MEETING PREVIEW

REGISTER NOW FOR THE BEST RATES

TIER ONE DEADLINE
Wednesday, January 24

TIER TWO DEADLINE
Thursday, March 29
1,386,254.5 Diopters

of astigmatism went unmanaged in U.S. cataract ORs in 2016.*

*Based on data from Dr. Warren Hill. Assumes mid-range distribution of pre-op astigmatism. Excludes irregular and other conditions that impact toric selection.

1. Alcon Data on File.

Visit www.CrushSomeCyl.com for resources, passion and partnership.

Astigmatism Management is your bridge
to cataract refractive outcomes.

You manage sphere for every patient. Why leave cylinder on the table?
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THE ESSENTIALS
Focus more. Stress less.

ASCRS is pleased to introduce The ESSENTIALS, a new addition to the 2018 Annual Meeting. The ESSENTIALS is an educational track designed for ophthalmologists at all experience and skill levels. The ESSENTIALS will focus on indispensable concepts for anterior segment surgery; proven techniques to enhance patient outcomes.

THE ESSENTIALS TRACK

Retina Essentials for the Anterior Segment Surgeon Symposium
Saturday, April 14, 1-2:30 p.m.
Sponsored by the ASCRS Retina Clinical Committee

Nailing the Best IOL Refractive Outcomes Symposium
Saturday, April 14, 3-5 p.m.

Cornea Essentials Symposium
Sunday, April 15, 8-9:30 a.m.
Sponsored by the ASCRS Cornea Clinical Committee

Surgical Essentials: Getting You Out of Trouble in Cataract Surgery Symposium
Sunday, April 15, 8-9:30 a.m.
Sponsored by the Alliance of Cataract and Refractive Specialty Societies

Astigmatism Management at the Time of Cataract Surgery Symposium
Sunday, April 15, 1-2:30 p.m.
Sponsored by the ASCRS Cataract Clinical Committee

Crosslinking Essentials Symposium
Monday, April 16, 8-9:30 a.m.
Sponsored by the ASCRS Cornea Clinical Committee and Refractive Surgery Clinical Committee

Glaucoma Essentials Symposium
Monday, April 16, 8-9:30 a.m.
Sponsored by the ASCRS Glaucoma Clinical Committee

More details to follow:
ANNUALMEETING.ASCRS.ORG
ASCRS, the educational society created by and for anterior segment surgeons and ASOA, created by and for administrators, come together for the most exceptional meeting for anterior segment ophthalmic surgeons, administrators, nurses and technicians. The combined forces of ASCRS and ASOA provide all the hands-on education and training necessary to stay ahead of the curve clinically and administratively. **Join us April 13–17, 2018 in Washington, DC for:**

- 1,300 ASCRS and ASOA presentations and online post-meeting resources
- Innovative lectures on surgical techniques and technologies
- An educational track dedicated exclusively to the Essentials, fundamental techniques that are critical for ophthalmic success
- Special programming and networking events for Young Eye Surgeons (YES)— residents, fellows and surgeons in their first five years of practice
- Unlimited access to ophthalmology’s most established practice management program, including roundtables, consultations and legislative and regulatory updates
- Quality clinical and surgical offerings for technicians and nurses
- Business courses selected for ophthalmologists to increase practice efficiency
- Scientific discussions and interactive panels
- Exhibit Hall entry to interact with more than 300 ophthalmology industry exhibitors

Enhance your experience with additional programming opportunities taking place Friday, April 13, including ASCRS Subspecialty Day (ASCRS Glaucoma Day, ASCRS Refractive Day and Cornea Day), ASOA Workshops, ATPO COA/COT/COMT Exam Review Sessions, ATPO Train the Trainer and T&N Tech Talks. Attendees can also earn CME credits by registering for EyeWorld Educational Symposia.
CONTINUING MEDICAL EDUCATION – ASCRS•ASOA ANNUAL MEETING

ACCREDITATION STATEMENT
The American Society of Cataract and Refractive Surgery (ASCRS) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. ASCRS takes responsibility for the content, quality and scientific integrity of the CME activity.

OBJECTIVES
Ophthalmologists attending the ASCRS Annual Meeting on Cataract, IOL and Refractive Surgery and the ASOA Annual Meeting on Ophthalmic Practice Management will have the opportunity to:

• Incorporate the latest developments for the management of multiple ocular conditions within the various ophthalmic specialties
• Incorporate current and advanced treatment strategies for ocular conditions, including anterior segment and refractive surgery, glaucoma and retinal conditions
• Identify complicating factors in anterior segment surgery
• Develop appropriate treatment plans to address complicating factors pre-, peri- and post-operatively
• Compare and contrast ophthalmic treatments and technology
• Integrate prescribed medical and surgical treatment options into everyday practice
• Examine external legislative and internal practice issues affecting the field of ophthalmology

DESIGNATION STATEMENT
The American Society of Cataract and Refractive Surgery designates the ASCRS and ASOA programs within this live activity for a maximum of 36 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

All CME activities approved for AMA PRA Category 1 Credits™ are valid for recognition by the European Accreditation Council for Continuing Medical Education (EACCME).

Physicians not licensed in the U.S. who participate in this CME activity are eligible for AMA PRA Category 1 Credits™.

Physicians can claim CME credit up to the maximum listed above for attending the Physicians Program (ASCRS), including scientific films and posters on-demand, scientific papers, courses, symposia and general sessions, the Practice Management (ASOA) Program, or a combination thereof.

CONTINUING EDUCATION CREDIT
ASOA offers various continuing education credits for its 2018 program:

• American Academy of Professional Coders (AAPC) AAPC continuing education credit for select ASOA course tracks
• California Bureau of Registered Nursing (CA BRN) Provider approved by the California Bureau of Registered Nursing, provider #15934
• Certified Ophthalmic Executive (COE)

Attendees: The ASOA Annual Meeting on Ophthalmic Practice Management qualifies for COE Category A credits. All attendees seeking COE credits MUST be registered for the ASOA program or the Joint ASOA-Technicians & Nurses program.

Speakers: ASOA designates this activity for a maximum of 15 COE Category C credits.

International Joint Commission on Allied Health Personnel in Ophthalmology, Ophthalmic Photographers’ Society and American Orthoptic Council (IJCAHPO/OPS/AOC) Application will be made for IJCAHPO/OPS/AOC continuing education credits for the Technicians & Nurses Program, as well as the Friday T&N Tech Talks optional program. IJCAHPO is an approved provider by the California Board of Registered Nursing, Provider #13516, for Contact Hours. All attendees seeking IJCAHPO/OPS/AOC credits MUST be registered for the Technicians & Nurses Program or the joint ASOA/Technicians & Nurses program.

CREDIT ELIGIBILITY
Attendees registered as exhibitors, guests and industry personnel may not claim continuing education credits for the program.

Note: All attendees must have their badges printed on site to be verified as eligible for credit.

The ASCRS and ASOA programs will be evaluated electronically. Attendees have three options for evaluating sessions and claiming credit.

• On site: Visit any Connect and Claim Station and evaluate sessions and claim credit
• Online: Visit the ASCRS•ASOA websites, follow the link to evaluate the program and print a copy of the credits/hours
• All Access App: Access the evaluation and credit claim through the app

The Technicians & Nurses Program will use paper evaluations, which will be given to the attendees upon entering the course room. JCAHPO credits are processed and claimed directly through JCAHPO.
NOTICE ABOUT OFF-LABEL USE PRESENTATIONS

The ASCRS Annual Meeting on Cataract, IOL and Refractive Surgery and the Subspecialty Programs may include presentations on drugs or devices, or uses of drugs or devices that may not have been approved by the Food and Drug Administration (FDA) or have been approved by the FDA for specific uses only. The FDA has stated that it is the responsibility of the physician to determine the FDA clearance status of each drug or device he or she wishes to use in clinical practice. ASCRS is committed to the free exchange of medical education. Inclusion of any presentation in this program, including presentations of off label uses, does not imply an endorsement by ASCRS of the uses, products or techniques presented.

ADA/SPECIAL ACCOMMODATIONS

ASCRS fully complies with the legal requirements of the Americans with Disabilities Act (ADA) and the rules and regulations thereof. ASCRS also requires ADA compliance from its contracted vendors and facilities. Any participant in this educational program who requires special accommodations or services should contact the ASCRS Meetings Department at meetings@ascrs.org.

CONTINUING MEDICAL EDUCATION – SUBSPECIALTY DAY PROGRAMMING

*ASCRS REFRACTIVE DAY

TARGET AUDIENCE

Comprehensive ophthalmologists; refractive, cataract and corneal surgeons who are performing cataract and refractive surgery.

EDUCATIONAL OBJECTIVES

At the end of the activity, participants will be able to:

• Identify refractive surgery screening and treatment options, and list surgical technique adjustments to improve outcomes
• Analyze the role of advanced technology within refractive lens surgery
• Incorporate alternative or new approaches to manage risks and complications
• Evaluate lens-based treatment options to maximize patient satisfaction

ACCREDITATION STATEMENT

The American Society of Cataract and Refractive Surgery is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. ASCRS takes responsibility for the content, quality and scientific integrity of this CME activity.

*Separate registration and fee required

*ASCRS GLAUCOMA DAY

TARGET AUDIENCE

Practicing ophthalmologists who care for patients with glaucoma and related disorders.

EDUCATIONAL OBJECTIVES

At the conclusion of this program, attendees will be able to:

• Effectively evaluate current and utilize new diagnostic testing modalities to assist in the early diagnosis of the glaucoma patient and glaucoma suspect as well as disease progression
• Make treatment decisions using evidence-based recommendations and best-practices regarding the use of medical and laser therapies for the treatment of glaucoma
• Describe and evaluate phacoemulsification treatment options in patients with pre-existing open angle glaucoma

DESIGNATION STATEMENT

The American Society of Cataract and Refractive Surgery designates this live activity for a maximum of 7.25 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

All CME activities approved for AMA PRA Category 1 Credit™ are valid for recognition by the European Accreditation Council for Continuing Medical Education (EACCME). Physicians not licensed in the U.S. who participate in this CME activity are eligible for AMA PRA Category 1 Credit™.
• Compare and contrast recent and emerging microinvasive glaucoma surgical (MIGS) options and integrate pearls for improving glaucoma surgical outcomes
• Make use of surgical video pearls as a means of improving understanding of glaucoma surgical challenges

ACCREDITATION STATEMENT
The American Society of Cataract and Refractive Surgery is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. ASCRS takes responsibility for the content, quality and scientific integrity of this CME activity.

DESIGNATION STATEMENT
The American Society of Cataract and Refractive Surgery designates this live activity for a maximum of 7.50 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

All CME activities approved for AMA PRA Category 1 Credit™ are valid for recognition by the European Accreditation Council for Continuing Medical Education (EACCME). Physicians not licensed in the U.S. who participate in this CME activity are eligible for AMA PRA Category 1 Credit™.

*CORNEA DAY

TARGET AUDIENCE
Practicing ophthalmologists who care for patients with corneal-related conditions.

EDUCATIONAL OBJECTIVES
At the conclusion of this program, attendees will be able to:
• Integrate crosslinking into practice
• Compare and contrast modalities for ocular surface reconstruction
• Implement strategies to identify and efficiently manage patients with ocular surface disease/dry eye disease preoperatively
• Compare and contrast new advances in dry eye disease
• Incorporate methods and pearls to successfully perform anterior segment surgery with concurrent corneal disease
• Implement strategies to transition from DSAEK to DMEK
• Analyze the indications and surgical techniques for newer forms of lamellar keratoplasty
• Assess corneas from expanded donor pool

ACCREDITATION STATEMENT
The American Society of Cataract and Refractive Surgery is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. ASCRS takes responsibility for the content, quality and scientific integrity of this CME activity.

DESIGNATION STATEMENT
The American Society of Cataract and Refractive Surgery designates this live activity for a maximum of 7.25 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

All CME activities approved for AMA PRA Category 1 Credit™ are valid for recognition by the European Accreditation Council for Continuing Medical Education (EACCME). Physicians not licensed in the U.S. who participate in this CME activity are eligible for AMA PRA Category 1 Credit™.

ELIGIBILITY FOR CREDIT
Attendees of the Subspecialty Day programs who are registered as exhibitors, guests or industry personnel are not eligible for CME credit.

Note: All attendees must have their badges printed on site to be verified as eligible for credit. The program evaluation and credit claim will be available online.

NOTICE OF OFF-LABEL USE PRESENTATIONS
This program may include presentations on drugs or devices, or uses of drugs or devices that may not have been approved by the Food and Drug Administration (FDA) or have been approved by the FDA for specific uses only. The FDA has stated that it is the responsibility of the physician to determine the FDA clearance status of each drug or device he/she wishes to use in clinical practice. ASCRS is committed to the free exchange of medical education. Inclusion of any presentation in this program, including presentations of off-label uses, does not imply an endorsement by ASCRS of the uses, products or techniques presented.

ADA/SPECIAL ACCOMMODATIONS
ASCRS fully complies with the legal requirements of the Americans with Disabilities Act (ADA) and the rules and regulations thereof. ASCRS also requires ADA compliance from its contracted vendors and facilities. Any participant in this educational program who requires special accommodation or services should contact the ASCRS Meetings Department at meetings@ascrs.org.

*Separate registration and fee required
SPECIAL JOINT ASCRS•ASOA

GOVERNMENT RELATIONS

GENERAL SESSION

FRIDAY | APRIL 13
4:30-5 p.m.

ASCRS is the cataract and refractive surgeon’s voice on Capitol Hill. As legislative and regulatory mandates are formulated, ASCRS•ASOA guides administrators through implementation, ensuring confidence in compliance and bringing efficiencies to the bottom line. These joint efforts bridge ASCRS and ASOA, ensuring members stay current and informed about the happenings on Capitol Hill and providing practical applications for federal legislative and regulatory policies as they emerge.

Please join us for a joint ASCRS•ASOA Government Relations Session where perspectives and viewpoints on current and emerging policy issues facing the medical community will be discussed. Centered in the heart of the nation’s capital, the audience will be educated and enlightened by first-hand accounts of life in today’s political climate while engaging in a dynamic discussion on key issues.

More details to follow:
ANNUALMEETING.ASCRS.ORG
An enhanced customizable program scheduler will be released as part of the app and final program book.

| THURSDAY, APRIL 12 | 6 a.m. | 7 a.m. | 8 a.m. | 9 a.m. | 10 a.m. | 11 a.m. | Noon | 1 p.m. | 2 p.m. | 3 p.m. | 4 p.m. | 5 p.m. | 6 p.m. | 7 p.m. | 8 p.m. | 9 p.m. |
|-------------------|--------|--------|--------|--------|---------|---------|------|--------|--------|--------|--------|--------|--------|--------|--------|
| Registration      |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| FRIDAY, APRIL 13  | 6 a.m. | 7 a.m. | 8 a.m. | 9 a.m. | 10 a.m. | 11 a.m. | Noon | 1 p.m. | 2 p.m. | 3 p.m. | 4 p.m. | 5 p.m. | 6 p.m. | 7 p.m. | 8 p.m. | 9 p.m. |
| Registration      |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Subspecialty Day  |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Exhibit Hall      |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| **ASCRS•ASOA Joint** |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| **Government Relations** |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| **General Session** |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| YES Connect Lounge |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Cornea Day*       |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ASCRS Glaucoma Day* |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ASCRS Refractive Day* |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ASOA Workshops*   |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| COE Review, Part 1* |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ATV Train the Trainer* |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ATV COA/COT/COMT  |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Exam Review Sessions* |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| T&N Tech Talks*   |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ASCRS eyePAC      |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Reception***      |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Posters & Films   |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| On Demand         |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| SATURDAY, APRIL 14| 6 a.m. | 7 a.m. | 8 a.m. | 9 a.m. | 10 a.m. | 11 a.m. | Noon | 1 p.m. | 2 p.m. | 3 p.m. | 4 p.m. | 5 p.m. | 6 p.m. | 7 p.m. | 8 p.m. | 9 p.m. |
| Registration      |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Exhibit Hall      |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Industry Spotlight |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Theater          |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| **ASCRS Opening** |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| **General Session** |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| YES Residents and Fellows Networking Luncheon* |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| YES Connect Lounge |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ASCRS Symposia    |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ASCRS Paper Sessions |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ASCRS Instructional Courses |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Skills Transfer Sessions* |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Poster Pavilion Presentations |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Poster Pavilion Presentations |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Poster Pavilion Presentations |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| **ASOA Opening** |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| **General Session** |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ASOA Roundtables  |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ASOA Networking Lounge |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| ASOA Practice Management Courses |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| COE Review, Part 2* |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| Technicians & Nurses Courses |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |

**KEY:**
- **ASOA Programming**
- **ASCRS Programming**
- **T&N Programming**
- **YES Young Eye Surgeons**
- **Exhibit Hall**
- **Attendee Registration**

*Additional Registration Required, Fees may apply  ***No On-site Registration
### Sunday, April 15

| Time   | 6 a.m. | 7 a.m. | 8 a.m. | 9 a.m. | 10 a.m. | 11 a.m. | Noon | 1 p.m. | 2 p.m. | 3 p.m. | 4 p.m. | 5 p.m. | 6 p.m. | 7 p.m. | 8 p.m. | 9 p.m. |
|--------|--------|--------|--------|--------|---------|---------|------|--------|--------|--------|--------|--------|--------|--------|--------|
|        |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| **Registration** | ✔️ | | | | | | | | | | | | | | |
| **Exhibit Hall** | | | | | | | | | | | | | | | |
| **Industry Spotlight Theater** | | | | | | | | | | | | | | | |
| **The Sunday Summit General Session** | | | | | | | | | | | | | | | |
| **YES Connect Lounge** | | | | | | | | | | | | | | | |
| **ASCRS Symposia** | | | | | | | | | | | | | | | |
| **ASCRS Paper Sessions** | | | | | | | | | | | | | | | |
| **ASCRS Instructional Courses** | | | | | | | | | | | | | | | |
| **Skills Transfer Sessions** | | | | | | | | | | | | | | | |
| **Poster Pavilion Presentations** | | | | | | | | | | | | | | | |
| **Posters & Films On Demand** | | | | | | | | | | | | | | | |
| **ASOA Networking Lounge** | | | | | | | | | | | | | | | |
| **ASOA Sunday General Session** | | | | | | | | | | | | | | | |
| **ASOA Practice Management Courses** | | | | | | | | | | | | | | | |
| **Technicians & Nurses Courses** | | | | | | | | | | | | | | | |

### Monday, April 16

| Time   | 6 a.m. | 7 a.m. | 8 a.m. | 9 a.m. | 10 a.m. | 11 a.m. | Noon | 1 p.m. | 2 p.m. | 3 p.m. | 4 p.m. | 5 p.m. | 6 p.m. | 7 p.m. | 8 p.m. | 9 p.m. |
|--------|--------|--------|--------|--------|---------|---------|------|--------|--------|--------|--------|--------|--------|--------|--------|
|        |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| **Registration** | ✔️ | | | | | | | | | | | | | | |
| **Exhibit Hall** | | | | | | | | | | | | | | | |
| **Industry Spotlight Theater** | | | | | | | | | | | | | | | |
| **ASCRS Innovators General Session** | | | | | | | | | | | | | | | |
| **YES Connect Lounge** | | | | | | | | | | | | | | | |
| **ASCRS Symposia** | | | | | | | | | | | | | | | |
| **ASCRS Paper Sessions** | | | | | | | | | | | | | | | |
| **ASCRS Instructional Courses** | | | | | | | | | | | | | | | |
| **Skills Transfer Sessions** | | | | | | | | | | | | | | | |
| **Poster Pavilion Presentations** | | | | | | | | | | | | | | | |
| **Posters & Films On Demand** | | | | | | | | | | | | | | | |
| **ASOA Networking Lounge** | | | | | | | | | | | | | | | |
| **ASOA Practice Management Courses** | | | | | | | | | | | | | | | |
| **Technicians & Nurses Courses** | | | | | | | | | | | | | | | |
| **ASCRS Film Festival Awards Ceremony** | | | | | | | | | | | | | | | |

### Tuesday, April 17

| Time   | 6 a.m. | 7 a.m. | 8 a.m. | 9 a.m. | 10 a.m. | 11 a.m. | Noon | 1 p.m. | 2 p.m. | 3 p.m. | 4 p.m. | 5 p.m. | 6 p.m. | 7 p.m. | 8 p.m. | 9 p.m. |
|--------|--------|--------|--------|--------|---------|---------|------|--------|--------|--------|--------|--------|--------|--------|--------|
|        |        |        |        |        |         |         |      |        |        |        |        |        |        |        |        |
| **Registration** | ✔️ | | | | | | | | | | | | | | |
| **Best of ASCRS 2017 General Session** | | | | | | | | | | | | | | | |
| **YES Connect Lounge** | | | | | | | | | | | | | | | |
| **ASCRS Symposia** | | | | | | | | | | | | | | | |
| **ASCRS Paper Sessions** | | | | | | | | | | | | | | | |
| **ASCRS Instructional Courses** | | | | | | | | | | | | | | | |
| **Film Theater** | | | | | | | | | | | | | | | |
| **Posters & Films On Demand** | | | | | | | | | | | | | | | |
| **ASOA Networking Lounge** | | | | | | | | | | | | | | | |
| **ASOA Practice Management Courses** | | | | | | | | | | | | | | | |
| **COE Exam*** | | | | | | | | | | | | | | | |

**EXHIBITOR REGISTRATION TIMES:**
- **Wednesday, April 11:** 8:00 AM – 5:00 PM
- **Thursday, April 12:** 8:00 AM – 6:00 PM
- **Friday, April 13:** 7:00 AM – 7:00 PM
- **Saturday, April 14:** 7:00 AM – 5:00 PM
- **Sunday, April 15:** 7:30 AM – 5:00 PM
- **Monday, April 16:** 8:00 AM – 12:00 PM
CUSTOMIZED EXPERIENCE

Featuring the leading thought leaders in Glaucoma, Refractive and Cornea, ASCRS Subspecialty Day will provide overviews of the latest advancements in each specialty area. With the All Access Pass, you can customize your learning experience—identify specific topics and speakers you want to hear from the three programs and move freely from room to room.

