



AMERICAN ACADEMY
OF OPHTHALMOLOGY®

AAO 2021

Meeting Program and Floor Plan

Where All of
Ophthalmology Meets®



re/create

Protecting Sight. Empowering Lives.®



TRUST IN EXPERIENCE

▶▶▶ **9 years** of extensive real-world and clinical experience, backed by 8 phase 3 clinical trials¹

▶▶▶ **>13 million doses** administered to hundreds of thousands of patients²

▶▶▶ **82% of payers** offer access to EYLEA first line, covering >272 million patients^{2,*}

▶▶▶ **EYLEA4U[®] provided**
>4.4 million support services to eligible patients as of June 30, 2020²

*Data represent payers across the following channels: Medicare Part B, Commercial, Medicare Advantage, and VA. Individual patient coverage is subject to patient's specific plan.

GO TO [HCP.EYLEA.US](https://hcp.eylea.us) TO LEARN MORE

References: 1. EYLEA[®] (aflibercept) Injection full U.S. Prescribing Information. Regeneron Pharmaceuticals, Inc. August 2019. 2. Data on file. Regeneron Pharmaceuticals, Inc.

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REGENERON

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777 Old Saw Mill River Road, Tarrytown, NY 10591

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Meeting Directory

All locations are in the Ernest N. Morial Convention Center, New Orleans, unless otherwise indicated.

AAOE Coding Sessions (Friday)	Rooms R02-R05, Level 2
AAOE Member Lounge	Rooms 201-202
AAOE Practice Management and Coding Center, Conversations With the Experts	Academy Resource Center, Hall G, Booth 4039
AAOE Program	Rooms 203-216
Academy Café	Room 271-273
Academy Resource Center	Hall G, Booth 4039
Airport Shuttle	On the Town counter, Lobby D
American Academy of Ophthalmology Foundation	Academy Resource Center, Hall G, Booth 4039
ASORN Nursing Program	Rooms R06-R08, Level 2
Business Center	Lobby F
Chicago 2022	Lobby E
CME Reporting/Proof-of-Attendance	www.aao.org/annual-meeting-cme
Coat and Bag Check	Lobby B and Lobby E
Executive Office	Room 260
Exhibitor Locator Booth	Hall G, Booth 4105
Exhibitor Service Center	Halls D and E
Exhibitions Office	Hall E
Expo	Halls C – H
Expo ShowMap	aao.org/showmap
EyePlay Experience	Hall H, Booth 5214
First Aid	Lobby E and Lobby H
Global Alliance Office	Room 264
Hotel Assistance	Lobby E
Industry Showcase Theater	Hall D, Booth 1053
Informational Posters	Hall C, Booth 761
International Society of Refractive Surgery (ISRS)	Academy Resource Center, Hall G, Booth 4039
Learning Lounge	Hall C, Booth 600
Lost and Found	Meetings Office, Room 265
Media Conference Room	Rooms 228-230
Meditation/Prayer Room	Level 1, Room D108
Meeting Information	Lobby B, Lobby G and Academy Resource Center, Hall G, Booth 4039
Meetings Office	Room 265

Mobile Meeting Guide	aao.org/mobile
Mobile Meeting Guide Assistance	Tech Bar in EyePlay Experience, Hall H, Booth 5214
Mother's Room	Level 1, Room A101
Newsroom	Room 228-230
Ophthalmic Mutual Insurance Company (OMIC)	Hall G, Booth 3939
OPHTHPAC/Surgical Scope	Great Hall Lobby, Lobby B and outside La Nouvelle Orleans Ballroom
Original Papers	Room 255-257
Poster Theater and Lounge	Hall C, Booth 200
Proof-of-Attendance/CME Reporting	www.aao.org/annual-meeting-cme
Registration	Halls D and E
Restaurant Reservations/On the Town	Lobby D
Ribbons	Halls D and E
Scientific Posters	Poster Theater and Lounge, Hall C, Booth 200 and www.aao.org/mobile
Senior Ophthalmologist (SO) Lounge	Room 224
Shuttle Bus Pick-up and Drop-off	Transportation Center: Outside Lobby G, across Convention Center Blvd.
Speaker Ready Room	Room 267 and Rivergate Room
Subspecialty Day Cornea Glaucoma Neuro-Ophthalmology Oculofacial Plastic Surgery Pediatric Ophthalmology Refractive Surgery Retina	La Nouvelle Orleans Ballroom AB La Nouvelle Orleans Ballroom AB La Nouvelle Orleans Ballroom C Rooms 243-245 Rooms 243-245 New Orleans Theater A The Great Hall
Tech Bar	EyePlay Experience, Hall H, Booth 5214
Technology Pavilion	Hall C, Booth 145
Truhlsen-Marmor Museum of the Eye®	Hall G, Booth 3947
Videos on Demand	www.aao.org/mobile
Virtual Meeting	www.aao.org/virtual-meeting
Wi-Fi Access	Join the AAO2021 network. No password needed.
Young Ophthalmologist (YO) Lounge	Room 222

