of Atypical Corneal Infections
Elmer TU (USA)

DIDACTIC & WetLab Course (December 8, 2016)

DIDACTIC course & WetLab on DALK and DSAEK will be prepared on December 8, 2016.
Detailed program and ticket fees can be founded on the congress website: www.acs2016seoul.com.

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Call for Abstracts (Due by June 17, 2016)

Online submission for the free papers is now available through the congress website.
All accepted abstracts will be presented in the "Free Paper Sessions" or "E-Poster" during the meeting.

All abstracts MUST be submitted through the ACS 2016 official website at www.acs2016seoul.com. Abstract will be only accepted through the official conference website. Fax or Email submission is NOT available.

ACS 2016 Secretariat

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Keratoconus patient referral program

The National Keratoconus Foundation (NKCF) celebrates its 30th anniversary this year. The organization, now based at the University of California, Irvine's Gavin Herbert Eye Institute, provides informational materials and raises public awareness of the disease.

For more than two decades, NKCF has maintained a robust physician referral program. "Each week, we are contacted by patients seeking experts in keratoconus," said Mary Prudden, executive director. The organization maintains state-wide lists of ophthalmologists, as well as specialty-trained optometrists

and contact lens fitters, and shares these lists, free of charge, to requesting patients.

In the past, ophthalmologists who were board-certified and had completed a cornea/cataract fellowship were invited to join the referral network. Beginning this year, NKCF will limit ophthalmologist referrals to those who are active members of the Cornea Society.

"We have an obligation, when we are asked by patients, to identify the top specialists in a geographic area. By limiting invitations to join our referral program to Cornea Society members, we are confident that we are associating with clinicians who are practicing at the highest level," Ms. Prudden said.

Cornea Society members interested in participating in the NKCF physician referral program are invited to complete a short online application describing their practice and experience treating patients with keratoconus. The form can be found at www.nkcf.org.

For more information, contact info@nkcf.org or mprudden@uci.edu. **CN**

Business meeting announcement

The Cornea Society business meeting will take place on Friday, October 14, during the Cornea Society/Eye Bank Association of America Fall Educational Symposium at the Westin on Michigan Avenue, 909 Michigan Avenue, Chicago. All members are invited to attend.

Check the Society website for updates:
www.CorneaSociety.org



Cornea Society
Advancing the treatment of corneal disease

Now online: Cornea Day 2016

The Cornea Society new VideoEd portal features cornea presentations and expert interviews from educational events throughout the year



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Cornea 2016

Advancements in Cornea and External Disease: Essential Tools for Success in 2016

Chicago | Oct. 15

Program Directors:
Bennie H. Jeng, MD
Shahzad I. Mian, MD
Carol L. Karp, MD

Your registration for Cornea Subspecialty Day includes:

- Flexibility to float among all Subspecialty Day meetings on Saturday.
- Access to the AAO 2016 exhibit hall on Saturday.

Registration Deadlines

August 10 Early registration ends.
Register early for discounts.

August 26 (*International Registrants*)

September 23 (*U.S. Registrants*)

Last day to register to have your badge and meeting materials mailed to you before the meeting.



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Subspecialty Day AAO 2016

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