Not a fan of moving around? Select one program for a deeper dive into your specialty area all from the comfort of one session room and the experts will come to you.

ACCESS TO RECORDED SESSIONS

NEW for 2018 - With your ASCRS All Access Pass, you gain exclusive access to the recorded presentations from ASCRS Glaucoma Day, ASCRS Refractive Day and Cornea Day within a week after the meeting.

30+ EXHIBITORS

Access to 30+ exhibitors specializing in Glaucoma, Refractive Surgery and Cornea products and services.

REGISTRATION

ASCRS Subspecialty Day Final Program, breakfast, lunch and coffee breaks included with registration fee.

Registering for the ASCRS All Access Pass also offers substantial savings when compared to individual pricing for either event. Take advantage of this unique offer to enhance your meeting experience.

Register today at AnnualMeeting.ascrs.org.
ASCRS 2018
GLAUCOMA DAY

ASCRS Glaucoma Day provides cutting-edge guidance to improve patient outcomes and change the treatment of glaucoma. Real-world case studies, acclaimed speakers, and debates on the latest surgical techniques and clinical advances, make Glaucoma Day 2018 a unique and valuable event.

Sponsored by the ASCRS Glaucoma Clinical Committee

ASCRSGlaucomaDay.com

ASCRS 2018
REFRACTIVE DAY

ASCRS Refractive Day provides a comprehensive overview of all the advances in refractive surgery needed to improve outcomes, spotlighting the latest advancements within this exciting specialty.

Sponsored by the ASCRS Refractive Surgery Clinical Committee

ASCRSrefractiveday.org

ASCRS 2018
CORNEA DAY

Cornea Day is a premier one-day interactive program on cornea and cataract surgery. The program features panel discussions, case studies, debates and surgical video reviews to cover pertinent topics and the latest innovations and techniques for this specialty.

Sponsored by the ASCRS Cornea Clinical Committee and the Cornea Society

corneaday.org
FRIDAY, APRIL 13

*ASCRS REFRACTIVE DAY

This one-day meeting will provide a comprehensive overview of the advances in refractive surgery you need to improve your outcomes and learn about the latest advances in this exciting specialty.

PROGRAM CHAIRS
Rosa M. Braga-Mele, MD, FRCSC; Eric D. Donnenfeld, MD; John A. Vukich, MD

SESSIONS MODERATORS
David F. Chang, MD; D. Rex Hamilton, MD; Bonnie An Henderson, MD; Nick Mamalis, MD; Edward E. Manche, MD; Robert J. Weinstock, MD; Elizabeth Yeu, MD

SESSION PANELISTS
Graham D. Barrett, FRANZCO
Kendall E. Donaldson, MD
Sumit “Sam” Garg, MD
Preeya K. Gupta, MD
Warren E. Hill, MD
Richard S. Hoffman, MD
Terry Kim, MD
Douglas D. Koch, MD
Lance J. Kugler, MD
Sarah M. Nehls, MD
Gregory D. Parkhurst, MD
Michael Patterson, DO
Sherman W. Reeves, MD
Stephen G. Slade, MD
Julian D. Stevens, MD
Mitchell P. Weikert, MD
William F. Wiley, MD

FEATURING
Steinert Refractive Lecture
RICHARD L. LINDSTROM, MD

PRELIMINARY PROGRAM (subject to change)

7–8 a.m.
Continental Breakfast with Exhibitors

8–9:45 a.m.
Session I: Refractive Corneal Surgery: From Good to Great
Moderators: D. Rex Hamilton, MD; Elizabeth Yeu, MD
Panel: Kendall E. Donaldson, MD; Gregory D. Parkhurst, MD; Steven G. Slade, MD; William F. Wiley, MD

Introduction
John A. Vukich, MD

The American Refractive Surgical Council and the Role of Social Media and Refractive Surgery
Liana Miller

Corneal Topography: What should I Be Looking for and What Should I Be Worried About?
William B. Trattler, MD

Can We Eliminate the Risk of Ectasia?
Steven C. Schallhorn, MD

How I Diagnose Dry Eye Disease
Christopher E. Starr, MD

Managing the Ocular Surface for the Refractive Surgery Patient
Edward J. Holland, MD

Five Pearls for PRK
Neel R. Desai, MD

Five Pearls for LASIK
Louis E. Probst, MD

Five Pearls for SMILE
John F. Doane, MD

Case Studies in Refractive Surgery
Eric D. Donnenfeld, MD

*Separate registration and fee required
9:45–10:10 a.m.
Break and Networking with Exhibitors

10:10 a.m.–Noon
Session II: Achieving Premium Results with Refractive Lens Surgery
Moderators: Rosa M. Braga-Mele, MD and David F. Chang, MD
Panel: Graham D. Barrett, FRANZCO; Warren E. Hill, MD; Terry Kim, MD; Douglas D. Koch, MD; Julian D. Stevens, MD

Premium Practice Starts at the Front Door
Vance Thompson, MD

Using Advanced Technology to Improve Refractive Outcomes
Daniel H. Chang, MD

Smart Software for Improving IOL Selection
Kerry D. Solomon, MD

Can my Practice Afford Another High-Tech Device?
Matt Jensen, MBA

Case Studies in Refractive Cataract Surgery - Ask the Genius Bar
David F. Chang, MD

Introduction of the Steinert Refractive Lecture
April Steinert

Steinert Refractive Lecture
Richard L. Lindstrom, MD

Noon–1 p.m.
Lunch with Exhibitors

1–2:50 p.m.
Session III: Tips, Pearls and Take-Home Messages
Moderators: Edward E. Manche, MD; Robert J. Weinstock, MD
Panel: Lance J. Kugler, MD; Sarah M. Nehls, MD; Sherman W. Reeves, MD; Mitchell P. Weikert, MD

Retina for Refractive Surgeons: Current Thinking on OCT and AMD
Steve Charles, MD

My Favorite Refractive Tip

How to Prevent and Manage Negative Dysphotopsia
Nicole R. Fram, MD

Clear Lens, Not So Clear Lens and Cataracts: Decision Making and Documentation
George Waring, IV, MD

Refractive Enhancements Following Cataract Surgery
Kathryn M. Harch, MD

2:50–3:10 p.m.
Break and Networking with Exhibitors

3:10–4:30 p.m.
Session IV: Choosing and Using the Right IOL
Moderators: Bonnie An Henderson, MD; Nick Mamalis, MD
Panel: Sumit “Sam” Garg, MD; Preeya K. Gupta, MD; Richard S. Hoffman, MD; Michael Patterson, DO

Choosing the Right Implant: Rethinking the Dell Questionnaire
Steven J. Dell, MD

Can We Make the Hill RBF and Barrett II Even More Accurate?
Adi Abulafia, MD

Multifocal and Extended Depth of Focus IOLs
Tal Raviv, MD

Case Studies in IOL Selection
Robert J. Cionni, MD

Bilateral Immediate Sequential Cataract Surgery
Richard Kent Stiverson, MD

4:30 p.m.
Program Adjourns
*ASCRS GLAUCOMA DAY

Improve patient outcomes and change your treatment of glaucoma with cutting-edge guidance. Acclaimed speakers, real-world case studies, debates, videos and the latest surgical techniques and clinical advances make this year’s premier glaucoma event.

PROGRAM COMMITTEE
Douglas J. Rhee, MD–Chair
Ike K. Ahmed, MD
Jacob W. Brubaker, MD
Brian A. Francis, MD, MS
Paul J. Harasymowycz, MD, FRCSC
Leon W. Herndon, Jr., MD
Marlene R. Moster, MD
Robert J. Noecker, MD, MBA
Thomas D. Patrianakos, DO
Nathan M. Radcliffe, MD
Steven R. Sarkisian, Jr., MD
Steven D. Vold, MD

FEATURING
2018 Stephen A. Obstbaum, MD, Honored Lecturer
STEVEN D. VOLD, MD

PRELIMINARY PROGRAM (subject to change)
For program updates and more, visit ASCRSGlaucomaDay.org

7–8 a.m.
Continental Breakfast with Exhibitors

8 a.m.
Welcome
Douglas J. Rhee, MD

8:05–9:05 a.m.
Joint ASCRS/AGS Symposium: Suturing and Gluing Within the Anterior Segment
Moderators: Leon W. Herndon, Jr., MD and Sayoko E. Morio, PhD

9:05–10:20 a.m.
Glaucometeknen—PracticalTech for the Modern Ophthalmologist
Moderators: Brian A. Francis, MD, MS; Nathan M. Radcliffe, MD

10:20–10:40 a.m.
Break and Networking with Exhibitors

10:40–10:55 a.m.
International Guest Lecture

10:55–11:50 a.m.
Medications & Lasers: Practical Concepts for Enhancing Glaucoma Care
Moderators: Jacob W. Brubaker, MD; Robert J. Noecker, MD

11:50 a.m.–12:45 p.m.
Lunch and Networking with Exhibitors

12:20–12:45 p.m.
Café Style Discussion
Moderator: Garry P. Condon, MD
Panel: Reay H. Brown, MD; Richard A. Lewis, MD; Thomas W. Samuelson, MD

12:45–1:20 p.m.
2018 Stephen A. Obstbaum, MD, Honored Lecture
Steven D. Vold, MD

1:20–2:55 p.m.
Surgical Glaucoma Spotlight: MIGS Lessons from the Learning Curve
Moderators: Ike K. Ahmed, MD, Paul J. Harasymowycz, MD, FRCSC; Steven R. Sarkisan, Jr., MD; Steven D. Vold, MD

2:55–3:10 p.m.
Break and Networking with Exhibitors

3:10–3:30 p.m.
GFC Debate Rematch – Is Trabeculectomy Dead?
Referee: Steven R. Sarkisian, Jr., MD
Debaters: Ike K. Ahmed, MD; Douglas J. Rhee, MD

3:30–4:30 p.m.
Video Case Presentations—Complications and a “Reay of Hope”
Moderator: Thomas J. Patrianakos, DO
Panel: Garry P. Condon, MD; Reay H. Brown, MD; Nathan M. Radcliffe, MD; Steven R. Sarkisian, Jr., MD

4:30 p.m.
Program Adjourns

*Separate registration and fee required
CORNEA DAY

Join world renowned faculty for the premier one-day program on cornea and cataract surgery. Through panel discussions, case studies, debates, and surgical video reviews, this program will provide a comprehensive overview of surgical challenges, management of inflammation and infections, ocular surface advances and what’s trending, and debates and lively exchanges on topics ranging from crosslinking to premium IOLs.

PROGRAM CHAIRS
Francis S. Mah, MD (ASCRS)
Marian S. Macsai, MD (Cornea Society)

PROGRAM PLANNING COMMITTEE
Kenneth A. Beckman, MD (Cornea Society)
John P. Berdahl, MD (ASCRS)
Marjan Farid, MD (ASCRS)
Shahzad Mian, MD (Cornea Society)
Audrey R. Talley-Rostov, MD (Cornea Society)
Elmer Y. Tu, MD (Cornea Society)
Elizabeth Yeu, MD (ASCRS)

FEATURED LECTURES
Role of Nutritional Supplements in Dry Eyes Disease
PENNY A. ASBELL, MD

Artificial Corneal Transplantation: What’s the Future?
EDWARD J. HOLLAND, MD

PRELIMINARY PROGRAM (subject to change)
For program updates and more, visit CorneaDay.org

8–9:35 a.m.
Session I: Surgical Scenarios – Managing DMEK Disasters and Other Cornea Catastrophes
Moderators: John P. Berdahl, MD; Audrey R. Talley-Rostov, MD

DMEK (or DSEK) Disaster*
Pravin Vaddavalli, MD

DMEK Dances
Neda Shamie, MD

S.O.S. Save Our Stroma or Scarred for Life*
Jimmy K. Lee, MD

Repairing Refractive Complications
Karolinnne M. Rocha, MD

Cornea Catastrophe*
Brandon D. Ayres, MD

Treatment for Transplant Trauma
Zaina Al-Mohtaseb, MD

Keratoconus Conundrum
Brandon Baartman, MD

DALK Debacle*
Sumitra S. Khandelwal, MD

9:35-9:50 a.m.
Break and Networking with Exhibitors

9:50-11:40 a.m.
Session II: Smoke or Fire?
Moderators: Francis S. Mah, MD; Elmer Y. Tu, MD

Section 1: Inflammatory Eye Disease
New and Old Approaches to Immunosuppression of the Ocular Surface*
Nisha R. Acharya, MD

Scleritis
Sanjay Kedhar, MD

Peripheral Ulcerative Keratitis
Victor L. Perez, MD

Corneal Melt*
Esen K. Akpek, MD

HZO/HSV Stromal Keratitis
Helen K. Wu, MD

Section 2: Infectious Eye Disease
When Fluoroquinolones Fail: Diagnostic Approach to Atypical Corneal Infections*
Sonal Tuli, MD

*Separate registration and fee required
Corneal Ulcer (Surgical Management)
Christopher Rapuano, MD

Resistant Bacterial Keratitis
Ana Luisa Höfling-Lima, MD

Fungal Keratitis (Post-Surgical or De Novo)
Denise de Freitas, MD

Recalcitrant HSV or HZV Keratitis*
James Chodosh, MD

Parasitic Keratitis
Jod Mehta, MD

Collagen Crosslinking*
Clara C. Chan, MD

11:40 a.m.–12:40 p.m.
Lunch and Networking with Exhibitors

12:40-2:35 p.m.
Session III: Advances and What’s Trending in Ocular Surface
Moderators: Marjan Farid, MD; Shahzad Mian, MD

Section 1: Understanding DED
Corneal Neuropathic Pain:
– How Do You Diagnose It?
  Anat Galor, MD
– How Do You Treat It?
  Deborah S. Jacobs, MD

Diagnostic Imaging for Dry Eye Disease: Is It Worth the Cost?
John D. Sheppard, MD

Dry Eye Algorithms—Where Do You Start?
DEWS 2—Update on What’s New in Definition and Diagnosis*
Dimitri Azar, MD

CEDARS Protocol—Where Do We Start with Diagnostics and Treatment?*
Mark S. Milner, MD

ASCRS CCC Protocol—Algorithm for Quick In-Office Approach and What to Do with the Refractive Patient*
Christopher E. Starr, MD

Section 2: New Treatments in DED
Anti-Inflammatory—What Do We Know and What’s Coming?
Amy Lin, MD

Nasal Neurostimulation—Does This Really Work?
Arturo S. Chayet, MD

Office-Based Treatments for MGD—What Really Works?
Preeya K. Gupta, MD

Section 3: Surgical Advances in Ocular Surface Diseases
Autologous Limbal Stem Cell
Namrata Sharma, MD

Corneal Neurotonization Procedure: Does It Work?
Christopher T. Hood, MD

Ex-Vivo Expansion of Limbal Stem Cells: Achievable Reality?
Ali R. Djalilian, MD

2:35-2:50 p.m.
Break and Networking with Exhibitors

2:50-4:30 p.m.
Session IV: The Great Debate
Moderators: Kenneth A. Beckman, MD; Elizabeth Yeu, MD
Panel: Renato Ambrosio, Jr., MD; Winston D. Chamberlain, MD; Jessica B. Ciralsky, MD; Kathy A. Colby, MD; Rajesh Fogla, MD; Kathrynn M. Hatch, MD; John Kanellopoulos, MD; Jodi Luchs, MD; Francis W. Price, MD; Rajesh K. Rajpal, MD; Doyle Stulting, Jr., MD; PhD; Keith A. Walter, MD; William F. Wiley, MD

Cornea Crosslinking in 2018: Which Age is Too Young or Old to Treat? Do Eyes Have to Demonstrate Progression for Treatment? What Combination Treatments Are Out There?*
A. John Kanellopoulos, MD

Cataract Surgery and the Ectasia Patient: Evaluation of Patient—Should CXL Be Performed?*
William B. Trattler, MD

ATIOLS and the Abnormal Cornea: Management Considerations for DED/ABMD/SND
Nicole R. Fram, MD

Endothelial Disease and the Cataract: Management Considerations for the Patient with Fuchs’ and Cataract*
W. Barry Lee, MD

4:30 p.m.
Program Adjourns

*indicates an advanced topic

For detailed meeting and program information, visit ascrs.org/program18.
YES CONNECT LOUNGE

• Networking Events
• Giveaways

Register and Book Housing Today

Tier One Rates Deadline
Wednesday, January 24

• Challenging Video Cases for the Young Eye Surgeon Symposium
  Sponsored by the YES Clinical Committee

• Networking Luncheon with the Experts

• Skills Transfer Session for Residents and Fellows

• Presentations and Awards for Best Posters and Papers by Residents and Fellows

• YES/ASOA Combined Symposium

#ASCRSASOA2018
ASCRS OPENING GENERAL SESSION

FEATURING:
Bonnie An Henderson, MD Outgoing President
Thomas W. Samuelson, MD Incoming President

THE CHALLENGE OF CHOOSING THE RIGHT IOL POWER

The Binkhorst Medal is awarded annually to a recipient whose contributions to ophthalmic science and practice have established him or her among the world's most prominent ophthalmologists.

BINKHORST LECTURE
Oliver Findl, MD

2018 HONORED GUESTS
R. Bruce Wallace, MD
Richard Packard, MD

ASCRS OPHTHALMOLOGY HALL OF FAME CEREMONY

This annual ceremony honors the distinguished careers of two inductees and their contributions to ophthalmology. Chosen by more than 30,000 of their peers worldwide, these esteemed professionals are selected based on the impact of their work on the field.

ASCRS FOUNDATION

Join the ASCRS Foundation in celebrating a year of rapid growth in its Operation Sight and International charitable programs, while recognizing Alan Crandall, MD, as the inaugural winner of the Chang Humanitarian Award.