Get Organized, Get Connected

Health and Safety

www.aao.org/health-safety

Proof of vaccination is required to enter the convention center and to obtain a AAO 2021 badge. Masks must be worn at all times inside the convention center and on shuttle buses. For complete AAO 2021 health and safety protocols refer to www.aao.org/health-safety.

Mobile Meeting Guide

www.aao.org/mobile

The Mobile Meeting Guide is a mobile-friendly website that contains up-to-date program information. Use the guide to:

- Browse the program.
- View abstracts, posters and videos.
- Add sessions and events to your calendar, then set text alerts for your mobile device.
- View handouts.
- Complete course evaluations.
- View exhibiting companies, their products, services and location in the Expo.
- Access tools to communicate with other attendees and session presenters.

For assistance, visit the Tech Bar located in EyePlay Experience, Hall H, Booth 5214.

Supported by Johnson & Johnson Vision

Handouts

www.aao.org/mobile

Use the Mobile Meeting Guide to search for a course/session. If the handout icon is present, you can click it to view or download the handout.

Evaluations

www.aao.org/mobile

Use the Mobile Meeting Guide to search for the course/session you attended, then select the "Evaluation" button.

Expo

Halls C - H

Find the newest exhibitors in the New Exhibitor Pavilion in Hall H.

View a map of the Expo online at www.aao.org/showmap or in the Mobile Meeting Guide at www.aao.org/mobile.

Exhibitor Locator, Hall G, Booth 4105

Staff will help you search for exhibitors by booth, company name, product categories, medical subspecialties, common equipment terms and basic ophthalmic conditions.

Tickets and Registration

Halls D and E

Specific sessions require an individual ticket or separate registration:

- AAOE Practice Management Master Classes
- AAOE Practice Management Coding Sessions
- Skills Transfer labs
- Subspecialty Day meetings

Tickets are no longer printed. Your badge will be scanned to allow entry to these rooms.

Wi-Fi

Access free Wi-Fi throughout the Ernest N. Morial Convention Center by joining the "AAO2021" network. No password needed.

Virtual Meeting

www.aao.org/virtual-meeting

When you registered for the in-person meeting in New Orleans you were also provided access to the corresponding virtual content for that meeting. If you want to see more content in the virtual meeting platform, register online at any time for additional meetings at www.aao.org/registration.

Social Media

Post to social media using #aao2021.

 Follow us at twitter.com/aao_ophth

 Follow us at [instagram.com/aaoeeye](https://www.instagram.com/aaoeeye)

 Like us at [facebook.com/American-Academy-of-Ophthalmology](https://www.facebook.com/American-Academy-of-Ophthalmology)

 Join our network at [linkedin.com/company/american-academy-of-ophthalmology](https://www.linkedin.com/company/american-academy-of-ophthalmology)

 Watch videos posted to [youtube.com/AAOtv](https://www.youtube.com/AAOtv)

Meeting Information

All locations are in the Ernest N. Morial Convention Center, New Orleans. All areas below, unless otherwise noted, follow Expo hours: Saturday - Monday, 9:00 AM - 5:00 PM.

AAOE Member Lounge

Rooms 201-202

Friday: 8:00 AM - 5:00 PM

Saturday: 8:00 AM - 5:00 PM

Sunday: 8:00 AM - 5:00 PM

Monday: 8:00 AM - 5:00 PM

AAOE members can relax between courses and network with colleagues.

Academy Resource Center

Hall G, Booth 4039

Find the latest products and resources for your clinical education, patient education and practice management needs.