More details to follow:
ANNUALMEETING.ASCRSG.ORG
SATURDAY, APRIL 14

ASCRS OPENING GENERAL SESSION

FEATURING
EDWARD J. HOLLAND, MD
ASCRS PROGRAM CHAIR

Bonnie An Henderson, MD (outgoing president)
Thomas W. Samuelson, MD (incoming president)

2018 ASCRS HONORED GUESTS

Richard B. Packard, MD
R. Bruce Wallace III, MD

ASCRS Foundation co-chairs:
David F. Chang, MD
Stephen S. Lane, MD
James V. Mazzo

ASCRS OPHTHALMOLOGY HALL OF FAME CEREMONY

Chair, ASCRS Ophthalmology Hall of Fame:
Edward J. Holland, MD

Inductees:

I. Howard Fine, MD
David M. Maurice, PhD (deceased)

ASCRS OPHTHALMOLOGY HALL OF FAME

Chair, ASCRS Ophthalmology Hall of Fame:
Edward J. Holland, MD

Inductees:

I. Howard Fine, MD
David M. Maurice, PhD (deceased)

ASCRS SYMPOSIA

SYM-101 Clinical Conundrums in the Surgical Correction of Presbyopia
Sponsored by the ASCRS Cataract Clinical Committee and Refractive Surgery Clinical Committee
Moderators: Richard S. Hoffman, MD; John A. Vukich, MD

SYM-102 Challenging Video Cases for the Young Eye Surgeon
Sponsored by the ASCRS Young Eye Surgeons (YES) Clinical Committee
Moderator: Sumit (Sam) Garg, MD

SYM-103 Retina Essentials for Cataract and Refractive Surgery
Sponsored by the ASCRS Retina Clinical Committee
Moderator: Steve Charles, MD

SYM-104 Diagnostic and Therapeutic Challenges and Solutions in Pediatric Cornea
Sponsored by the Cornea Society
Moderators: Anthony J. Aldave, MD; Elmer Y. Tü, MD

ASCRS BINKHORST LECTURE
The Challenge of Choosing the Right IOL Power

OLIVER FINDL, MD

Since 1975, the Binkhorst Medal has been awarded to the world’s most prominent ophthalmologists whose careers have made significant contributions to the science and practice of ophthalmology. Dr. Findl is a professor of ophthalmology and chairs the Department of Ophthalmology at the Hanusch Hospital in Vienna, Austria. He founded and heads the Vienna Institute for Research in Ocular Surgery (VIROS). He has authored over 250 articles in international peer-reviewed journals and is currently the secretary of the European Society of Cataract and Refractive Surgeons (ESCRS) as well as the treasurer of the Austrian Ophthalmological Society.
SYM-105 Nailing the Best IOL Refractive Outcomes: Let the Experts Update You
Moderator: Richard B. Packard, MD, FRCS

SYM-106 Taking Your Practice from Good to Great: Clinical and Practice Insights 10 Years Out
Sponsored by ASCRS and the Vanguard Ophthalmology Society
Moderators: John P. Berdahl, MD; Preeya K. Gupta, MD

SYM-107 Survive or Thrive in the Modern Healthcare Environment: Clinical Changes to Practice
Moderators: Eric D. Donnenfeld, MD; Kerry D. Solomon, MD

SYM-108 Management of Complicated Cases in Cataract and Refractive Surgery: Presented in Spanish
Sponsored by the Latin American Society of Cataract and Refractive Surgeons (LASCRS/LACCSA-R)
Moderators: William C. De La Peña, MD; Carlos L. Nicoli, MD; María José Cosentino, MD; César C. Carriazo, MD

SYM-109 YES/ASOA Combined Symposium
Moderator: Zachary J. Zavodni, MD and Hayley Boling, MBA

ASCRS INSTRUCTIONAL COURSES
Course listings include categories, titles, and lead instructor names. For complete faculty listings and course descriptions, please visit ascrs.org/program18.

IC-101 CATARACT
Introduction to Small-Incision Cataract Surgery for the Phaco Surgeon
Instructor: Jeff Pettey, MD

IC-102 CATARACT
Secondary IOL Implantation
Instructor: George H. Beiko, BM, BCh

IC-103 CORNEA
Deep Anterior Lamellar Keratoplasty: New Frontiers
Instructor: Enrica Sarnicola, MD

IC-104 CATARACT
Intraocular Lens Exchange
Instructor: Nicole R. Fram, MD

IC-105 PRESBYOPIA CORRECTION
Multifocal, Toric Multifocal, Extended-Depth-of-Focus and Small-Aperture IOLs: Facing the Challenges
Instructor: Barbara Kusa, MD

IC-106 CATARACT
Mastering the Posterior Capsule: Thinking-Out-of-the-Bag Paradigm Shift
Instructor: Lisa B. Arbisser, MD

IC-107 CATARACT
Phaco Nightmares and Worst-Case Scenarios: Video-Based Course
Instructor: Amar Agarwal, FRCS

IC-108 CORNEA
Descemet Membrane Endothelial Keratoplasty: Simplified Technique to Shorten the Learning Curve and Avoid Complications
Instructor: Mark A. Terry, MD

IC-109 CATARACT
20/20 and Blurry: Understanding and Managing Patients Unhappy with Visual Quality After Cataract Surgery
Instructor: Daniel H. Chang, MD

IC-110 CATARACT
Intraocular Medication Choices in Cataract Surgery
Instructor: William G. Myers, MD

IC-111 CATARACT
Learning Phaco Chop: Pearls and Pitfalls
Instructor: David F. Chang, MD

IC-112 CATARACT
Iris-Suturing Techniques
Instructor: Steven B. Siepser, MD, FACS

For detailed meeting and program information, visit ascrs.org/program18.
IC-113 CORNEA
Deep Anterior Lamellar Keratoplasty: From Basic to Advanced
Instructor: Vincenzo Sarnicola, MD

IC-114 CATARACT
How to Survive a Sinking Lens: Measures to Take
Instructor: Keiki R. Mehta, MS, MD

IC-115 CATARACT
Management of Difficult Cataracts and Challenging Situations
Instructor: Abhay R. Vasavada, MS, FRCS

IC-116 CORNEA
Advanced Descemet Membrane Endothelial Keratoplasty
Instructor: Gerrit R.J. Melles, MD, PhD

ASCRS PAPER SESSIONS
SPS-101 CATARACT: Challenging Cases/IFIS
SPS-102 CATARACT: Refractive Outcomes/ELP/Refractive Index Shaping
SPS-103 KERATOREFRACTIVE: SMILE/LASIK
SPS-104 GLAUCOMA: MIGS/Laser/Other Surgery
SPS-105 CORNEA: Dry Eye Disease and Treatment Options
SPS-106 CORNEA: Keratoconus: Topo-Guided PRK/CXL/Surgical Techniques
SPS-107 PRESBYOPIA CORRECTION: EDOF/EROV IOLs
SPS-108 KERATOREFRACTIVE: LASIK Procedures: Topo-Guided & Wavefront-Guided
SPS-109 KERATOREFRACTIVE: Surgical Planning/SMILE
SPS-110 GLAUCOMA: Surgical Outcomes: MIGS/Supraciliary
SPS-111 CORNEA: Keratoconus: CXL Techniques/Femto-Assisted
SPS-112 CORNEA: DSAEK/Donor Tissue Evaluation/Nanothin

*ASCRS SKILLS TRANSFER LABS
STS-1 Advanced Phaco
Instructor: Kevin M. Miller, MD

STS-2 Surgical Management of Astigmatism
Instructors: Jonathan B. Rubenstein, MD; Gerald J. Roper, MD

STS-3 Advanced Phaco
Instructor: Jason J. Jones, MD

STS-4 Corneal Suturing Techniques
Instructor: Jonathan B. Rubenstein, MD

*Separate registration and fee required

ST-5 ECCE/SICS
Instructor: Jeff Pettey, MD

ST-6 Secondary IOL Implantation
Instructor: George H. Beiko, BM, BCh

ELECTRONIC POSTERS/PRESENTED POSTERS
Posters can be viewed on-demand at kiosks located in the Poster Pavilion and on the ASCRS website.

POSTER PRESENTATIONS AND AWARDS
Cataract Posters
Keratorefractive Posters

FILMS
Films can be viewed on-demand at kiosks located in the Poster Pavilion and on the ASCRS website.
Innovation and the Future of Healthcare: How to Navigate the Challenges and Opportunities Successfully

DeGraff has worked with some of the world’s top companies including Coca-Cola, Microsoft, General Electric, Prudential and Pfizer. His creative and direct take on making innovation really happen have made him a world-renowned thought leader and have prompted his clients and colleagues to dub him as The Dean of Innovation.

Don’t miss out on the opportunity to bring innovation to your practice - mark your calendar for this exciting session!
ASCRS SUNDAY SUMMIT
GENERAL SESSION PART 2

NEW FOR 2018!

HOST: Edward Holland, MD

FEATURING OPHTHALMOLOGY STARS & VOICE COACHES:
Ike Ahmed, MD
John Berdahl, MD
Eric Donnenfeld, MD
Elizabeth Yeu, MD

INCLUDING VOICE PANELISTS:
Rosa Braga-Mele, MD
Terry Kim, MD
Richard Lindstrom, MD
Vance Thompson, MD

More details to follow:
ANNUALMEETING.ASCRS.ORG
SUNDAY, APRIL 15

THE SUNDAY SUMMIT GENERAL SESSION

PART 1: ASCRS LECTURE ON SCIENCE, MEDICINE AND TECHNOLOGY

Innovation and the Future of Healthcare: How to Navigate the Challenges and Opportunities Successfully

JEFF DEGRAFF

Jeff DeGraff’s creative and direct take on making innovation really happen have made him a world-renowned thought leader and have prompted his clients and colleagues to dub him The Dean of Innovation. He has advised many of the world’s leading corporations, using the Competing Values Framework that he co-created, on how to grow, change and ultimately move forward to see positive results.

For the past 25 years Jeff has also spent his time as a Clinical Professor of Management and Organization for the University of Michigan’s Stephen M. Ross Business school. His energetic personality and practical business experience have made his classes some of the highest rated and hardest to get into at Ross, and he enjoys discussing the changing face of innovation with the next generation.

PART 2: THE VOICE OF OPHTHALMOLOGY

This high-energy, spirited competition will feature some of the most accomplished professionals, who will coach panelists as they defend perspectives on some of the most challenging issues facing ophthalmologists.

Host: Edward J. Holland, MD

Coaches: Ike K. Ahmed, MD; John P. Berdahl, MD; Eric D. Donnenfeld, MD; Elizabeth Yeu, MD

Voice Panelists: Rosa Braga-Mele, MD; Terry Kim, MD; Richard Lindstrom, MD; Vance Thompson, MD

SYM-202 Cornea Essentials
Sponsored by the ASCRS Cornea Clinical Committee
Moderator: Francis S. Mah, MD

SYM-203 Tolls, Detours, and HOV Lanes: Navigating the MIGS Superhighway by Personalizing Outcomes for Your Glaucoma Patients
Sponsored by the ASCRS Glaucoma Clinical Committee
Moderators: Jacob Brubaker, MD; Steven R. Sarkisian Jr., MD

SYM-204 Astigmatism Management at the Time of Cataract Surgery
Sponsored by the ASCRS Cataract Clinical Committee
Moderator: Richard S. Hoffman, MD

SYM-205 Accelerating Drug and Device Innovation: FDA’s Reorganization and Overhaul of the Regulatory Review Process to Bring Innovation and Effective Products to Market
Sponsored by the ASCRS FDA Committee
Moderator: Natalie A. Afshari, MD

SYM-206 Dilemmas and Challenges in Refractive Lens and Cataract Surgery
Sponsored by the ASCRS Refractive Surgery Clinical Committee
Moderators: Steven J. Dell, MD; John A. Vukich, MD

SYM-207 Creating a Winning Culture
Moderator: Karen Bachman, COMT, CCRC, COE

SYM-208 The 2018 ASCRS Cataract Surgery Olympics
Moderator: David F. Chang, MD

SYM-209 Symposium of Challenging Cases
Sponsored by the Brazilian Association of Cataract and Refractive Surgery (BRASCRS)
Moderators: Gustavo V. Baptista, MD, PhD; Roberto Piñeda, MD

ASCRS SYMPOSIA

SYM-201 Surgical Essentials: Getting You out of Trouble in Cataract Surgery
Sponsored by the Alliance of Cataract and Refractive Specialty Societies
Chair: Edward J. Holland, MD

Co-Chairs: Graham Barrett, FRANZCO; William C. De La Peña, MD; Beatrice Cochener, MD, PhD

ASCRS INSTRUCTIONAL COURSES

Course listings include categories, titles, and lead instructor names. For complete faculty listings and course descriptions, please visit ascrs.org/program18.

IC-201 NON-CLINICAL
2018 Legislative and Regulatory Update
Instructor: Nancey McCann

IC-202 CATARACT
Learning from Our Mistakes VII: International Video Symposium – Presented in Spanish
Sponsored by the Latin American Society of Cataract and Refractive Surgeons (LASCRS/ALACCSCA-R)
Instructor: Guadalupe Cervantes-Coste, MD
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<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
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<tr>
<td>IC-203</td>
<td>KERATOREFRACTIVE</td>
<td>Mitchell P. Weikert, MD</td>
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<td>IC-204</td>
<td>Cataract</td>
<td>Ehud I. Assia, MD</td>
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<td>IC-205</td>
<td>CATARACT</td>
<td>Kevin M. Miller, MD</td>
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<td>IC-206</td>
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<td>Neal H. Shorstein, MD</td>
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<td>IC-207</td>
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<td>Ramamurthy Dandapani, MD</td>
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<td>Alfred Paul, MD</td>
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<td>Soosan Jacob, FRCS, MS</td>
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<td>Arun Sethi, MS</td>
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<td>IC-211</td>
<td>PRESBYOPIA CORRECTION</td>
<td>Daniel B. Goldberg, MD</td>
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<td>CATARACT</td>
<td>Soon-Phaik Chee, FRCS(Ed), FRCOphth</td>
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<td>IC-213</td>
<td>KERATOREFRACTIVE</td>
<td>Athiya Agarwal, MD</td>
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<td>IC-215</td>
<td>CORNEA</td>
<td>David S. Rootman, MD, FRCSC</td>
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<td>KERATOREFRACTIVE</td>
<td>Chitra R. Ramamurthy, MD</td>
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<td>CATARACT</td>
<td>Gary Foster, MD</td>
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<td>IC-218</td>
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<td>Robert H. Osher, MD</td>
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<td>IC-219</td>
<td>CORNEA</td>
<td>Theo Seiler, MD, PhD</td>
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<td>Gregory J. Pamel, MD</td>
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<td>Guy M. Kezirian, MD</td>
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<td>IC-222</td>
<td>GLAUCOMA</td>
<td>Nir Shoham-Hazon, MD</td>
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<td>IC-223</td>
<td>CORNEA</td>
<td>John A. Hovanesian, MD</td>
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<td>IC-224</td>
<td>CATARACT</td>
<td>Steven Dewey, MD</td>
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</table>
**IC-225 PRESBYOPIA CORRECTION**
Corneal Inlay Technologies and New Surgical Techniques for the Treatment of Presbyopia
Instructor: Gregory D. Parkhurst, MD, FACS

**IC-226 CORNEA**
Transitioning to and Mastering DMEK: Video-Based Course
Instructor: Neda Shamie, MD

**IC-227 KERATOREFRACTIVE**
How to Calculate Topographic-Guided Laser in Situ Keratomileusis Treatments: Pearls and Pitfalls
Instructor: Mark C. Lobanoff, MD

**IC-228 CATARACT**
COLASC: Latin American Consensus of Management of Astigmatism in Cataract Surgery – Presented in Spanish
Sponsored by the Latin American Society of Cataract and Refractive Surgeons (LASCRS/ALACCSA-R)
Instructor: Maria X. Nuñez, MD

**IC-229 CORNEA**
Mastering PDEK and Preparation of PDEK Grafts
Instructor: Ashiyana Nariani, MD, MPH

**IC-230 CATARACT**
Best of ASCRS – Presented in Korean
Sponsored by the Korean Society of Cataract and Refractive Surgery (KSCRS)
Instructor: Hyun Seung Kim, MD

**IC-231 NON-CLINICAL**
Forecasting the Future-Preparing for 2020
Instructor: Samaresh Srivastava, DNB

**IC-232 NON-CLINICAL**
The Good, the Bad, and the Ugly: An Ophthalmic Insurer’s Top Cataract Claims
Instructor: Bradley D. Fouraker, MD

**IC-233 CATARACT**
Pseudoexfoliation and Cataract: Myths, Realities and Controversies – Presented in Spanish
Sponsored by the Latin American Society of Cataract and Refractive Surgeons (LASCRS/ALACCSA-R)
Instructor: Arturo F. Maldonado-Junyent, MD

**ASCRS PAPER SESSIONS**

**SPS-201 CATARACT:** Astigmatism/Toric IOLs

**SPS-202 PRESBYOPIA CORRECTION:** Scleral Implants/Scleral Microperforation/Presbyopic LASIK

**SPS-203 PRESBYOPIA CORRECTION:** MFIOLs/EDOF/Mix-and-Match IOLs

**SPS-204 KERATOREFRACTIVE: REFRACTIVE OUTCOMES:** Topo-Guided/Wavefront-Guided/SMILE/Phakic IOLs

**SPS-205 CORNEA:** Keratoconus: PRK/Intrastromal Rings/CXL

**SPS-206 CATARACT:** Complications

**SPS-207 CORNEA:** DMEK: Outcomes/Pre-Loaded Tissue

**SPS-208 PRESBYOPIA CORRECTION:** EDOF/Trifocal IOLs

**SPS-209 KERATOREFRACTIVE:** LASIK/PRK Outcomes

**SPS-210 RETINA:** Maculopathy

**SPS-211 CATARACT:** IOI Power Calculations/Post Refractive Surgery

**SPS-212 CATARACT:** Phacoemulsification: Fluidics/Complex Cases

**SPS-213 PRESBYOPIA CORRECTION:** MFIOLs/Trifocal IOLs

**SPS-214 KERATOREFRACTIVE:** Refractive Outcomes: PRK/SMILE

**SPS-215 GLAUCOMA:** Drug Delivery

**ASCRS SKILLS TRANSFER LABS**

**STS-7 Iris Suture**
Instructor: Steven B. Siepser, MD, FACS

**STS-8 ECCE/SICS**
Instructor: John D. Welling, MD

**STS-9 YES Resident/Fellow Refractive Cataract & Anterior Segment Surgery**
Instructors: Zaina Al-Mohtaseb, MD; Leela Raju, MD

**STS-10 Iris Suture**
Instructor: Nicole R. Fram, MD

**STS-11 Anterior Vitrectomy**
Instructor: Lisa B. Arbisser, MD

**ELECTRONIC POSTERS/PRESENTED POSTERS**
Posters can be viewed on-demand at kiosks located in the Poster Pavilion and on the ASCRS website.

**POSTER PRESENTATIONS AND AWARDS**

**Cornea Posters**
Best Residents and Fellows Paper and Posters

**FILMS**
Films can be viewed on-demand at kiosks located in the Poster Pavilion and on the ASCRS website.
This session features special innovative presentations followed by the ASCRS 2018 Charles Kelman, MD Innovator’s Lecture:

Systems Engineering at the Intersection of Technology and Technique
MONDAY, APRIL 16

ASCRS PROGRAM | MONDAY, APRIL 16

ASCRS INNOVATORS GENERAL SESSION

2018 CHARLES D. KELMAN, MD INNOVATOR’S LECTURE
Systems Engineering at the Intersection of Technology and Technique
STEVE CHARLES, MD

ASCRS SYMPOSIA

SYM-301 Cataract Challenging Cases Video Symposium
Sponsored by the ASCRS Cataract Clinical Committee
Moderator: Richard S. Hoffman, MD

SYM-302 ASCRS Military Refractive Surgery Symposium
Moderators: Elizabeth M. Hofmeister, MD; Mark F. Torres, MD; J. Richard Townley III, MD

SYM-303 Crosslinking Essentials
Sponsored by the ASCRS Cornea Clinical Committee and Refractive Surgery Clinical Committee
Moderators: Francis S. Mah, MD; John A. Vukich, MD

SYM-304 Essentials in Glaucoma
Sponsored by the ASCRS Glaucoma Clinical Committee
Moderators: Michael F. Oats, MD; Thomas D. Patranakos, MD; Amy Zhang, MD

SYM-305 Controversies in Anterior Segment Surgery
Sponsored by the Journal of Cataract & Refractive Surgery® (JCRS)
Moderators: Nick Mamalis, MD; Sathish Srinivasan, FRCSI, FRCPhtl

SYM-306 The Biggest Cyber-Security Mistakes You Don’t Want to Make: Horror Stories from the Medical Practice Frontlines
Sponsored by the ASCRS Health IT Committee
Moderator: Scott W. Peterson

SYM-307 #EyeConnect Live: Phake News Edition!
Sponsored by the ASCRS EyeConnect Committee
Moderator: Michelle Akler, MD

SYM-308 The Perfect Save – Challenging Cases Managed by International Experts
Sponsored by the International Intraocular Implant Club (IIIC)
Moderators: Eric D. Donnenfeld, MD; Thomas Kohnen, MD, PhD, FEBO

SYM-309 Sexy Contact Lenses
Sponsored by the Contact Lens Association of Ophthalmologists (CLAO)
Moderators: Jessica B. Ciralsky, MD; Deepinder K. Dhaliwal, MD, Lac

SYM-310 Sweating Bullets!
Moderator: Robert H. Osher, MD

ASCRS INSTRUCTIONAL COURSES

Course listings include categories, titles, and lead instructor names. For complete faculty listings and course descriptions, please visit ascrs.org/program18.

IC-300 KERATOREFRACTIVE
Corneal Tomography and Topography for Refractive and Cataract Surgeons
Instructor: David Huang, MD, PhD

IC-301 PRESBYOPIA CORRECTION
Multifocal IOLs: Standards, New Technologies, and Outlook in Future Developments in Europe and the U.S.
Instructor: Gerd U. Auffarth, MD, PhD

IC-302 KERATOREFRACTIVE
Small-Incision Lenticule Extraction: World View
Instructor: Dan Z. Reinstein, MD, FRCSC

IC-303 RETINA
Data-Driven Management of Diabetic Macular Edema for Comprehensive Ophthalmologists
Instructor: Michael W. Stewart, MD

IC-304 CATARACT
Surgical Astigmatism Management for Cataract Patient: Preoperative Planning, Intraoperative Techniques, and Postoperative Planning
Instructor: Kathryn M. Hatch, MD

IC-305 CATARACT
Glued IOLs and the Double-Needle Flange Technique: Intrascleral Haptic-Fixation Methods: Video-Based Course
Instructor: Ashar Agarwal, MD

IC-306 CATARACT
Optimizing Toric IOL Outcomes
Instructor: Ronald Yeoh, MD

IC-307 CATARACT
Anterior Vitrectomy for the Cataract Surgeon—The Road Not Taken
Instructor: Abhay R. Vasavada, MS, FRCS
IC-308 GLAUCOMA
Coexisting Cataract and Glaucoma: Tips for the Uneasy Relationship
Instructor: Ahmad K. Khalil, MD, PhD

IC-309 CORNEA
Ocular Surface Procedures in the Treatment Room
Instructor: Clara C. Chan, MD, FRCSC

IC-310 CATARACT
Fundamentals of Anterior Segment Reconstruction
Instructor: Brandon D. Ayres, MD

IC-311 PRESBYOPIA CORRECTION
Managing Emmetropic Presbyopia: Surgical Techniques of Scleral Micro-Implant Surgery for Bilateral Correction of Near Vision Without Distance Vision Sacrifice
Instructor: Barrie D. Soloway, MD

IC-312 CATARACT
Tackling Posterior Capsule Rupture and IOL Implantation: Video-Based Course
Instructor: Priya Narang, MS

IC-313 CATARACT
Astigmatism Planning and Analysis for Toric IOLs and Refractive Laser Surgery
Instructor: Noel Alpins, MD, FACS

IC-314 CATARACT
Intraocular Lens Placement When Capsule Is Not Normal: Video-Based Course with Practical Advice on How to Assess, Plan, and Learn Advanced Techniques
Instructor: Cathleen M. McCabe, MD

IC-315 CORNEA
Understanding Topography and Corneal Aberrations
Instructor: Warren E. Hill, MD

IC-316 CORNEA
One Donor for 3 Recipients: DALK, DMEK, KLAL
Instructor: Caterina Sarnicola, MD

IC-317 CATARACT
Another New Best Thing? Simplifying Refractive Cataract Surgery
Instructor: Jonathan M. Davidorf, MD

IC-318 CATARACT
Managing Astigmatism in Cataract Surgery
Instructor: Manuel Nicoli, MD

IC-319 KERATOREFRACTIVE
Topography-Guided Ablations in Regular and Irregular Eyes: Didactic and Live Treatment Designing Course
Instructor: A. John Kanellopoulos, MD

IC-320 CATARACT
Accuracy of IOL Power: Latest Update
Instructor: Kenneth J. Hoffer, MD

IC-321 CATARACT
Iris Prostheses in Action: Surgical Tips for Challenging Cases
Instructor: Michael Snyder, MD

IC-322 GLAUCOMA
Achieving Success with Minimally Invasive Glaucoma Surgery
Instructor: Carlos Buznego, MD

IC-323 CORNEA
Endothelial Keratoplasty: DSEK/DMEK/PDEK: Video-Based Course
Instructor: Ashvin Agarwal, MD

IC-324 PRESBYOPIA CORRECTION
Custom Cataract Surgery: Matching IOL Presbyopia Correction to Patient Needs
Instructor: Mark A. Kontos, MD

ASCRS PAPER SESSIONS
SPS-301 CATARACT: Devices & Instrumentation
SPS-302 PRESBYOPIA CORRECTION: EDOF/Comparison Studies
SPS-303 PRESBYOPIA CORRECTION: Corneal Inlays
SPS-304 KERATOREFRACTIVE: Refractive Outcomes: LASIK/PRK/SMILE
SPS-305 CORNEA: Ocular Surface Disease/Limbal Stem Cell Deficiency/MGD Treatments
SPS-306 CORNEA: DALK/K-Pro/Limbal Stem Cell Transplantation
SPS-307 CATARACT: Femtosecond Laser–Assisted Cataract Surgery
SPS-308 CATARACT: Medications: Topical/Intracameral
SPS-309 CORNEA: Corneal Inlays
SPS-310 KERATOREFRATIVE: Refractive Procedures: SMILE/ReLEx
SPS-311 KERATOREFRACTIVE: Refractive Procedures: PiXL/LASIK/Topo-Guided

SPS-312 CATARACT: IOL Power Calculations/Biometry

SPS-313 GLAUCOMA: MIGS

SPS-314 CATARACT: Devices and Techniques

SPS-315 PEDIATRIC: Pediatric Cataract Outcomes

SPS-316 CATARACT: IOLs: Monofocal/Design

SPS-317 KERATOREFRACTIVE: Complications: LASIK/SMILE

SPS-318 KERATOREFRACTIVE: Complications: Ectasia/Infection/Phakic IOLs

SPS-319 CORNEA: Keratoconus: Diagnosis and Treatment Methods

*ASCRS SKILLS TRANSFER LABS

STS-12 MIGS Part A
Instructor: Nir Shoham-Hazon, MD

STS-13 Anterior Vitrectomy
Instructor: Lisa B. Arbisser, MD

STS-14 MIGS Part B
Instructor: Nir Shoham-Hazen, MD

STS-15 Iris Prostheses
Instructor: Michael E. Snyder, MD

ELECTRONIC POSTERS/PRESENTED POSTERS

Posters can be viewed on-demand at kiosks located in the Poster Pavilion and on the ASCRS website.

POSTER PRESENTATIONS AND AWARDS

Glaucoma Posters
Pediatric Posters
Retina Posters

FILMS

Films can be viewed on-demand at kiosks located in the Poster Pavilion and on the ASCRS website.

36TH ANNUAL FILM FESTIVAL RECEPTION AND AWARDS CEREMONY

Hosted by Film Festival Chair, Shachar Tauber, MD

Award winning videos will be shown and a winner and runner-up award will be presented to producers in each category. One overall winner will receive the Grand Prize. The winning films will be shown continuously in the Film Festival Theater on Tuesday, April 17.

*Separate registration and fee required
THE BEST OF ASCRS 2018
GENERAL SESSION

This special wrap-up session will highlight some of the most important and interesting papers presented at the 2018 ASCRS Annual Meeting from among the “Best Paper of Session” winners. Following summary presentations of the best papers, the specialty editors of EyeWorld will debate the conclusions and implications in a free-flowing panel discussion.

MODERATOR

Eric Donnenfeld, MD

PRESENTERS

Oliver Findl, MD
John Hovanesian, MD
Nathan Radcliffe, MD
Richard Tipperman, MD
Blake Williamson, MD

PANELISTS

Reay Brown, MD
David Chang, MD
Edward Holland, MD
Vance Thompson, MD
**TUESDAY, APRIL 17**

**THE BEST OF ASCRS 2018 GENERAL SESSION**

EyeWorld specialty section editors will debate the “Best Paper of Session” winners’ conclusions and implications in a free-flowing panel discussion.

**Moderator:** Eric D. Donnenfeld, MD  
**Speakers:** Oliver Findl, MD; John A. Hovanesian, MD; Nathan M. Radcliffe, MD; Richard Tipperman, MD; Blake Williamson, MD  
**Panel:** Graham D. Barrett, FRANZCO; Reay H. Brown, MD; David F. Chang, MD; Edward J. Holland, MD; Vance Thompson, MD

**ASCRS SYMPOSIA**

**SYM-401 Laser Cataract Surgery: Questions, Answers, Alternatives**  
Moderators: Stephen G. Slade, MD; Vance Thompson, MD

**SYM-402 X-Rounds: Refractive Cataract Surgery to the Max**  
Moderator: Eric D. Donnenfeld, MD

**SYM-403 ALACCSA’s Best of ASCRS – Presented in Spanish**  
Sponsored by the Latin American Society of Cataract and Refractive Surgeons (LASCRS/ALACCSA-R)  
Moderators: Carlos L. Nicoli, MD; Bruna V. Ventura, MD, PhD

**ASCRS INSTRUCTIONAL COURSES**

Course listings include categories, titles, and lead instructor names. For complete faculty listings and course descriptions, please visit ascrs.org/program18.

**IC-401 CORNEA**  
Keratoprosthesis: New Models, Advances and Challenges  
**Instructor:** Jose M. Vargas, MD

**IC-402 RETINA**  
Use of Electroretinography for Subclinical Management of Retinopathies and Maculopathies  
**Instructor:** William E. Sponsel, MD, FACS

**IC-403 CATARACT**  
Perspectives on Fighting Curable World Blindness: Aravind Eye Care System, ASCRS Foundation, Himalayan Cataract Project, Moran Eye Center, Vision Care Seoul & USA  
**Instructor:** Lisa Park, MD

**IC-404 CATARACT**  
Phacoemulsification in Complicated Cases: Simplify the Complex  
**Instructor:** Mahipal S. Sachdev, MD

**IC-405 CATARACT**  
Traumatic Cataract Management: Optimizing Management of These Cases  
**Instructor:** Vaishali Vasavada, MS

**IC-406 CATARACT**  
Automated Capsulotomies  
**Instructor:** Kevin L. Waltz, OD, MD

**IC-407 CATARACT**  
Best of the Best: Update in Advanced Refractive Cataract Surgery  
**Instructor:** Richard L. Lindstrom, MD

**IC-408 CORNEA**  
Recent Advancements in Descemetorhexis Without Endothelial Keratoplasty and Descemet Membrane Endothelial Keratoplasty  
**Instructor:** Emma Davies, MD

**IC-409 CORNEA**  
2018 New Surgical Techniques and Devices – Presented in Russian  
**Instructor:** Elena Vialova, MD

**IC-410 PEDIATRIC**  
Changing Paradigms in Management of Pediatric Cataracts  
**Instructor:** Viraj A. Vasavada, MS

**IC-411 CATARACT**  
Intraocular Lens Power Calculations: When Biometry Is Not Enough  
**Instructor:** Giacomo Savini, MD

**IC-412 CATARACT**  
Optimizing Toric IOL Outcomes  
**Instructor:** Guy Kleinmann, MD

**IC-413 CORNEA**  
Treating Advanced Keratoconus with Bowman Layer Transplantation  
**Instructor:** Isabel Dapena, MD, PhD

**IC-414 KERATOREFRACTIVE**  
Phakic IOLs to Solve High Myopia Refractive Problems: Benefits and Possible Complications  
**Instructor:** Dimitrii D. Dementiev, MD

**IC-415 PRESBYOPIA CORRECTION**  
Techniques for Optimizing Femtosecond and Excimer Laser Performance in Corneal Inlay Implantation  
**Instructor:** Jeffery J. Machat, MD, FRCSC
IC-416 CATARACT
Challenging Situations in Cataract Surgery: Video-Based Presentation
Instructor: Kumar J. Doctor, MD

IC-417 CORNEA
Managing Complications in Lamellar Keratoplasty
Instructor: Rajesh Fogla, MD, FRCS

IC-418 CATARACT
2018 The Best of ASCRS – Presented in Russian
Instructor: Elena Vialova, MD

IC-419 CATARACT
Cutting-Edge IOL Exchange and Repositioning Techniques
Instructor: Alan S. Crandall, MD

IC-420 CATARACT
Managing Preexisting and Postoperative Corneal and Ocular Surface Disorders During Phacoemulsification
Instructor: Namrata Sharma, MD

IC-421 CATARACT
Premium Cataract Surgery in 2018 – Presented in Spanish
Sponsored by the Latin American Society of Cataract and Refractive Surgeons (LASCRS/ALACCSA-R)
Instructor: Virgilio Centurión, MD

IC-422 CATARACT
Astigmatism Management at the Time of Cataract Surgery
Instructor: Ashu Agarwal, MD

IC-423 CATARACT
Phacochop and Prechop
Instructor: Takayuki Akahoshi, MD

IC-424 CATARACT
Intraocular Lens Power Club: Optimized IOL Power Selection
Instructor: Giacomo Savini, MD

IC-425 CATARACT
Best of ASCRS – Presented in Portuguese
Sponsored by the Brazilian Society of Cataract and Refractive Surgery (BRASCRS)
Instructor: Gustavo V. Baptista, MD, PhD

ASCRS PAPER SESSIONS
SPS-401 RUSSIAN PAPER SESSION – Presented in Russian
SPS-402 CATARACT: IOL Power Calculations/Astigmatism Measurements
SPS-403 GLAUCOMA: Surgical Outcomes: MIGS/Combined Procedures
SPS-404 CORNEA: Ocular Surface/Pterygium, AMT
SPS-405 CORNEA: DMEK Technique/Indications
SPS-406 CORNEA: PTK/SMILE/Keratoplasty Techniques
SPS-407 CATARACT: Practice Patterns/Training
SPS-408 PRESBYOPIA CORRECTION: Small-Aperture IOLs/Accommodating IOLs
SPS-409 CATARACT: Secondary IOLs/Surgical Outcomes
SPS-410 CATARACT: Toric IOLs/Power Calculation
SPS-411 CORNEA: Microbial Keratitis: Diagnosis/Treatment/CXL
SPS-412 CATARACT: FLACS: Lens Fragmentation/Complex Cases
SPS-413 CORNEA: Ocular Surface/Corneal Dystrophies

ELECTRONIC POSTERS
Posters can be viewed on-demand at kiosks located in the Poster Pavilion and on the ASCRS website.

FILMS
FILM FESTIVAL THEATER
Winning films from the 2018 Film Festival will be shown in their entirety in theater format throughout the day. Films can also be viewed on-demand at kiosks located in the Poster Pavilion and on the ASCRS website.
Join the American Society of Ophthalmic Administrators in Washington, DC on Friday, April 13.

REGISTER TODAY. LIMITED SEATING.

HANDS-ON TRAINING AND LEADERSHIP WORKSHOPS:

HEALTHCARE THE DISNEY WAY
Explore the growing link between patient satisfaction and reimbursement and learn how delivering a quality patient experience – the Disney Way – is more important than ever before.

DALE CARNEGIE TRAINING
Building a Culture of Engagement: Achieving and Retaining Success
Strengthen your leadership skills and maximize your performance to add value to your organization.

DUKE EYE CENTER—CLINICAL FLOW OPTIMIZATION
Participate in hands-on training with experts to review process improvement methodology that can be utilized to successfully reduce system waste, increase volume and enhance patient and provider experience.

PRACTICE MANAGEMENT BOOT CAMP
Tackle practice management challenges in core areas, from quality measures and government regulations to improving practice performance through flow and efficiency.

COE REVIEW: PART 1
(PART 2 IS SATURDAY, APRIL 14)
Prepare for the Certified Ophthalmic Executive (COE) Exam in this two-day workshop that touches on each of the six knowledge domains and is one of several recommended COE study resources. Attendance does not guarantee passage of the COE Exam.

TIER ONE RATES DEADLINE
WEDNESDAY, JANUARY 24
AnnualMeeting.ascrs.org
ASOA PROGRAM

YOUR DESTINATION FOR:
• A comprehensive practice management educational program
• Networking
• Skills enhancement
• The latest information on new equipment, technology, and techniques

These activities are at the heart of ASOA’s Annual Meeting on Ophthalmic Practice Management.

The American Society of Ophthalmic Administrators is the premier organization dedicated to educating ophthalmic practice administrators and practice management staff. This year, administrators and practice management staff will be able to choose from more than 130 educational courses on an array of topics essential to practice management. These topics include MACRA and MIPS, coding, reimbursement, human resources, information technology, marketing, business operations and many other strategies for successful practice management. This preview program lists courses by day and track so attendees can easily see at a glance all the courses in a track on a given day. This design also provides practice leaders with an effective way to educate staff on topics that directly affect their work.

ASOA PROGRAM: JOINT REGISTRATION

The 2018 meeting offers a joint registration category for those interested in attending both the ASOA and Technicians & Nurses programs. Crossover is easy because the programs are on the same time schedule and on the same floor. Crossover between the ASOA Annual Meeting and Technicians & Nurses program will only be permitted to those registered in the joint registration category. Those registered for either the ASOA or Technicians & Nurses program, but not the joint program, will not be allowed to go between the two programs. Registrants of either category are permitted to attend ASCRS courses, paper sessions and symposia.

HANDOUTS

Course handouts for the ASOA Annual Meeting will be provided via the ASOA web site at www.asoa.org, beginning in March 2018. To properly plan and prepare, please print or download the handouts for the sessions you will attend from the website in advance. Printing of handouts will NOT be available onsite.

FRIDAY, APRIL 13

ASOA WORKSHOPS

Attend specialized hands-on training and leadership workshops designed to increase your leadership skills, improve your confidence and expand your career opportunities. Seating is limited. Register early for your preferred selections. (Separate fees apply.)

COE REVIEW: PARTS 1 & 2

Friday, April 13
8 a.m. – 6 p.m. (includes lunch)

Saturday, April 14
1 – 6 p.m.
Attendee Limit: 65

Prepare for the COE Exam in this two-day workshop that touches on each of the six exam domains and is one of several recommended COE study resources. Attendance does not guarantee passage of the COE Exam.

PRACTICE MANAGEMENT BOOTCAMP

8 a.m. – 5 p.m. (includes lunch)
Attendee Limit: 100


For detailed meeting and program information, visit asoa.org/program18.
**DALE CARNEGIE TRAINING: BUILDING A CULTURE OF ENGAGEMENT – ACHIEVING AND RETAINING SUCCESS**

*8 a.m. – 5 p.m.*

Attendee Limit: 100

Companies with engaged employees outperform the competition by as much as 202 percent, as reported by Gallup. Dale Carnegie understood all about the power of engagement in the workplace long before the term “employee engagement” became fashionable.

Yet, even though we as individuals may place our best foot forward, conflict and other obstacles still exist in the workplace. Conflict situations are frequently complicated and difficult to resolve. By yourself, you may have limited capacity for dealing with the many issues that might be involved. By collaborating with others within and outside of your organization, you can access the experience, expertise, creativity and values of other professionals to bring more success to yourself, and others.

This session is recommended for employees at all levels who seek to maximize their performance, become stronger leaders and add more value to the organization.

**HEALTHCARE THE DISNEY WAY**

*8 a.m. – 5 p.m.*

Attendee Limit: 100

Explore the growing link between patient satisfaction and reimbursement and learn how delivering a quality patient experience – the Disney Way – is more important than ever before.