- Get a free headshot.
- Save 10% on products.
- Get free shipping within the United States and Canada.
- Join or pay dues for the Academy, AAOE and ISRS.
- Get advocacy updates and take action.
- Visit the Foundation to support the Academy's educational, quality-of-care and service programs.
- Sign up for free practice management advice with Conversations With the Experts.
- Talk to the American Board of Ophthalmology.

Alumni and Related Meetings

Find a list of events:

- www.aao.org/mobile
- www.aao.org/2021

CME Reporting

www.aao.org/annual-meeting-cme

See page 21 for additional information about CME and credit reporting.

Coat and Bag Check

Lobby E

Friday - Monday: 7:00 AM - 6:00 PM

Lobby B

Monday: 7:00 AM - 6:00 PM

\$2 per coat and \$3 per bag.

Hotel Assistance

Lobby E

Thursday: 2:00 - 6:00 PM

Friday - Sunday: 9:00 AM - 5:00 PM

Monday: 9:00 AM - 1:00 PM

Get answers to your questions regarding hotel reservations made through Expovision. You can also contact them by phone: 866.774.0487 (toll free in U.S.), or by email: aaohotels@aao.org.

Industry Showcase Theater

Hall D, Booth 1053

Saturday – Sunday: 9:10 AM – 5:00 PM

Hear the latest on products and services during 30-minute sessions. See page 110 for the schedule.

OMIC - Ophthalmic Mutual Insurance Company

Hall G, Booth 3939

Consult with insurance planning and risk management experts from the nation's largest insurer of ophthalmologists. Information is also available on other Academy sponsored business, life and health insurance policies specially designed for ophthalmologists.

Registration

Attendees and Exhibitors, Halls D and E

See page 15 for registration hours of operation.

Restaurant Reservations/On the Town

Lobby D

Thursday: 2:00 - 6:00 PM

Friday: 10:00 AM - 7:00 PM

Saturday & Sunday: 10:00 AM - 6:00 PM

Monday: 10:00 AM - 5:00 PM

Restaurant, entertainment, tours and airport shuttle reservation services.

Scientific Posters

Poster Theater and Lounge, Hall C, Booth 200 and www.aao.org/mobile

Saturday – Monday: 9:15 AM - 5:00 PM

Senior Ophthalmologist (SO) Lounge

Room 224

Saturday - Monday: 8:00 AM - 5:00 PM

Academy SO members 60 years of age and over can take a break and enjoy light refreshments. SO ribbon required for admission.

Shuttle Bus

See page page 14 and check the Mobile Meeting Guide, www.aao.org/mobile, for route numbers and additional information.

Speaker Ready Rooms

Room 267

Thursday: 1:00 - 5:00 PM

Friday: 7:00 AM - 6:00 PM

Saturday & Sunday: 7:00 AM - 5:30 PM

Monday: 7:00 AM - 3:30 PM

Rivergate Room

Thursday: 1:00 - 5:00 PM

Friday: 7:00 AM - 6:00 PM

Saturday & Sunday: 7:00 AM - 5:30 PM

Monday: 7:00 AM - 5:00 PM

Scientific Session Presenters

- Submit presentations online.
- On site, submit presentations as early as 24 hours, but no later than 4 hours, in advance of your scheduled presentation time.
- Presenters with early morning sessions should submit their materials by 4:00 PM the preceding day.

Course Instructors

- Do not submit your presentations in advance.
- Preview your presentation and test embedded videos at the Speaker Ready Room.
- Each course room is equipped with a desktop PC.

Commercial-Free Zone

To comply with the Accreditation Council for Continuing Medical Education (ACCME®) guidelines, as well as create an environment free of perceived commercial bias and financial interest, representatives from commercial companies are not allowed in the Speaker Ready Rooms.

Tech Bar

EyePlay Experience, Hall H, Booth 5214

Technology related questions? Drop by the Tech Bar to learn how to get the most out of the Mobile Meeting Guide, get advice and troubleshoot problems with IT staff.

Transportation (Local)

Taxis and Rideshare (Uber, Lyft, etc.)

Taxis and rideshare services will pick up and drop off in the designated zone in the new Transportation Center which is located outside Lobby G, across Convention Center Blvd. Learn more:

<https://mccno.com/visitors/getting-here/>.