**DUKE EYE CENTER - CLINICAL FLOW OPTIMIZATION**

*8 a.m. – 5 p.m.*

Attendee Limit: 75

Participate in hands-on training with experts from Duke Eye Center to review process improvement methodology that can be utilized to successfully reduce system waste, increase volume and enhance patient and provider experience. This workshop will provide an understanding of intermediate-level Lean and Six Sigma methodologies and illustrate how they were used to optimize a multi-specialty, multi-site practice (ten locations ranging in sizes from one-to-twenty providers per day). Attendees will discuss how to use process improvement methodology to successfully reduce system waste, increase access and practice financial margin, while enhancing patient and provider experience. It will include hands-on training of how to identify areas for targeted process improvement, review case studies of how to build an improved team-based culture through process improvement design, and demonstration of specific Lean and Six Sigma tools and their role in redesigning your practice. The course will address the important roles that technician training, accountability and educational advancement have in optimizing practice performance. Attendees will also discuss how to translate improvements to additional locations for larger group practices and how to implement lessons learned in launching new initiatives for practices of all sizes.
Fasten your seatbelt and enjoy the ride! Christine Cashen delivers a fast-paced, hilarious program with useful content that makes her a sought-after speaker worldwide. For more than 15 years, she has jazzed an amazing variety of audiences throughout the United States, Canada, South Africa and Australia. Christine is an authority on sparking innovative ideas, handling conflict, reducing stress and energizing employees.
SATURDAY, APRIL 14

ASOA OPENING GENERAL SESSION

STOP GLOBAL WHINING!

KEYNOTE ADDRESS BY CHRISTINE CASHEN

9 – 11 a.m.

The fact is: we are all forced to do more with less – fewer staff, declining resources and 40 hours of stuff to do in a 24-hour day. This can really wear us down! What to do? You can waste energy complaining, but how productive is that?! Be part of the solution!

Christine will share the secret to getting what you want with what you’ve got, and she’ll show you that you have what it takes right now to make a difference in your workplace and your life.

This session is not eligible for CME credit.

ROUNDTABLE DISCUSSIONS

11 a.m. – Noon

One hour of open discussions on various practice management topics. Each table has a facilitator experienced in the topic. Move from topic to topic as you wish.

WRITER’S WORKSHOP AND LUNCHEON

Sponsored by the AE Editorial Advisory Board

11:30 a.m. – 1 p.m.

This luncheon and workshop will equip you with tools for getting published in professional business journals. A panel of experienced and newbie AE writers will share their tips on how to get started, how to build your story or idea into a publishable article, and how to work with journal guidelines and editors. Advanced registration required. Separate fee applies.

ASOA PRACTICE MANAGEMENT COURSES

1:30 – 5 p.m.

Courses are listed by track and title below. For complete faculty listings and course descriptions, please visit the Real Time Program online at asoa.org/program18.

ASOA FEATURED SESSIONS

A4-504 Government 101
Instructor: Nancey McCann

A4-604 Legislative & Regulatory Affairs Update
Instructor: Nancey McCann

ADVANCED ADMINISTRATOR

A4-401 Owner–Management–Employee Alignment
Instructor: Jill R. White, MBA, COE

A4-409 To Merge or Not to Merge: That is the Question
Instructor: Andrew T. Maller, MBA, COE

A4-508 Emotional Intelligence for Exceptional Patient Outcomes
Instructor: Katie Sweeney

A4-609 Coding and Billing Fantasy Camp: It May Not Be What You Are Doing but It’s What You Should Be Doing
Instructor: Ryan Patano, MBA

BUSINESS MANAGEMENT

A4-406 The Feasibility of Adding a Doctor to Your Practice
Instructor: Maureen L. Waddle, MBA

A4-505 Technician Accountability: Maximizing Your Staff’s Performance
Instructor: Amanda P. Mestler, COT

A4-605 Business Case for Improving Clinical Efficiency
Instructor: Elizabeth Holloway, MA, COE, CPSS, PHR

CODING & BILLING

A4-405 2018 Medicare Update
Instructor: E. Ann Rose

A4-507 Nuances of Co-Management
Instructor: Kirk A. Mack, COMT, COE, CPC, CPMA

A4-607 Issues Most Often Found in Diagnostic Test Audits
Instructor: Patricia Kennedy, COMT, CPC, COE

EHR & HEALTH INFORMATION TECHNOLOGY

A4-407 The Dark Side of EHRs: Medical Liability
Instructor: Gerald E. Meltzer, MD

A4-608 Ransomware Checklist: Steps Your Practice Can Take to Protect Itself
Instructor: Charles P. Killmer
HUMAN RESOURCES
A4-404 Finding, Training, and Keeping Technicians
Instructor: Kenneth E. Woodworth Jr., COMT, COE, FASOA
A4-506 Employee Orientation in a Box: How to Implement a Comprehensive Employee Orientation
Instructor: Keith Casebolt
A4-606 Accountable HR: Hiring, Developing, and Firing Effectively
Instructor: Patty K. Casebolt

LEADERSHIP & STRATEGIC MANAGEMENT
A4-403 Using Emotional Intelligence to Effectively Manage Conflict
Instructor: Amy L. White
A4-503 Strengthening Mid-Level Managers: Writing a Development Plan that Holds Managers Accountable and Helps Them Grow Professionally
Instructor: Corinne Z. Wohl, MHSA, COE
A4-603 Accountability 101: Where Do You Fit in the Picture
Instructor: Dianna E. Graves, COMT, OSC

MARKETING & BUSINESS DEVELOPMENT
A4-402 Secrets of Highly Successful Refractive Cataract Surgery Practices
Instructor: John A. Hovanesian, MD
A4-502 How to Maximize Your Refractive Volume in 90-Days
Instructor: Paul M. Stubenbordt
A4-602 Huddle Up: Time to Build Your Team
Instructor: Angel Seymour

RISK MANAGEMENT & COMPLIANCE
A4-408 A Lasik Lawsuit Case Study: Risk Management Takeaways
Instructor: Keith Casebolt
A4-501 Is the Next Whistleblower in Your Practice? Government Enforcement Against Physicians
Instructor: Allison Shuren, MSN, JD
A4-601 Keeping Surgeons Out of Court: Compliance Essentials for Ophthalmology Practices
Instructor: Neil Ekblom, JD

For detailed meeting and program information, visit asoa.org/program18.
MOTIVATING HEALTHCARE TEAMS IN AN ERA OF CHANGE, MORE WORK, AND FEWER RESOURCES

Healthcare is undergoing a profound transformation. Healthcare employees everywhere are being asked to do more with less. As a result, many teams are frustrated, exhausted, and burned out. Now more than ever, healthcare leaders at every level must understand those conditions that lead employees to give their all, care, and try. Drawing on fresh research in employee engagement and workplace psychology, this dynamic presentation teaches leaders clear strategies for getting their teams firing on all cylinders.
SUNDAY, APRIL 15

ASOA SUNDAY GENERAL SESSION:

MOTIVATING HEALTHCARE TEAMS IN AN ERA OF CHANGE, MORE WORK, & FEWER RESOURCES

KEYNOTE ADDRESS BY JOE MULL

8:30 – 10 a.m.

Healthcare is undergoing a profound transformation. Healthcare employees everywhere are being asked to do more with less. As a result, many teams are frustrated, exhausted, and burned out. Now more than ever, healthcare leaders at every level must understand those conditions that lead employees to give their all, care, and try. Drawing on fresh research in employee engagement and workplace psychology, this dynamic presentation teaches leaders clear strategies for getting their teams firing on all cylinders.

ASOA PRACTICE MANAGEMENT COURSES

10:30 – 11:30 a.m.
1:30 – 5 p.m.

ADMINISTRATOR BEGINNER’S CIRCLE (ABC) LUNCHEON

11:30 a.m. – 1 p.m.

A panel of experienced administrators will share their expertise and provide answers to your questions. Must be a current ABC group member to attend. Advanced registration required. Separate fee applies.

ASOA FEATURED SESSIONS

A5-403 Benchmarking to Improve Your Practice’s Bottom Line

A5-605 2018 – The Second Year of MIPS – What You Need to Know to be Successful
Instructor: Nancey McCann

A5-509 Building a Company Culture to Foster Motivated, Effective Employees
Instructor: Tony Sterrett

A5-604 Private Equity: Review the Regulatory Issues and Transactional/Valuation Terms by Experienced Attorneys to Consider when Selling to Private Equity (Part 2)
Instructor: Daniel D. Chambers, MBA, COE

BUSINESS MANAGEMENT

A5-306 Small Practice Management: So Many Hats to Wear!
Instructor: Gretchen W. Kimble, JD

A5-407 Triage from Call Center to Patient Exam
Instructor: Jane T. Shuman, COT, COE, OCS

A5-503 Financial Statements 101: Evaluating the Health of Your Practice
Instructor: Andrew T. Maller, MBA, COE

A5-508 Ophthalmology Practice Buy-Ins and Pay-Outs
Instructor: Mark E. Kropiewnicki, JD, LLM

A5-608 Current Trends in New Associate Employment Agreements
Instructor: Daniel M. Bernick, JD, MBA

CODING & BILLING

A5-304 The Making of a Scribe: Learn It, Do It, Teach It
Instructor: Jane T. Shuman, COT, COE, OCS

A5-406 Surgical Procedure Audit: What’s Missing? What’s Wrong?
Instructor: Patricia Kennedy, COMT, CPC, COE

A5-506 Tips on Audit Proofing Your Practice
Instructor: E. Ann Rose

A5-607 Untangling Retinal Controversies
Instructor: David M. Brown, MD

HUMAN RESOURCES

A5-303 Labor Law Update: Legal Issues Involving Claims of Harassment, Hostile Work Environment, Retaliation, and Other Related Regulations
Instructor: Daniel D. Chambers, MBA, COE

A5-505 From Non-Tech to Tech: Methods of Training When Experienced Techs Are Not Available
Instructor: Jill R. White, MBA, COE

A5-606 Coaching v. Termination: When to Fire and When to Inspire
Instructor: Savory Turman, COMT, OCS

ADVANCED ADMINISTRATOR

A5-504 Private Equity: Listen to the Why and Transition Experience by Panel Members When Practices Sell to PE Firms—Including Impact on the Ophthalmic Practice (Part 1)
Instructor: Daniel D. Chambers, MBA, COE
LUNCH PROGRAMS

LIMITED SEATING.
ADVANCE REGISTRATION REQUIRED.*

**WRITER’S WORKSHOP AND LUNCHEON**
Sponsored by the AE Editorial Advisory Board
**SATURDAY, APRIL 14 | 11:30 a.m.–1 p.m.**
**PRICE: $35**
This luncheon and workshop will help attendees with their professional writing skills. Attendees will participate in writing exercises and leave with tools designed to assist in sharing their ideas and insights.

**ABC LUNCHEON**
**SUNDAY, APRIL 15 | 11:30 a.m.–1 p.m.**
**PRICE: $40**
Join the ABC (Administrator Beginner’s Circle) for lunch with a panel of experienced administrators who will share their expertise and provide answers to your most challenging practice management questions.

**COE LUNCHEON**
Developing Personal Leadership
**MONDAY, APRIL 16 | 11:30 a.m.–1 p.m.**
**PRICE: $55**
All current COEs (Certified Ophthalmic Executives) are invited to register for this innovative lunch program presented by Dale Carnegie Training.

REGISTER TODAY

TIER ONE RATES DEADLINE
**WEDNESDAY, JANUARY 24**

*You must be registered for the ASOA Annual Meeting in order to register for these events. Questions? Contact: asoa@asoa.org*
LEADERSHIP & STRATEGIC MANAGEMENT
A5-305 Creating a Culture of Servant Leadership
Instructor: Savory Turman, COMT, OCS
A5-404 Teaching Skills for Successful Technicians
Instructor: Sharon M. Brown, COT, COE
A5-405 Setting up Successful Middle Management
Instructor: Savory Turman, COMT, OCS
A5-507 25 Hallmarks of Practice Excellence
Instructor: John B. Pinto
A5-603 How to Make Your Operational Priorities Relevant and Engaging Topics for Your Staff
Instructor: Catherine A. Kelly, MA

MARKETING & BUSINESS DEVELOPMENT
A5-302 Measuring What Matters: Create a HIPAA Compliant Patient Satisfaction Survey with Compelling Data
Instructor: Cindy Haskell, COE
A5-402 Social Media Superpowers: Three Things You Must Implement in Your Marketing Strategy
Instructor: Kurtis L. Wankier
A5-501 How to Attract Millennials Through Non-Traditional Advertising
Instructor: David W. Evans, PhD
A5-502 Managing Provider Networks
Instructor: Ayda Said

RISK MANAGEMENT & COMPLIANCE
A5-401 Compliance Plans: Keeping It Simple
Instructor: Ellen Adams, MBA, COMT

SUB-SPECIALTIES (AMBULATORY SURGERY CENTER, OPTICAL, RETINA, COSMETICS, HEARING, ETC.)
A5-307 What is Due When Again?? Meeting the Everchanging Requirements
Instructor: Tina J. DiMarino, MSN, RN
A5-408 What Every Practice Administrator (and Optician) Should Know About the Retail Selling Process
Instructor: Arthur De Gennaro
A5-609 Reimbursement Challenges and Mandatory Quality Reporting in Your ASC
Instructor: Crissy Benze, MSN, BSN, RN

A5-601 Let’s Talk About the Money: Gaining Confidence in Presenting Self-Pay Choices in Refractive Cataract Surgery
Instructor: Stacey S. Koch
A5-602 Using Google Analytics to Track Marketing Success
Instructor: Devin Butler
GET CERTIFIED

EARN THE COE

The National Standard for Ophthalmic Practice Management

COE Review*

PART 1  Friday, April 13
8 a.m.–6 p.m.

PART 2  Saturday, April 14
1–6 p.m.

Prepare for the COE Exam in this two-day workshop that touches on each of the six exam domains and is one of several recommended COE study resources. Attendance does not guarantee passage of the COE Exam.

COE Exam*

Tuesday, April 17
8–11:30 a.m.

Earn your COE credential by passing this written exam.

Registration Deadline: Thursday, March 29. No onsite registration.

*You must be registered for the ASCRS•ASOA Annual Meeting to register for the review course or exam.

More details to follow:
ANNUALMEETING.ASCRS.ORG

REGISTER TODAY

Seating is limited. Separate registration fees apply.

BOOST TRACK

The BOOST (Business of Ophthalmology Standards) track is a selection of ASOA Practice Management Courses that provide physicians with essential business education to maximize the efficiency of their practice.

TOPICS INCLUDE:

- Business Management and Strategies
- Human Resources and Teamwork
- Electronic Health Records and Information Technology
- Coding and Reimbursement
- Risk Management and Compliance

There are no additional fees to attend the BOOST track courses. CME credit is provided for ASOA Practice Management Courses.
MONDAY, APRIL 16

ASOA PRACTICE MANAGEMENT COURSES
8:00 – 11:30 a.m.
1:30 – 5 p.m.

CERTIFIED OPHTHALMIC EXECUTIVE (COE) LUNCHEON
11:30 a.m. – 1 p.m.
Join fellow COEs for an innovative lunch program presented by Dale Carnegie Training. Must be a current COE to attend. Advanced registration required. Separate fee applies.

ASOA FEATURED SESSIONS
A6-204 Private Equity: A Discussion
Instructor: Daniel D. Chambers, MBA, COE

A6-304 2018 – The Second Year of MIPS – What You Need to Know to be Successful (Repeat)
Instructor: Nancye McCann

A6-409 Public Speaking: Not the Kiss of Death (Part 1)
Instructor: William T. Koch, COA, COE, CPC

A6-509 Public Speaking: Not the Kiss of Death (Part 2)
Instructor: William T. Koch, COA, COE, CPC

ADVANCED ADMINISTRATOR
A6-105 Beyond Patient Workup: Using Technicians’ Skills in New Ways
Instructor: Amy V. Jost, COMT, CCRC, OSC

A6-401 Understanding Personality Types to Enhance Engagement
Instructor: Darryl Fairley

A6-404 Private Equity in Eye Care: Perspectives and Panel Discussion
Instructor: Kenneth E. Woodworth Jr., COMT, COE, FASOA

A6-505 Beyond Benchmarking: Implementing Fact-Based Practice Improvements
Instructor: John B. Pinto

A6-507 It’s Your Call: Handling Patient Phone Calls Effectively to Drive Practice Growth
Instructor: Ben Seals, MBA

BUSINESS MANAGEMENT
A6-109 Expand Your Practice to Stay Competitive and Meet the Growing Demand Using SBA Financing
Instructor: Marianne Markowitz, MBA

A6-205 Practice Valuations: Understanding the Valuation Process and How to Use It in Business Transactions
Instructor: Andrew T. Maller, MBA, COE

A6-208 Changing the Culture and Improving Your Office Flow
Instructor: Thomas M. Corcoran

A6-209 Shareholder Compensation Models for Today’s Practices
Instructor: Maureen L. Waddle, MBA

A6-303 Utilization Analysis and Benchmarking
Instructor: Stephen C. Sheppard, CPA, COE

A6-308 Integrating Physician Assistants as Providers in Ophthalmology Practices: Keys to Cost Containment, Sustainable Growth, and Marketplace Demands
Instructor: Mary Sue Jacka, MBA, COE, FASOA

A6-407 Do I Have the Right Number of Staff? Benchmarks and Volumes to Drive Staffing Models
Instructor: Maureen L. Waddle, MBA

A6-608 What Your Practice (and Related Entities) Agreements Should Say About Governance, Termination, Buy-Out and More
Instructor: Mark E. Kropiewnicki, JD, LLM

CODING & BILLING
A6-107 Co-Management: Getting It Right
Instructor: E. Ann Rose

A6-207 Internal Chart Auditing (Part 1)
Instructor: Mary Pat Johnson, COMT, COE, CPC, CPMA

A6-306 Internal Chart Auditing (Part 2)
Instructor: Mary Pat Johnson, COMT, COE, CPC, CPMA

A6-405 Lost Revenue: Auditing Doesn’t Just Reveal Over-Billing
Instructor: Patricia Kennedy, COMT, CPC, COE

A6-504 Practice Management Pearls About Cataract Surgery
Instructor: Paul M. Larson, MBA, COE

A6-605 Medicare Reimbursement and Coding Quandaries
Instructor: E. Ann Rose
ASOA Celebration

SUNDAY, APRIL 15 •  8 P.M.–MIDNIGHT
620 T ST. NW •  WASHINGTON, DC
PRIVATE EVENT - ASCRS•ASOA BADGE REQUIRED FOR ADMISSION
The Howard Theatre

620 T ST. NW •  WASHINGTON, DC
SUNDAY, APRIL 15 •  8 P.M.–MIDNIGHT
PRIVATE EVENT - ASCRS•ASOA BADGE REQUIRED FOR ADMISSION
EHR & HEALTH INFORMATION TECHNOLOGY
A6-408 How to Keep Your Patients’ Data Off the Dark Web
Instructor: Renee C. Bovelle, MD

HUMAN RESOURCES
A6-206 Identifying and Developing Trainers
Instructor: Elizabeth Holloway, MA, COE, CPSS, PHR
A6-301 Shhhh! Effective Listening Skills for Counselors to Maximize Your LASIK & Premium IOL Conversion
Instructor: Michael W. Malley
A6-305 Understanding and Managing Sexual Harassment, Hostile Work Environment, and Other Interpersonal Boundary Violations
Instructor: Craig N. Piso, PhD
A6-506 Lessons Learned from Employee Satisfaction Surveys
Instructor: Elizabeth Holloway, MA, COE, CPSS, PHR
A6-606 Nonverbal Communication: What It Is and How It Influences Staff Interaction, Management Communication, Patient Care, and More
Instructor: Allison J. Gilmore, MBA, COE

LEADERSHIP & STRATEGIC MANAGEMENT
A6-103 Practice Mergers and Acquisitions: Cultural, Historical, and Leadership Factors to Ensure More Effective Integration and Long-Term Viability
Instructor: Craig N. Piso, PhD
A6-108 Incentives, Rewards, PTO? How to Best Motivate Your Staff
Instructor: Coni Sweeney Fisher, MS, COE
A6-203 Effective Leadership: How to Inspire, Lead, and Retain Your Employees
Instructor: Paul M. Stubenbordt
A6-307 Practice Succession Planning: Private Equity v. Traditional Pathways
Instructor: John B. Pinto
A6-406 Successfully Managing a Difficult Conversation by Using Effective Feedback
Instructor: Elizabeth Holloway, MA, COE, CPSS, PHR
A6-503 Essential Negotiation Skills and Techniques
Instructor: Shawn Khan, MD, MBA
A6-603 Succession Planning for Your Practice: A Strategic Approach to Prepare for Transitioning Physicians
Instructor: Dixon Davis, MBA, MHSA
A6-609 Establishing and Leading by the Core Values in Your Office
Instructor: Jennifer Messina

MARKETING & BUSINESS DEVELOPMENT
A6-101 Discover Your Distinction and Become the Practice of Choice
Instructor: Jim Flynn
A6-102 Is Your Practice Ready to Grow? Developing a Plan for Expansion, Evolution, and Extension
Instructor: Julie A. Ransom Chaney, MPH, OSC
A6-201 Text Me About LASIK… Don’t Call Me! How Millennials Proved They Prefer Texting v. Calling in Their Response to LASIK Marketing
Instructor: Michael W. Malley
A6-202 Create a Sustainable Customer Service Culture
Instructor: Keith Casebolt
A6-302 Telling Your Practice’s Unique Story Through Dynamic Marketing Tactics and Better Branding: All While Positioning You for Greater Success!
Instructor: Kristy Rooney, MA
A6-402 Mastering Marketing Follow-Up & Patient Conversion: Hidden Gems that Are Missing in Your Call Center Training, Counselor Sessions, and Follow-Up Tactics
Instructor: Michael W. Malley
A6-502 Innovating the Patient Experience: Five Ways Private Practices Create Raving Fans
Instructor: Cindy Haskell, COE
A6-601 Can I Get Some Help Over Here?
Instructor: Ryan Patano, MBA
A6-602 Bringing the WOW to Your Patient’s Journey
Instructor: Carrie Hanson Huete
RISK MANAGEMENT & COMPLIANCE

A6-104 Getting Your Docs Onboard: Practical Strategies to Achieve and Maintain Physician Engagement in Compliance
Instructor: Zachary Smith, MHSA, COE

A6-106 Sleep Easier: Creating an Annual Compliance Checklist from the Perspective of an Attorney Turned Ophthalmic Executive
Instructor: Parker Redman, JD, MA

A6-403 HIPAA and You
Instructor: Gerald E. Meltzer, MD

A6-501 Conducting Internal Chart Audits: Keeping Your Practice on Track
Instructor: Laurie K. Brown, MBA, COMT, COE

A6-604 What You Need to Know About Chart Requests, Chart Reviews, and Audits: There Is a Difference
Instructor: William T. Koch, COA, COE, CPC

SUB-SPECIALTIES (AMBULATORY SURGERY CENTER, OPTICAL, RETINA, COSMETICS, HEARING, ETC.)

A6-110 Avoiding ASC Liability Related to Scope of Practice
Instructor: Regina Boore, RN, BSN, MS, CASC

A6-210 Only the Strong Survive: An ASC Development Case Study
Instructor: Regina Boore, RN, BSN, MS, CASC

A6-309 Adding Minimally Invasive Glaucoma Surgery (MIGS) to the Practice
Instructor: John P. Berdahl, MD

A6-508 ASC: Ask the Experts Panel
Instructor: Todd D. Albertz

A6-608 Finding Efficiency, Regulation Automation, and Cost Control in a Modern ASC
Instructor: Anish Kapur, MD

TUESDAY, APRIL 17

ASOA PRACTICE MANAGEMENT COURSES
8:00 – 11:30 a.m.

BUSINESS MANAGEMENT

A7-102 R.A.C.E. (Refining Aging and Collections Efforts) to Improve Revenue Cycle Management Workflow
Instructor: Mary Pat Johnson, COMT, COE, CPC, CPMA

A7-202 Do’s & Don’ts Before and After a Ransomware Attack: How Not to Lose Your Practice
Instructor: Renee C. Bovelle, MD

A7-301 Designing/Developing a Successful Ophthalmic ASC
Instructor: John A. Marasco, AIA, NCARB

CODING & BILLING

A7-101 Evaluating and Implementing New Technology in Your Practice
Instructor: Paul M. Larson, MBA, COE

A7-201 Claim Denials: What Causes Them and How to Manage Them?
Instructor: Lovell Davis, MHA, CPC, CRCS, CMBS

LEADERSHIP & STRATEGIC MANAGEMENT

A7-203 Navigating Change: Framework for Diagnosing and Changing Personal Behavior and Organizational Culture
Instructor: Shawn Khan, MD, MBA

A7-302 Using Coaching Skills for Competent and Efficient Teams
Instructor: Rhonda S. Ellis, DBA

MARKETING & BUSINESS DEVELOPMENT

A7-104 Near, Intermediate, and Distant Cataract Marketing Strategies All Successful Practices Take Between June 1st and November 30th
Instructor: Michael W. Malley

A7-204 Helping Each Generation Feel Seen, Heard, and Cared for When Entering Your Practice
Instructor: Megan Mestas

A7-303 Ethical Upselling: Improving Laser and Premium Lens Upgrades
Instructor: Ed Syring, III

For detailed meeting and program information, visit asoa.org/program18.
ASCRS•ASOA MEETINGS APP

AVAILABLE MARCH 13!

YOU CAN:

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Add ASCRS•ASOA events of interest to your personalized schedule.

Browse exhibitor listings and view exhibit hall maps.

View related conference information and receive updates on current programming and events.

WANT MORE? YOU CAN ALSO:

View and take notes on programming and exhibitors.

View a comprehensive list of ongoing events.

Use social media by seeing a feed for certain hashtags.

Receive targeted alerts for important events.

More details to follow:
ANNUALMEETING.ASCRS.ORG
REGISTRATION CATEGORIES

ASCRS MEMBER
An MD, PhD or DO who is a current member of ASCRS. Registration fee does not include annual membership dues. (Note: An MD, PhD or DO who is a member of ASOA-only must join ASCRS and pay appropriate membership dues.)

U.S. YOUNG PHYSICIAN
An MD or DO who is in their first five years of practice. No onsite registration.

U.S. RESIDENT/FELLOW
An MD or DO who is currently in a residency or fellowship program. In addition to your registration, email a current letter of verification from your department chair to registration@ascrs.org. Your registration will not be complete until your documentation is received. All residency/fellowship documentation must be received by March 29, 2018. No onsite registration.

INTERNATIONAL RESIDENT
An MD or DO who is currently in a residency program. Age cannot exceed 35. In addition to your registration, email a current letter of verification from your department chair and a copy of a picture ID with proof of birth date to registration@ascrs.org. Your registration will not be complete until your documentation is received. All residency documentation must be received by March 29, 2018. No onsite registration.

INTEGRATED EYECARE OPTOMETRIST
Optometrists (ODs) can register under this category only and must certify employment by one of the following:

- Ophthalmologist
- Medical school (not a college of optometry)
- Managed-care provider
- Military
- Industry/manufacturer
- Corporate center (TLC, LCA, etc.)

Attendance at or participation in ASCRS and ASOA Annual Meeting programs, events, courses, presentations or other activities does not qualify an optometrist to perform surgery, does not qualify as continuing medical education and does not justify claims to surgical expertise or licensure.

ASOA MEMBER/NONMEMBER
Practice administrator or other practice management staff; ASOA consultant and vendor members. Physicians cannot register in this category.

TECHNICIANS & NURSES
Ophthalmic assistants, technicians, technologists and nurses. Physicians cannot register in this category.

JOINT ASOA/TECHNICIANS & NURSES
Applies to those interested in attending both the ASOA and Technicians & Nurses programs. Crossover between the ASOA and Technicians & Nurses programs will be permitted only for those registered in the joint registration category. Those registered for either the ASOA or Technicians & Nurses program, but not the joint program, will not be allowed to go between the two programs. Registrants of either category are permitted to attend ASCRS courses, paper sessions and symposia.

INDUSTRY REPRESENTATIVE
Manufacturers and other corporate personnel who do not have exhibit space but wish to attend the Annual Meeting. No solicitation is permitted. This includes attendees who plan on attending the exhibit hall only. Physicians cannot register in this category.

GUEST
Guests 21 years of age and over are required to pay a registration fee. Fee includes badge, printed program, exhibit hall entrance, ASCRS•ASOA Launch Party, ASOA Celebration and the Film Festival Awards Ceremony. Members, potential members or staff cannot register in this category. Entrance into sessions/courses is not included.

PRESS
For registration information, please contact press@ascrs.org.

Please note that ASCRS membership dues must be current through April 30, 2018 and are not included in the registration fee. ASOA program does not require membership. International Residents must pay international membership dues.
**REGISTRATION TIER DEADLINES**

**TIER 1:**
PRESENT–JANUARY 24, 2018

**TIER 2:**
JANUARY 25–MARCH 29, 2018

**TIER 3:**
MARCH 30–ON SITE

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### 2018 ASCRS ANNUAL MEETING

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<th>ASCRS “ALL ACCESS PASS”*</th>
<th>CAT.#</th>
<th>TIER 1</th>
<th>TIER 2</th>
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<tr>
<th>ASCRS PROGRAM (SATURDAY–TUESDAY)</th>
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<td>U.S. Young Physician (In year 1-5 of practice)</td>
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<tr>
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*ASCRS “All Access Pass” Registration covers all ASCRS programming, including the additional Friday Subspecialty (ASCRS Glaucoma Day, ASCRS Refractive Day and Cornea Day) Program. Optional programming such as skill transfer sessions are not included in the All Access Pass.*
## 2018 ASCRS Annual Meeting

<table>
<thead>
<tr>
<th>ASCRS Subspecialty Day (Friday Only)</th>
<th>CAT.#</th>
<th>TIER 1</th>
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<th>TIER 3</th>
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<td>U.S. Military Physician</td>
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<tr>
<td>U.S. Young Physician (In year 1-5 of practice)</td>
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<td>(Integrated Eyecare Optometrist, Technician, Nurse, Physician Assistant, Administrator)</td>
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<tr>
<td>Industry Representative</td>
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## 2018 ASOA Annual Meeting

<table>
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<tr>
<th>ASOA Programming (Saturday–Tuesday)</th>
<th>CAT.#</th>
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<tr>
<td>ASOA Member</td>
<td>9</td>
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<td>ASOA Non-Member</td>
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<td>11</td>
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## 2018 ASOA Workshops

(Requires Annual Meeting Registration)

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<th>ASOA Member</th>
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<tbody>
<tr>
<td>Practice Management Bootcamp (Friday)</td>
<td>$350</td>
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<tr>
<td>Dale Carnegie Training Workshop (Friday)</td>
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</tr>
<tr>
<td>Healthcare the Disney Way Workshop (Friday)</td>
<td>$350</td>
</tr>
<tr>
<td>Duke Eye Center - Clinical Flow Optimization Workshop (Friday)</td>
<td>$350</td>
</tr>
<tr>
<td>COE Review, Parts 1 &amp; 2 (Friday &amp; Saturday)</td>
<td>$400</td>
</tr>
<tr>
<td>COE Exam (Tuesday)</td>
<td>No onsite registration permitted. Must pre-register by March 29, 2018</td>
</tr>
</tbody>
</table>
2018 ASOA ANNUAL MEETING

2018 ASOA LUNCH PROGRAMS
(Requires Annual Meeting Registration)

<table>
<thead>
<tr>
<th>TIER 1</th>
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</thead>
<tbody>
<tr>
<td>Writer’s Luncheon and Workshop (Saturday)</td>
<td>$35</td>
<td>$35</td>
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<tr>
<td>ABC Luncheon and Program (Sunday)</td>
<td>$40</td>
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<tr>
<td>COE Luncheon and Program (Monday)</td>
<td>$55</td>
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TECHNICIANS & NURSES PROGRAM

T&N PROGRAMMING (SATURDAY–MONDAY)

<table>
<thead>
<tr>
<th>CAT.#</th>
<th>TIER 1</th>
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<td>Joint ASOA/Technicians &amp; Nurses</td>
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<td>Technicians &amp; Nurses</td>
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T&N ADDITIONAL PROGRAMMING

<table>
<thead>
<tr>
<th>TIER 1</th>
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</thead>
<tbody>
<tr>
<td>T&amp;N Tech Talks</td>
<td>$65</td>
<td>$65</td>
</tr>
</tbody>
</table>
JOIN US AT THE INDUSTRY SPOTLIGHT THEATER

For the second year ASCRS•ASOA will offer a series of scheduled product-focused corporate educational sessions (non-CME) in the exhibit hall. These sessions will provide attendees with overviews and comparisons across several different ophthalmic product categories.

<table>
<thead>
<tr>
<th>MODERATOR</th>
<th>SESSION</th>
<th>DATE &amp; TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Lewis, MD</td>
<td>MiGs: The Evolving Surgical World of Glaucoma</td>
<td>Saturday, April 14, 12:15–1:15 p.m.</td>
</tr>
<tr>
<td>Vance Thompson, MD</td>
<td>Laser Vision Correction Advances in 2018</td>
<td>Saturday, April 14, 2:00–3:00 p.m.</td>
</tr>
<tr>
<td>Robert Weinstock, MD</td>
<td>Femtosecond Laser and Other Automated Capsulotomy Technologies</td>
<td>Sunday, April 15, 9:30–10:30 a.m.</td>
</tr>
<tr>
<td>Robert Osher, MD</td>
<td>Cataract Surgery Small Instruments and Devices</td>
<td>Sunday, April 15, 11:00 a.m.–12:00 p.m.</td>
</tr>
<tr>
<td>Gerald Meltzer, MD</td>
<td>Electronic Health Records—Where Do We Go From Here?</td>
<td>Sunday, April 15, 12:15–1:15 p.m.</td>
</tr>
<tr>
<td>Mitchell Weikert, MD</td>
<td>OR Suites, Guidance, Intraoperative Aberrometry</td>
<td>Sunday, April 15, 1:30–2:30 p.m.</td>
</tr>
<tr>
<td>Richard Tipperman, MD</td>
<td>Phacoemulsification Systems for Cataract Surgery Part I</td>
<td>Monday, April 16, 9:30–10:30 a.m.</td>
</tr>
<tr>
<td>Elizabeth Yeu, MD</td>
<td>Ocular Surface Disease Management in 2018 and Beyond Part I</td>
<td>Monday, April 16, 10:40–11:40 a.m.</td>
</tr>
<tr>
<td>John Vukich, MD</td>
<td>Presbyopia Correction Part I</td>
<td>Monday, April 16, 11:50 a.m.–12:50 p.m.</td>
</tr>
<tr>
<td>Richard Tipperman, MD</td>
<td>Phacoemulsification Systems for Cataract Surgery Part II</td>
<td>Monday, April 16, 1:00–2:00 p.m.</td>
</tr>
<tr>
<td>John Vukich, MD</td>
<td>Presbyopia Correction Part II</td>
<td>Monday, April 16, 2:15–3:15 p.m.</td>
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<tr>
<td>Elizabeth Yeu, MD</td>
<td>Ocular Surface Disease Management in 2018 and Beyond Part II</td>
<td>Monday, April 16, 3:30–4:30 p.m.</td>
</tr>
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</table>

Please reference the ASCRS•ASOA Real Time Program for the latest updates.

Dates: Saturday, April 14 - Monday, April 16

Location: Exhibit Hall, Back of the 1200 Aisle
1. REGISTRATION & BADGE INFORMATION

<table>
<thead>
<tr>
<th>FIRST NAME</th>
<th>M.I.</th>
<th>LAST NAME/FAMILY NAME</th>
<th>DEGREE AND/OR CERTIFICATION</th>
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<td>ZIP</td>
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<tr>
<td>BUSINESS TELEPHONE</td>
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Integrated Eyecare Optometrist – All optometrists (ODs) must complete the following before the registration form can be processed.

I certify that my employment situation falls into one of the following categories: employed by an ophthalmologist, a medical school (not a college of optometry), a managed-care provider, the military, industry/manufacturer, a corporate center (TLC, LCA, etc).

NAME AND ADDRESS OF EMPLOYER (PLEASE PRINT):

I understand and agree that my attendance at or participation in the Integrated Eyecare Program and in ASCRS or ASOA Annual Meeting programs, events, presentations, or other activities does not qualify me to perform surgery and does not justify claims to surgical expertise or licensure.

SIGNATURE: DATE:

2. REGISTRATION FEES

<table>
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<tr>
<th>PROGRAMMING</th>
<th>CAT.#</th>
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<td>ASCRS “All Access Pass”</td>
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<td>ASCRS Program</td>
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<tr>
<td>ASOA Writer's Luncheon and Workshop</td>
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<tr>
<td>ASOA ABC Luncheon and Program</td>
<td>N/A</td>
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<tr>
<td>Joint ASOA/Technicians &amp; Nurses Program</td>
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<tr>
<td>Technicians &amp; Nurses Program</td>
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<td>T&amp;N Tech Talks</td>
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3. MEMBERSHIP DUES

Registration fee does not include ASCRS or ASOA annual membership dues.

NOTE: If you are registering as an ASCRS member, dues must be current through April 30, 2018. Add membership dues to your registration if your membership expires prior to this date.

ASCRS Membership Dues U.S. (1-Year Membership) $495
ASCRS Membership Dues International (1-Year Membership)* $295
ASOA Membership Dues (1-Year Membership) $345
ASOA Consultant/Vendor Member Dues (1-Year Membership) $425
ASCRS U.S. Resident/Fellow* Complimentary

*Proof of residency required for U.S. residents/fellows and international residents. Submit proof with registration to registration@ascrs.org.

4. GUEST FEE $180

Must be a guest of a registered attendee. Limit 2 guests per registered attendee. Guests 21 years of age and over are required to pay a registration fee. ASCRS•ASOA and Cornea Society assume no liability for guests. All guests are the sole responsibility of the registered attendee.

GUEST NAME

5. PAYMENT METHOD (U.S. FUNDS ONLY)

Payment Must Accompany Registration Form

ASCRS•ASOA is hereby authorized to adjust registration charges originally paid via mail, phone or Internet using my credit card if the amount originally paid was deficient or excessive by charging or crediting my credit card account and providing a mailed notice of the adjustment.

Check (Payable to ASCRS—mailed to address listed above)

Wire Transfer (Email registration@ascrs.org for details):

Bank processing fees must be included in the payment for completion of registration. All funds must be received by March 29, 2018 (or you must register on site by cash or credit card).

Credit Card: □ MasterCard □ VISA □ AMEX □ Discover

CARDHOLDER SIGNATURE

NAME OF CARDHOLDER (PLEASE PRINT)

Cancellation/Refund Policy

All cancellations and requests for refunds must be in writing and received no later than March 29, 2018. A handling fee of $150.00 will be deducted from each cancelled registration. The membership dues portion of the registration fee is nonrefundable. No REFUNDS will be given after March 29, 2018.
Register your team today for the American Society of Ophthalmic Administrators (ASOA) Annual Meeting with access to these benefits and more:

- Crossover access to 1,300 ASCRS and ASOA presentations and online post-meeting resources
- Comprehensive education for every level of practice management staff, diverse roundtable discussions, one-on-one consultations, and important legislative and industry updates.
- Exhibit Hall entry—three days to interact with ophthalmic service and product vendors
- Premier networking lounge, daily events and celebrations
- Opportunity to earn COE credits

ASCRS•ASOA also offers a Joint ASOA/Technicians and Nurses Program registration category that allows participants to attend the Practice Management Program for COE credits and the Technicians & Nurses Program for JCAHPO® credits. For more information, visit AnnualMeeting.ascrs.org.

ASOA Program April 14–17 | T&N Program April 14–16
Participate in this interactive forum, which features 10-minute presentations submitted and presented by technicians/nurses/ophthalmic photographers to an audience of their peers. A “People’s Choice” ribbon will be awarded to the ‘Most Interesting Presentation,’ as voted on by the audience.

REGISTRATION FEE: $65
One registration per form. Copy form if necessary.

TYPE OR PRINT CLEARLY

FIRST NAME  LAST NAME/FAMILY NAME  M.I.  DEGREE

PRACTICE NAME

BUSINESS MAILING ADDRESS

BUSINESS MAILING ADDRESS

CITY  STATE  ZIP  COUNTRY

BUSINESS TELEPHONE  FACSIMILE  EMAIL (REQUIRED)

PAYMENT METHOD (U.S. FUNDS ONLY)
Payment must accompany Registration Form.

ASCRS•ASOA is hereby authorized to adjust registration charges originally paid via fax, phone, or Internet using my credit card if the amount originally paid was deficient or excessive by charging or crediting my credit card account and providing a mailed notice of the adjustment.

Total Amount $

WAYS TO REGISTER

ONLINE
AnnualMeeting.ascrs.org

MAIL
ASCRS•ASOA 2018
107 Waterhouse Road
Bourne, MA 02532

Note: If you are unable to register online, please mail your registration and check

ASSISTANCE
ASCRS•ASOA is ADA compliant. A registrant who requires special accommodations should contact ASCRS•ASOA at (703) 591-2220.