Airport Shuttle

Door-to-door shared-ride shuttles to and from Louis Armstrong International Airport are available through Airport Shuttle New Orleans. Ticket sales counters in the airport are located on the left when exiting baggage claim; or purchase in the convention center at On the Town in Lobby D. Reserve seats no later than 24 hours in advance: www.airportshuttleneworleans.com or +1 504.522.3500.

Regional Transportation Authority (RTA)

RTA is the public transportation service provider of Orleans Parish with four streetcar lines and 33 bus routes, including the Airport Express (202). Find more information online: www.norta.com.

Parking

The Ernest N. Morial Convention Center has ample parking available for a daily fee. Learn more: <https://mccno.com/visitors/getting-here/>.

Truhlsen-Marmor Museum of the Eye®

Hall G, Booth 3947

Explore the museum's newest exhibit, "Remarkable Women," and learn about the history of female medical education, the early pioneers, and activists. The exhibit highlights women authors and inventors, along with the museum's unique oral history collection, preserving the memories and experiences of people whose lives are an inspiration.

Videos on Demand

Watch surgical videos through the Mobile Meeting Guide at www.aao.org/mobile and in the Virtual Meeting at www.aao.org/virtual-meeting.

Young Ophthalmologist (YO) Lounge

Room 222

Saturday - Monday: 8:00 AM - 5:00 PM

Academy members in training and members in their first five years in practice can take a break, attend daily events and enjoy light refreshments. YO ribbon required for admission.

Industry Support

The Academy would like to thank the following companies for their generous support of AAO 2021 and Subspecialty Day.

Unrestricted Meeting Support

PLATINUM

Novartis Pharmaceuticals, Inc.
Regeneron Pharmaceuticals, Inc.

GOLD

Genentech

SILVER

Apellis Pharmaceuticals, Inc.
Santen, Inc.

Support for CME-Related Activities

CATARACT SPOTLIGHT

Alcon, Inc.
Bausch + Lomb
Johnson & Johnson Vision

CORNEA SUBSPECIALTY DAY

Dompé

GLAUCOMA SUBSPECIALTY DAY

Aerie Pharmaceuticals, Inc.
Santen, Inc.

OCULOFACIAL PLASTIC SURGERY SUBSPECIALTY DAY

Horizon Therapeutics

RETINA SUBSPECIALTY DAY

Genentech, Inc.

Meeting Support

AAOE OPENING SESSION

Genentech, Inc.
Modernizing Medicine, Inc.

CATARACT SUBSPECIALTY TRACK

Johnson & Johnson Vision

GLAUCOMA SUBSPECIALTY TRACK

Santen, Inc.

OCULOFACIAL PLASTICS SUBSPECIALTY TRACK

Horizon Therapeutics

POSTER THEATER, GLAUCOMA TRACK

Allergan, an AbbVie Company



Skills Transfer Course Contributors

The Academy acknowledges the following companies for their generous support of equipment and supplies:

Johnson & Johnson Vision
Bausch + Lomb
Alcon Laboratories, Inc.
Carl Zeiss Meditec

We would also like to thank the following companies for their contributions in the Cataract, Refractive Surgery/Cornea, Glaucoma, Retina and Plastics Skills Transfer Labs:

Durable Equipment / Instruments

Accurate Surgical & Scientific Instruments Corp.
Alcon Laboratories, Inc.
Anodyne Surgical
Aurora Surgical
Bausch + Lomb
Carl Zeiss Meditec
ConMed Corporation
Dutch Ophthalmic, USA
Endo Optiks / Beaver-Visitec International, Inc.
Epsilon Eye Care
Glaukos Corporation
Heidelberg Engineering
Innovia Medical
IRIDEX
Ivantis Inc.
JEDMED Instrument Company
Johnson & Johnson Vision
Katena Products, Inc.
Lumenis, Inc.
MST (MicroSurgical Technology)
New World Medical, Inc.
Sight Sciences, Inc.
Ziemer Group AG