PAYMENT METHOD
Credit Card:  □ MasterCard  □ VISA  □ AMEX  □ Discover

CREDIT CARD NUMBER

EXPIRATION DATE  SECURITY CODE

CARDHOLDER SIGNATURE

NAME OF CARDHOLDER (PLEASE PRINT)
The International Joint Commission on Allied Health Personnel in Ophthalmology (IJCAHPO) is pleased to sponsor the Technicians & Nurses Program, April 14-16 at the Walter E. Washington Convention Center, Washington, DC. IJCAHPO is the national certifying agency for allied ophthalmic personnel. Certification is available at 3 levels: assistant, technician, and medical technologist, along with subspecialty certifications available for surgical assisting, ultrasound biomicroist, diagnostic sonographer, scribe certification, and corporate assistant. In pursuit of its mission, IJCAHPO also provides education and services for allied ophthalmic personnel.

In addition to the IJCAHPO-sponsored Technicians & Nurses Program, ATPO (Association of Technical Personnel in Ophthalmology) is offering COA/COT/COMT Certification Exam Review Sessions and Train the Trainer on Friday, April 13, 2018, at the Walter E. Washington Convention Center. For more information, please see the registration form and fees included in this Meeting Preview.

Further information regarding the Technicians & Nurses Program, ATPO’s Certification Exam Review Sessions, and Train the Trainer, or IJCAHPO certification, is available by calling IJCAHPO at (800) 284-3937 or visiting jcahpo.org.

Attendees do not register by session. They can choose to attend individual courses from either of the two sessions, each day. There are no individual tickets sold for courses; your badge allows access to the programs.

A joint registration category is available for those interested in attending both the ASOA and Technicians & Nurses programs. Crossover between the ASOA and Technicians & Nurses programs will be permitted to those registered in the joint registration category only. Those registered solely for either the ASOA or Technicians & Nurses program will not be allowed to crossover. All registrants in either category are welcome to attend the ASCRS program.

CONTINUING EDUCATION CREDIT

The Technicians & Nurses Program has been IJCAHPO approved. Credits awarded appear in the Final Program. A maximum of 21 (Group A) credits are available for this program.

Additionally, allied ophthalmic personnel can earn continuing education credits in Group B by attending physician courses/symposia/paper sessions at ASCRS that are designated for **AMA PRA Category 1 Credit™**. The following restrictions apply: COAs and COTs receive 1 credit for 2 hours attended; COMTs receive 1 credit for 1 hour attended.

The Technicians & Nurses Program has been submitted for approval to award CA BRN, OPS and AOC credits.

Program Sponsored by IJCAHPO
SATURDAY, APRIL 14

SESSION A

TNC-101 Disaster Strikes! Prepare, Respond, Then Face the Music
Diana Hatsis, BSN, RN, COT

TNC-102 We See It All in the Triage Clinic
Jacqueline Pullos, COMT, OSC

TNC-103 Testing for Premium IOLs with OCT and Topography
Sponsored by the Ophthalmic Photographers’ Society (OPS)
Sarah Armstrong, CRA, OCT-C, FOPS
Faculty: Kenneth L. Cohen, MD

TNC-104 Beyond Patient Workup: Using Technicians’ Skills in New Ways
Mary Pat Johnson, COMT, COE, CPC, CPMA

TNC-105 What?! I Have an Rx Check?
Sergina M. Flaherty, COMT, OSC

TNC-106 The Dawn of OCT-A: Is Sodium Fluorescein Angiography Dead?
Denice A. Barsness, CRA, COMT, CDOS, ROUB

TNC-107 Repair and Maintenance of Phoropters
Jeffery Hunter, COT

SESSION B

TNC-108 Preparing for Joint Commission Accreditation
Sponsored by The Joint Commission
Lynette E. Mundey, MD

TNC-109 Anesthesia in the ASC
Caren Cajares, DNP, CRNA

TNC-110 Cataract and Micro-Invasive Glaucoma Surgery
Rahul T. Pandit, MD

TNC-111 Updates on Minimally Invasive Glaucoma Surgery
Michael D. Patterson, DO

TNC-112 Novel Surgical Guidance System and Laser-Assisted Technologies
Jonathan D. Solomon, MD

TNC-113 What is This? Ocular Findings in Systemic Disease
Michael W. Stewart, MD

TNC-114 The Debate Over Prophylactic Antibiotic Use During Cataract Surgery
Michael W. Stewart, MD
Faculty: Neal H. Shorstein, MD

SUNDAY, APRIL 15

SESSION A

TNC-201 CUDE: Compassionate Use Device Exemptions
Michael E. Snyder, MD

TNC-202 Comparing Diagnostic Function and Structure Tests and Use of Electrophysiology Results for Subclinical Treatment Changes
Joanne Yawn, COT
Faculty: William E. Sponsel, MD, FACS

TNC-203 The Importance of Pre-Operative Measurements for IOL Calculations
Amy V. Jost, COMT, CCRC, OSC

TNC-204 Optimizing Patient Flow for Technicians & Nurses
Andrew M. Livingston, COA, MS

TNC-205 Cases That Tell a Story
Timothy Bennett, CRA, OCT-C, FOPS

TNC-206 Toric and Presbyopia-Correcting IOLs: Dealing with Patients — Financial and Legal Ramifications
Kirk A. Mack, COMT, COE, CPC, CPMA

TNC-207 A to Z in Ophthalmology
Craig Simms, BSc, COMT, ROUB, CDOS

SESSION B

TNC-208 ASC Survey Trends and How to Achieve Compliance
Jan Allison, RN, CHSP

TNC-209 Impeccable Service in an ASC
Nikki Hurley, RN, MBA, COE

TNC-210 Basic Principles for a Successful Quality Assurance and Performance Improvement Program
Jan Allison, RN, CHSP

TNC-211 Environmental Sustainability in Your ASC — Reducing the Footprint of Care
Cassandra L. Thiel, PhD

TNC-212 What You Need to Know About Current Diagnosis and Treatment of Dry Eye
Stephen S. Lane, MD

TNC-213 The Red Eye
Mark A. Rolain, MD

TNC-214 ReLEx SMILE
Edward E. Manche, MD
Save the date!

Saturday, April 14, 2018
7:00 AM – 9:30 AM

Walter E. Washington Convention Center

SCHEDULE AT A GLANCE

MicroSurgical Technology (MST)
Complex Cataract Cases, The Simple Truths VI
Registration: 8:00 – 8:30 AM
Program: 8:30 – 9:30 AM

New World Medical
New Horizons in Goniotomy
Registration: 8:00 – 8:30 AM
Program: 8:30 – 9:30 AM

OCULUS Inc.
Preoperative Planning to Optimize Cataract and Refractive Outcomes in Challenging Cases
Clinical Use of the Holladay Report on the Pentacam for Cataract and Refractive Surgery
Registration: 7:00 – 7:30 AM
Program: 7:30 – 9:30 AM

More to come ...

Registration now open!

Visit meetings.eyeword.org for program updates

CME credit is not available for Corporate Mornings programs.
MONDAY, APRIL 16

SESSION A
TNC-301 Slit-Lamp Exams: What Can a Tech Do? A Lot!
Wendy M. Ford, COMT, FCLSA, NCLEM

TNC-302 IOL Calculations
Jack T. Holladay, MD, MSEE

TNC-303 Ultrasound for the Diabetic Patient
Craig Simms, BSc, COMT, ROUB, CDOS

TNC-304 Difficult Physician-Patient Relationships
Hans K. Bruhn, MHS

TNC-305 The Spectrum of Retinal Imaging
Timothy Bennett, CRA, OCT-C, FOPS

TNC-306 Making a Difference: Working with Your Patient Toward a Happy Clinical Result
Dianna E. Graves, BS Ed, COMT, OSC

TNC-307 How a Technician is Key to Proper Billing and Coding
Patricia Kennedy, COMT, CPC, COE

SESSION B
TNC-308 Research Ready? Preparing Your Practice for Clinical Trial Participation
Daniel H. Chang, MD
Faculty: Jacqueline Whinery, COA, CCRC, OSC, OCS; Vance Thompson, MD; Keeley Puls, COA, CCRC

TNC-309 Sterilization Quality Control for the Ambulatory Surgery Center
Craig Wallace

TNC-310 You Saw What? A Curious Compendium of Ocular Oddities
William H. Ehlers, MD

TNC-311 Presbyopia Update
John T. LiVecchi, MD, FACS

TNC-312 IOL Options in the Presence of Capsular Tears
George H. Beiko, BM, BCh

TNC-313 Emergency Preparedness Updates for the Medicare Certified ASC
Elethia Dean, RN, PhD

TNC-314 Compliance in the Ophthalmic ASC in 2018
Elethia Dean, RN, PhD
Among the topics to be covered in these sessions are:

- Updates on diagnosing and treating the ocular surface, including dry eye disease and meibomian gland disease
- New developments in glaucoma medical and surgical treatment options
- LACS: Tips and pearls for current users
- Maximizing presbyopia-correcting outcomes
- Successfully integrating toric IOLs and improving results and patient satisfaction
- Mastering phaco dynamics, fluidics, power, and nuclear disassembly
- Modern laser vision correction
- A discussion on recent developments in anti-inflammatory therapeutic treatments

These non-CME, ASCRS-authorized educational programs will provide timely and important information on:

- Microinvasive Glaucoma Surgery

EyeWorld Corporate Events are directly developed by industry and hosted by EyeWorld. These non-CME meetings provide valuable information on new products, procedures, and applications of existing products. Included among the topics discussed in these sessions are:

- Live surgery
- New developments in surgical instrumentation
- Growing the overall size of the premium IOL market
- Considerations in the selection of a premium IOL
- New developments in laser vision correction
- Advanced IOL technology
- Discussion of technological advances and breakthroughs in cataract surgery
- Update on crosslinking
- Advances in diagnostic and imaging equipment

Topics are subject to change.
These courses are meant to be a general review and are not designed to provide initial instruction in content areas. They are intended for those who anticipate taking a certification examination in the near future. They are not courses for recertification credits. Course fees include all course materials and IJCAHPO CE credits. A processing fee of $50.00 will be applied to all refunds. No refunds will be granted after April 4, 2018. Please check IJCAHPO’s website for certification updates (jcahpo.org).

COA WRITTEN EXAM REVIEW
8:00–11:00 a.m.
Basic knowledge of eye anatomy and physiology with a minimum of one year in ophthalmology. IJCAHPO COA content areas will be reviewed and discussed in classroom format with the use of a PowerPoint presentation, ending with a question and answer session.

Registration Fee
ATPO Member: $75/Nonmember: $160

REGISTRATION DEADLINE: APRIL 4, 2018

COT WRITTEN EXAM REVIEW
8:00 a.m.–noon
IJCAHPO COT content areas will be reviewed and discussed in classroom format with the use of a PowerPoint presentation, ending with a question and answer session. COA certification required, unless participant is a student enrolled in a COT program. Verification from the program director will be required.

Credits: 3.75 A IJCAHPO

Registration Fee
ATPO Member: $90/Nonmember: $175

COT WRITTEN EXAM REVIEW
7:30 a.m.–noon
IJCAHPO COMT content areas will be reviewed and discussed in classroom format with the use of a PowerPoint presentation, ending with a question and answer session. COA certification required, unless participant is a student enrolled in a COMT program. Verification from the program director will be required.

Credits: 4.25 A IJCAHPO

Registration Fee
ATPO Member: $95/Nonmember: $180

ATPO® TRAIN THE TRAINER COURSE
8:00 a.m.–4:00 p.m.
Learn the practical skills to create and deliver an effective, engaging training presentation in an ophthalmic environment, with real life strategies to help you deliver with confidence. Whether you train occasionally or full-time, one-on-one or in groups, this course will get you started, or bolster the techniques you are already using.

Registration Fee
ATPO Member: $150/Nonmember: $200

PAYMENT METHOD (U.S. FUNDS ONLY)
Payment must accompany Registration Form. You must be a member of ATPO to qualify for the member rate

☐ ATPO Membership Fee $75.00
☐ COA Review Course (ATPO Member: $75/Nonmember: $160)
☐ COT Review Course (ATPO Member: $90/Nonmember: $175)
☐ COMT Review Course (ATPO Member: $95/Nonmember: $180)
☐ Train the Trainer (ATPO Member: $150/Nonmember: $200)

☑ CHECK (Payable to JCAHPO—mail to address above)

☐ VISA ☐ MasterCard ☐ Discover ☐ AMEX

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Expiration Date ____________ Security Code ____________

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City/State/Zip ____________________________________________

Total Amount Paid: ____________________________

IJCAHPO is hereby authorized to adjust registration charges originally paid with a credit card via fax or Internet if the amount originally paid was deficient or excessive. The credit card account will be charged or credited and the cardholder will be provided with a notice of the adjustment.

REGISTRATION FORM (Checks must be made payable to JCAHPO)
Please PRINT clearly using blue or black ink.

NAME PROFESSIONAL CREDENTIALS

ATPO MEMBER #/IJCAHPO ID#

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BUSINESS MAILING ADDRESS

CITY STATE ZIP

FAX PREFERRED EMAIL ADDRESS

PRACTICE/BUSINESS

ADDRESS HOME TELEPHONE

CITY STATE ZIP

FAX BUSINESS EMAIL ADDRESS

Mail Registration to: IJCAHPO • 2025 Woodlane Drive • St. Paul, MN 55125-2998 | Online Web Registration: www.jcahpo.org | Facsimile: (651) 731-0410
ASCRS•ASOA has designated onPeak as the official housing management company for the 2018 Annual Meeting. We have negotiated a special but limited availability room rate with the Washington, DC hotels. We urge you to act now to secure your accommodations through onPeak.

Because hotel rooms are available via the Internet, ASCRS•ASOA has not blocked the same number of rooms as in the past. We encourage you to make hotel reservations early.

**HOTEL RESERVATIONS**

Reservations can be made online or by phone. Agents are available to answer questions and process reservations Monday to Friday, 9 a.m.–8 p.m. ET.

**ONLINE**

- ascrs.org/gethousing

**PHONE**

- (800) 370-8282 U.S. Toll-Free
- (312) 527-7300 Local/International

**EMAIL**

- ASCRS-ASOA@onpeak.com

**HOTEL ACKNOWLEDGEMENTS**

Confirmations will be emailed within 72 hours of receiving your reservation request.

**CANCELLATIONS**

Payment Guarantee: No charges are incurred at the time of booking, however, a payment guarantee is required to hold your reservation in the amount of one night’s stay at the confirmed hotel plus current tax of up to 14.5%.* The hotel will charge payment to the credit card provided upon check-in. Please refer to your confirmation for full details, which may vary per hotel.

Cancellation Policy: Reservations cancelled less than seven days from the confirmed check-in date or not cancelled at all (no-show) are subject to loss of deposit. Please refer to your reservation confirmation for full policy details, which may vary per hotel.

*Note: City and local tax rates are subject to change.

**SUITES**

Attendees can request information on sleeping suite availability by contacting onPeak.

Requests for suites for purposes other than sleeping must go through the ASCRS•ASOA office. Contact the Meetings Department by phone, (703) 591-2220, or email affiliatemeetings@ascrs.org.

**TRAVEL**

ASCRS•ASOA has negotiated discounted rates for travel to and from the meeting. More information will continually be made available at AnnualMeeting.ascrs.org.

**VISA INFORMATION**

For information on visa procedures, visit AnnualMeeting.ascrs.org.
RESERVATIONS

Contact onPeak directly to book your rooms within the official hotel block and/or with any questions:

Online: ascrs.org/gethousing  |  Phone: (800) 370-8282  |  Email: ascrs-asoa@onpeak.com

1  Cambria Suites Washington, DC / Convention Center
   899 O St. NW
   $279-$289 Single/Double

2  Capitol Hilton
   1001 16th St. NW
   $327 Single/Double

3  Comfort Inn Convention Center – Downtown DC
   1201 13th St. NW
   $239 Single/Double

4  The Darcy, Curio Collection by Hilton
   1515 Rhode Island Ave. NW
   $261 Single/Double

5  Embassy Suites Washington, DC – Convention Center
   900 10th St. NW
   $339-$359 Single/Double

6  Fairfield Inn & Suites by Marriott
   Washington, DC / Downtown
   500 H St. NW
   $309 Single/Double

7  Fairmont Washington, DC, Georgetown
   2401 M St. NW
   $299 Single/Double

8  Grand Hyatt Washington
   1000 H St. NW
   $327-$392 Single/Double

9  Hamilton Hotel
   1001 14th St. NW
   $303 Single/Double

10 Hampton Inn DC Convention Center
    901 6th St. NW
    $299 Single/Double

11 Henley Park Hotel
    926 Massachusetts Ave. NW
    $329 Single/Double

12 Hilton Garden Inn Washington, DC – Downtown
    815 14th St. NW
    $317 Single/Double

13 Homewood Suites Washington DC Convention Center
   465 New York Ave. NW
   $299-$319 Single/Double

14 Hyatt Place Washington DC/White House
   1522 K St. NW
   $309 Single/Double

15 Hyatt Place Washington DC/National Mall
   400 E St. SW
   $299 Single/Double

16 Hyatt Place Washington DC/US Capitol
   33 New York Ave., NE
   $214 Single/Double

17 Hyatt Regency Washington on Capitol Hill
   400 New Jersey Ave. NW
   $294 Single/Double

18 JW Marriott
   1331 Pennsylvania Ave. NW
   $332 Single/Double

19 Kimpton Donovan Hotel
   1155 14th St. NW
   $339 Single/Double

20 Kimpton Mason & Rook Hotel
   1430 Rhode Island Ave. NW
   $359 Single/Double

21 Kimpton Hotel Monaco Washington DC
   700 F St. NW
   $399 Single/Double

22 Kimpton Hotel Palomar Washington DC
   2121 P St. NW
   $329 Single/Double

23 Madison Hotel
   1177 15th St. NW
   $309 Single/Double

24 Marriott Marquis Washington DC
   901 Massachusetts Ave. NW
   $327 Single/Double

25 The Mayflower Hotel
   1127 Connecticut Ave. NW
   $321 Single/Double

26 Morrison-Clark Inn
   1011 L St. NW
   $339 Single/Double

27 Pod Hotel DC
   627 H St. NW
   $299 Single/Double

28 Renaissance Washington DC Hotel
   999 9th St. NW
   $327 Single/Double

29 Ritz Carlton Washington DC
   1150 22nd St. NW
   $509 Single/Double

30 Sofitel Washington DC Lafayette Square
   806 15th St. NW
   $389 Single/Double

31 The St. Regis Washington DC
   923 16th St. NW
   $535 Single/Double

32 Trump International Hotel, Washington DC
   1100 Pennsylvania Ave. NW
   $495 Single/Double

33 W Hotel Washington DC
   515 15th St. NW
   $379 Single/Double

34 Washington Court Hotel
   525 New Jersey Ave. NW
   $319 Single/Double

35 Washington Marriott Georgetown
   1221 22nd St. NW
   $305 Single/Double

36 Washington Marriott at Metro Center
   775 12th St. NW
   $316 Single/Double

37 Washington Plaza Hotel
   10 Thomas Cir. NW
   $302-$325 Single/Double

38 Westin Washington DC City Center
   1400 M St. NW
   $289 Single/Double

39 The Wink
   1143 New Hampshire Ave. NW
   $305 Single/Double

For updated hotel information please visit annualmeeting.ascrs.org/2018-housing-travel.
JOIN US
FOR THE ASCRS•ASOA
LAUNCH PARTY

The ASCRS•ASOA Launch Party provides an opportunity for all attendees to come together and celebrate the kick-off of the 2018 Annual Meeting.

Network with colleagues, friends and mentors and enjoy hors d’oeuvres, beer and wine.

More details to follow:
ANNUALMEETING.ASCRS.ORG
The current exhibiting companies for Subspecialty Day at the 2018 ASCRS•ASOA Annual Meeting are listed below. For a full list of companies with addresses, contact numbers, products and services, and exhibit hall locations, go to AnnualMeeting.ascrs.org.

<table>
<thead>
<tr>
<th>Company</th>
<th>Products/Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AERIE PHARMACEUTICAL, INC</strong></td>
<td>Glaucoma Treatment</td>
</tr>
<tr>
<td><strong>ALCON</strong></td>
<td>Cataract Surgery; Diagnostic Equipment; Glaucoma Devices; Intraocular Lenses; Medical Devices; Refractive Systems</td>
</tr>
<tr>
<td><strong>ALLERGAN, INC.</strong></td>
<td>Dry Eye Products; Glaucoma Treatment; Medical Devices; Pharmaceutical Products; Retinal Implants</td>
</tr>
<tr>
<td><strong>ALLERGAN SURGICAL</strong></td>
<td></td>
</tr>
<tr>
<td><strong>BAUSCH + LOMB</strong></td>
<td>Intraocular Lenses; Ophthalmic Instruments; Pharmaceutical Products; Refractive Systems; Surgical Instruments</td>
</tr>
<tr>
<td><strong>BIO-TISSUE</strong></td>
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<tr>
<td><strong>CARECREDIT</strong></td>
<td>Patient Financing</td>
</tr>
<tr>
<td><strong>CORNEA SOCIETY</strong></td>
<td>Education/Training; Non-Profit Organization</td>
</tr>
<tr>
<td><strong>DIOPSIS, INC.</strong></td>
<td>Diagnostic Equipment; Glaucoma Devices; Low Vision Products; Medical Devices; Ophthalmic Instruments; Vision Testing Systems</td>
</tr>
<tr>
<td><strong>ELLEX</strong></td>
<td>Cataract Surgery; Laser/Laser Services; Medical Equipment; Refractive Systems; SLT Lasers; Ultrasound Equipment</td>
</tr>
<tr>
<td><strong>GLAUKOS CORPORATION</strong></td>
<td>Glaucoma Devices; Glaucoma Treatment</td>
</tr>
<tr>
<td><strong>IRIDEX</strong></td>
<td>Laser/Laser Services</td>
</tr>
<tr>
<td><strong>KONAN MEDICAL USA</strong></td>
<td>Diagnostic Equipment; Medical Devices; Ophthalmic Instruments</td>
</tr>
<tr>
<td><strong>LUMENIS-VISION</strong></td>
<td>Cataract Surgery; Diagnostic Equipment; Glaucoma Devices; Laser/Laser Services</td>
</tr>
<tr>
<td><strong>MALLINCKRODT PHARMACEUTICALS</strong></td>
<td>Pharmaceutical Products</td>
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<tr>
<td><strong>NEW WORLD MEDICAL, INC.</strong></td>
<td>Glaucoma Devices; Glaucoma Treatment; Medical Devices; Sclera; Surgical Instruments</td>
</tr>
<tr>
<td><strong>NOVABAY PHARMACEUTICALS, INC.</strong></td>
<td>Pharmaceutical Products</td>
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<tr>
<td><strong>NOVARTIS PHARMACEUTICALS</strong></td>
<td>Dry Eye Products; Glaucoma Pressure; Glaucoma Treatment</td>
</tr>
<tr>
<td><strong>OCULUS, INC.</strong></td>
<td>Diagnostic Equipment</td>
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<tr>
<td><strong>OCuSOFT INC.</strong></td>
<td>Dry Eye Products; Nutriceuticals; Pharmaceutical Products; Punctal Occluders; Research &amp; Development</td>
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<td><strong>SAN DIEGO EYE BANK</strong></td>
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<tr>
<td><strong>SHIRE</strong></td>
<td>Pharmaceutical Products</td>
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<tr>
<td><strong>SIGHTLIFE SURGICAL</strong></td>
<td>Corneal Tissue; Dry Eye Products; Medical Devices</td>
</tr>
<tr>
<td><strong>STAAR SURGICAL</strong></td>
<td>Glaucoma Devices; Intraocular Lenses; IOL Delivery System; Lens Injection Systems; Medical Devices; Viscoelastics</td>
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<tr>
<td><strong>VISION SHARE</strong></td>
<td>Corneal Tissue</td>
</tr>
<tr>
<td><strong>ZEISS</strong></td>
<td>Cataract Surgery; Diagnostic Equipment; Intraocular Lenses; Ophthalmic Instruments; Refractive Systems; Surgical Equipment</td>
</tr>
</tbody>
</table>
The current exhibiting companies for the 2018 ASCRS•ASOA Annual Meeting are listed below with their product/service categories. ASCRS•ASOA is extremely grateful for the constant dedication and support of our corporate participants as they are the reason that ASCRS•ASOA represent some of the most innovative and dynamic thinking in ophthalmology, and the products and services they showcase are an important part of the cumulative educational experience.

For a full list of companies with addresses, contact numbers, products and services, and exhibit hall locations, go to AnnualMeeting.ascrs.org.

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Products/Services</th>
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<tbody>
<tr>
<td>Aaren Scientific, Inc</td>
<td>Intraocular Lenses; IOL Delivery System</td>
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<tr>
<td>Acufocus Inc.</td>
<td>Corneal Inlay; Diagnostic Equipment</td>
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<tr>
<td>AdvancedMD</td>
<td>Computer Software; Electronic Medical Records; Practice Management; Revenue Cycle Management</td>
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<tr>
<td>Advice Media/MedNet Technologies</td>
<td>Internet Marketing; Marketing; Patient Education; Video; Web Marketing; Web Site Design Services</td>
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<tr>
<td>Aerie Pharmaceutical, Inc</td>
<td>Glaucoma Treatment</td>
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<tr>
<td>Akorn, Inc.</td>
<td>Phacoemulsification Products</td>
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<tr>
<td>Alchimi A. S.R.L.</td>
<td>Corneal Transplant Instrumentation; Medical Devices; Retinal Implants; Solutions</td>
</tr>
<tr>
<td>Alcon</td>
<td>Cataract Surgery; Diagnostic Equipment; Glaucoma Devices; Intraocular Lenses; Medical Devices; Refractive Systems</td>
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<tr>
<td>Alleran Medical Affairs</td>
<td>Pharmaceutical Products</td>
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<tr>
<td>Alimera Sciences</td>
<td>Retinal Implants</td>
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<tr>
<td>Allergan Medical Affairs</td>
<td>eyPharmaceutical Products</td>
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<tr>
<td>Allergan, Inc.</td>
<td>Dry Eye Products; Glaucoma Treatment; Medical Devices; Pharmaceutical Products; Retinal Implants</td>
</tr>
<tr>
<td>Alphaeon Credit</td>
<td>Consulting Services; Patient Financing</td>
</tr>
<tr>
<td>Alphavision, Inc.*</td>
<td>Aberrometers; Cataract Surgery; Corneal Marking; Corneal Topography Systems; Diagnostic Equipment; Keratorefractive Test</td>
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<tr>
<td>Altaire Pharmaceuticals, Inc.</td>
<td>Dry Eye Products; Pharmaceutical Products</td>
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<td>American Academy of Ophthalmic Executives (AAOE)</td>
<td>Practice Management</td>
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<tr>
<td>American Academy of Ophthalmology</td>
<td>Education/Training; Non-Profit Organization; Patient Education; Practice Management; Publication</td>
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<tr>
<td>Appasamy Associates</td>
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<tr>
<td>ASCRS Clinical Surveys</td>
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<tr>
<td>ASCRS*ASOA</td>
<td>Accrediting Organization; Charitable Organization; Education/Training; Non-Profit Organization; Publication</td>
</tr>
<tr>
<td>Asico</td>
<td>Cannulas; Cataract Surgery; Disposable Supplies; Ophthalmic Instruments; Ophthalmic Knives; Surgical Instruments</td>
</tr>
<tr>
<td>Ast Products, Inc.</td>
<td>Cataract Surgery; Disposable Injectors; Intraocular Lenses; IOL Delivery System; Lens Injection Systems; Medical Devices</td>
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<tr>
<td>AUROLAB</td>
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</tr>
<tr>
<td>Aurora Surgical, LLC</td>
<td>Cannulas; Cataract Surgery; Ophthalmic Instruments; Surgical Instruments; Trephines</td>
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<tr>
<td>Avedro, Inc.</td>
<td>Corneal Cross-Linking; Medical Devices; Pharmaceutical Products; Refractive Systems</td>
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<tr>
<td>Avelleino Labs</td>
<td>Bai Shun Medical Instruments Factory; Cataract Surgery; Intracorneal Lenses; LASIK Supplies; Ophthalmic Instruments; Surgical Instruments</td>
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<tr>
<td>Bausch + Lomb</td>
<td>Intraocular Lenses; Ophthalmic Instruments; Pharmaceutical Products; Refractive Systems; Surgical Instruments</td>
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<tr>
<td>Beaver-Visitec International, Inc.</td>
<td>Cannulas; Dry Eye Products; Ophthalmic Instruments; Ophthalmic Knives; Ophthalmic Safety Knife; Surgical Instruments</td>
</tr>
<tr>
<td>Benjamin Biomedical</td>
<td>Cataract Surgery; Compact Intuitive Phaco System; Endoscopy Repair/Rebuild Services; Medical Devices; Ophthalmic Instruments; Phacoemulsification Products</td>
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<tr>
<td>Bioniko</td>
<td>Education/Training; Research &amp; Development</td>
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<tr>
<td>Bio-Tissue</td>
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<tr>
<td>Blephex</td>
<td>Dry Eye Products; Medical Devices</td>
</tr>
<tr>
<td>Blythe Medical</td>
<td>Biologics; Corneal Transplant Instrumentation; Dry Eye Products; Human Tissue Allograft; PRK &amp; LASIK Supplies; Spears/Fluid Control</td>
</tr>
<tr>
<td>Brevium, Inc.</td>
<td>Appointment Reminders; Communication Technology; Computer Software; Marketing</td>
</tr>
<tr>
<td>Brueder Healthcare</td>
<td>Dry Eye Products; Surgical Instruments</td>
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</tbody>
</table>
BRYN MAWR COMMUNICATIONS, LLC
Publisher

BSM CONSULTING
Business Management; Consulting Services; Practice Consulting; Practice Management; Professional Tools; Staff Training

CAL TRAY
Surgical Instruments; Surgical Supplies

CAMBRIAN MEDICAL INC.
Capsular Tension Rings; Cataract Surgery; Corneal Maker; Intraocular Lenses; Ophthalmic Knives; Surgical Instruments

CARECLOUD
Electronic Medical Records; Patient Management; Practice Management; Revenue Cycle Management

CARECREDIT
Patient Financing

CEATUS MEDIA GROUP LLC.
Internet Marketing; Marketing; Patient Education; Web Marketing; Web Site Design Services

CHECKEDUP
Computer Software; Computer Systems; Education/Training; Patient Education; Practice Management; Practice Sales

CHONA SURGICAL CO.
Cataract Surgery; Ophthalmic Instruments; Surgical Instruments

CILITA LTD
Cataract Surgery; Corneal Maker; Medical Devices; Phacoemulsification Products; Surgical Instruments

CIMA TECHNOLOGY, INC.
Capsular Tension Rings; Intraocular Lenses; Viscoelastics

CLEARWAVE CORPORATION
Computer Software; Patient Flow Consultant; Patient Information Materials; Patient Management; Solutions; Workflow Optimization

COMPU LINK BUSINESS SYSTEMS, INC.
Computer Software; Electronic Medical Records; Practice Management; Revenue Cycle Management

CORNEA SOCIETY
Education/Training; Non-Profit Organization

CORONET MEDICAL TECHNOLOGIES
Corneal Transplant Instrumentation; Ophthalmic Instruments; Surgical Disposables; Surgical Instruments; Trophines

CRESTPOINT MANAGEMENT
Disposable Supplies; Hand-Held Instrument; Ophthalmic Instruments; Ophthalmic Knives; Surgical Disposables; Surgical Instruments

CRESTPOINT MANAGEMENT
Disposable Supplies; Hand-Held Instrument; Ophthalmic Instruments; Ophthalmic Knives; Ophthalmic Safety Knife; Surgical Instruments

CSO SRL
Corneal Topography Systems; Diagnostic Equipment; Glaucoma Pressure; Ophthalmic Instruments; Refractive Systems

D J APPL E LAB*
Clinical Research Organization; Education/Training; Intraocular Lenses; Laboratory Services; Product Development; Viscoelastics

D J APPL E LAB*
Clinical Research Organization; Education/Training; Intraocular Lenses; Laboratory Services; Product Development; Viscoelastics

DAVLONG BUSINESS SOLUTIONS
Electronic Medical Records; Practice Management; Revenue Cycle Management

DESIGNER DRUGS COMPOUNDING PHARMACY
Cataract Surgery; Compounded Ophthalmic Formulations; Compounded Pharmaceuticals; Pharmaceutical Products

DEXTA CORPORATION
Surgical Stretchers; Surgical Tables & Stools

DG H TECHNOLOGY, INC.
A-Scans; Diagnostic Equipment; Measurement Equipment; Ultrasound Equipment

DIAMATRIX LTD.
Diamond Scallops; Ophthalmic Instruments; Ophthalmic Knives; Ophthalmic Safety Knife; Pupil Expansion Device; Sutures

DIOPSIS, INC.
Diagnostic Equipment; Glaucoma Devices; Low Vision Products; Medical Devices; Ophthalmic Instruments; Vision Testing Systems

DOCTORSOFT
Electronic Medical Records

EAGLE LABS
Cannulas; LASIK Supplies; Ophthalmic Instruments; Ophthalmic Knives; Ophthalmic Safety Knife; Spears/Fluid Control

ECKERT WORDELL
Architectural Design; ASC Facility Design; Facility Design; Healthcare Facility Design; Interior Planning; Office/ASC Design & Planning

ECLIPSE LOUPES*
LED Light Source; Loupes

ELLEX
Cataract Surgery; Laser/Laser Services; Medical Equipment; Refractive Systems; SLT Lasers; Ultrasound Equipment

ELLMAN, A CYNOSURE COMPANY
Medical Devices; Medical Equipment; Surgical Equipment

EPSILON USA
Hand-Held Instrument; Surgical Supplies; Viscoelastics

ESCRS
Education/Training

EXCEL OPTICS (P) LIMITED
Capsular Tension Rings; Corneal Inlay; Intracorneal Lenses; Intraocular Lenses; Ocular Implants; Viscoelastics

EXCELLENT HI-CARE PVT LTD*
A-Scans; Intraocular Lenses; IOL Delivery System; Ophthalmic Instruments; Ophthalmic Safety Knife; Phacoemulsification Products

*New exhibitor
EYE CARE AND CURE
Lacrimal Products; Low Vision Products; Ophthalmic Instruments; Pharmaceutical Products; Surgical Instruments; Surgical Supplies

EYE CARE LEADERS
Business Management; Electronic Medical Records; Financial Services; Practice Management; Revenue Cycle Management; Workflow Optimization

EYE DESIGNS, LLC
Architectural Design; Exam Room Furniture/Equipment; Facility Design; Optical Dispensary Management; Optical Displays; Patient Flow Consultant

EYE ECO INC.
Dry Eye Products; Frames/Sunglasses; Lid & Lash Cleansers; Lid & Lash Hygiene

EYE PHOTO SYSTEMS INC
Cataract Surgery; Digital Imaging Systems; Research & Development; Video Imaging Recording

EYEMON MEDICAL INC.
Capsular Tension Rings; Disposable Injectors; Intraocular Lenses; Viscoelastics

EYEMAX
Advertising Specialty; Consulting Services; Marketing; Practice Consulting; Staff Training; Web Marketing

EYEMD EMR HEALTHCARE SYSTEMS, INC.
Computer Software; Digital Imaging Systems; Electronic Medical Records

EYEOL UK LIMITED
Capsular Tension Rings; Healon Family of OVS; Intraocular Lenses; IOL Delivery System; Presbyopia Correction

EYEWORLD FILM BOOTH
Education/Training; Marketing; Publication; Publisher; Video

FASHION OPTICAL DISPLAYS
Exam Room Furniture/Equipment; Interior Planning; Office/ASC Design & Planning; Optical Displays

FAST TRACK MARKETING
Advertising Specialty; Consulting Services; Marketing

FCI OPHTHALMICS
Capsular Tension Rings; Dry Eye Products; Lacrimal Products; Ophthalmic Instruments; Orbital Implants; Retinal Implants

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Cannulas; Disposable Supplies; LASIK Supplies; PRK & LASIK Supplies; Spears/Fluid Control; Surgical Disposables

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ifa united i-tech, INC
Electronic Medical Records; Health Information Platform

IMPRIMISRX
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IRIDEX
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JCAHPO
Certifying Agency; Education/Training; Staff
Training

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Microkeratome Blades; Surgical Instruments

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Cannulas; Cataract Surgery; Glaucoma Devices; Glaucoma Treatment; IOL Delivery System; Ophthalmic Knives

KATENA
Biologics; Hand-Held Instrument; Human Tissue Allograft; Ophthalmic Instruments; Punctum Plugs; Trephines

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Dry Eye Products

LACRIVERA
Dry Eye Products; Punctal Occluders; Punctum Plugs

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Compounded Ophthalmic Formulations

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Cataract Surgery; Intraocular Lenses; IOL Delivery System

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Charitable Organization; Non-Profit Organization

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Cataract Surgery; Corneal Cross-Linking; Glaucoma Treatment; Laser/Laser Services; Medical Devices; SLT Lasers

LIONS EYE INSTITUTE FOR TRANSPLANT & RESEARCH*
Corneal Tissue; Sclera

LKC TECHNOLOGIES
Diagnostic Equipment; Medical Devices; Rapid Point of Care Diagnostics Tests

LOMBART INSTRUMENT
Diagnostic Equipment; Digital Imaging Systems; Exam Room Furniture/Equipment; Hand-Held Instrument; Refractive Systems; Vision Testing Systems

LUMENIS-VISION
Cataract Surgery; Diagnostic Equipment; Glaucoma Devices; Laser/Laser Services

M&S TECHNOLOGIES INC.
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MACUHEALTH*
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Pharmaceutical Products

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MEDICEL AG
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MEDICONTUR INTERNATIONAL
Cataract Surgery

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Intraocular Lenses; IOL Delivery System

MIRACLES IN SIGHT
Corneal Tissue; Dry Eye Products; Education/Training; Non-Profit Organization; Research & Development; Sltara

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Pharmaceutical Products

NOVARTIS PHARMACEUTICALS
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OCULAR SCIENCE
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OCULAR THERAPEUTIX
Cataract Surgery; Ocular Hydrogel Bandage; Punctum Plugs

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Pharmaceutical Products; Surgical Supplies
OPHTEC
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OPHTHALMIC PHOTOGRAPHERS’ SOCIETY EXHIBIT

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OPHTHALMOLOGY TIMES / UBM
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OPTOQUEST
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Publisher

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PHYSIOL
Cataract Surgery

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PINPOINT OPTICS
Cataract Surgery; Frames/Sunglasses; Low Vision Products; Post-Op Sunglasses & Kits; PRK & LASIK Supplies; Protective Eye Guards

PLUS SURGICALS*
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Disposable Supplies; Microscopes; Surgical Equipment; Video

PRN PHYSICIAN RECOMMENDED NUTRICEUTICALS
Dry Eye Products; Macular Degeneration; Nutriceuticals

PROMEDICA INTERNATIONAL*
Clinical Research Organization

QUANTEL MEDICAL
A-Scans; Diagnostic Equipment; Glaucoma Treatment; Laser/Laser Services; SLT Lasers; Ultrasound Equipment

QUEST MEDICAL, INC
Balloon Catheters; Lacrimal Products; Manufacturing; Medical Devices; Ophthalmic Instruments; Product Development

QUIDEL CORPORATION*
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Intraocular Lenses; IOL Delivery System

REFOCUS GROUP
Presbyopia Correction; Refractive Systems

REICHERT INC.
Ophthalmic Instruments; Refractive Systems; Vision Charts

RENDIA
Patient Education

RET, INC.
Cataract Surgery; IOL Delivery System

REVIEWS OF OPHTHALMOLOGY
Education/Training; Publication

REVISION OPTICS
Corneal Inlay

RUMEX INTERNATIONAL CO.
Cataract Surgery; Corneal Transplant Instrumentation; Hand-Held Instrument; Intraocular Lenses; Phacoemulsification Products; Surgical Instruments

S4OPTIK
Corneal Topography Systems; Diagnostic Equipment; Digital Imaging Systems; Exam Room Furniture/Equipment; Ophthalmic Instruments; Retinal Photography

SAN DIEGO EYE BANK

*New exhibitor
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as of January 12, 2018
**WE ARE THE IRREFUTABLE LEADER IN EMR FOR OPHTHALMOLOGY!**

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