Disposables

Beaver-Visitec International, Inc.
Ethicon, Inc.
Galderma

Tissue

Bio-Tissue, Inc.
Lions VisionGift
VisionShare

Official Academy Hotels



Map #	Hotel	Address	Hotel Phone
1	AC Hotel New Orleans French Quarter	221 Carondelet Street	(504) 962-0700
2	Ace Hotel New Orleans	600 Carondelet Street	(504) 900-1180
3	Aloft New Orleans Downtown	225 Baronne Street	(504) 581-9225
4	Astor Crowne Plaza New Orleans French Quarter	739 Canal Street At Bourbon	(504) 962-0500
5	Blake Hotel New Orleans, BW Premier Collection	500 St. Charles Avenue	(504) 522-9000
6	Cambria Hotel New Orleans Downtown Warehouse District	632 Tchoupitoulas Street	(504) 524-7770
7	Courtyard New Orleans Downtown Near the French Quarter	124 St. Charles Avenue	(504) 581-9005
8	Courtyard New Orleans Downtown/Convention Center	300 Julia Street	(504) 598-9898
9	Courtyard New Orleans French Quarter/Iberville	910 Iberville Street	(504) 523-2400
10	DoubleTree by Hilton Hotel New Orleans	300 Canal Street	(504) 581-1300
11	Drury Plaza Hotel New Orleans	820 Poydras Street	(504) 529-7800
12	Eliza Jane, Unbound by Hyatt	315 Magazine Street	(504) 882-1234
13	Embassy Suites by Hilton New Orleans	315 Julia Street	(504) 525-1993
14	Fairfield Inn & Suites New Orleans Downtown/French Quarter Area	346 Baronne Street	(504) 309-0800
15	Four Seasons Hotel New Orleans	2 Canal Street	(800) 819-5053
16	Hampton Inn & Suites New Orleans Convention Center	1201 Convention Center Boulevard	(504) 566-9990
18	Harrah's New Orleans	228 Poydras Street	(504) 533-6000
19	Higgins Hotel, Curio Collection by Hilton	1000 Magazine Street	(504) 533-6001
20	Hilton Garden Inn New Orleans Convention Center	1001 S. Peters Street	(504) 324-6000
22	Hilton New Orleans Riverside	2 Poydras Street	(504) 561-0500
23	Hilton New Orleans/St. Charles Avenue	333 St. Charles Avenue	(504) 378-2800
24	Holiday Inn New Orleans-Downtown Superdome	330 Loyola Avenue	(504) 581-1600
25	Hotel Monteleone	214 Royal Street	(504) 523-3341
26	Hyatt Centric French Quarter New Orleans	800 Iberville Street	(504) 586-0800
27	Hyatt Place New Orleans/Convention Center	881 Convention Center Boulevard	(504) 524-1881
28	InterContinental New Orleans	444 St. Charles Avenue	(504) 525-5566
29	JW Marriott New Orleans	614 Canal Street	(504) 525-6500
30	Kimpton Hotel Fontenat	501 Tchoupitoulas Street	(504) 571-1818
32	Le Meridien New Orleans	333 Poydras Street	(504) 525-9444
33	Le Pavillon Hotel	833 Poydras Street	(504) 581-3111
34	Loews New Orleans Hotel	300 Poydras Street	(504) 595-3300
36	Mercantile Hotel New Orleans	727 S Peters Street	(504) 558-1914

Map #	Hotel	Address	Hotel Phone
37	New Orleans Marriott	555 Canal Street	(504) 581-1000
38	New Orleans Marriott Warehouse Arts District	859 Convention Center Boulevard	(504) 613-2888
39	Old No. 77 Hotel	535 Tchoupitoulas Street	(504) 527-5271
40	Omni Riverfront Hotel	701 Convention Center Boulevard	(504) 524-8200
41	Omni Royal Orleans	621 Saint Louis Street	(504) 529-5333
42	Q&C HotelBar New Orleans, Autograph Collection	344 Camp Street	(504) 587-9700
43	Renaissance New Orleans Arts Warehouse District Hotel	700 Tchoupitoulas Street	(504) 613-2330
44	Renaissance New Orleans Pere Marquette/ French Quarter Area	817 Common Street	(504) 525-1111
45	Sonesta ES Suites New Orleans Convention Center	345 St. Joseph Street	(504) 522-1300
46	Ritz-Carlton New Orleans	921 Canal Street	(504) 524-1331
47	Roosevelt New Orleans, A Waldorf Astoria Hotel	130 Roosevelt Way	(504) 648-1200
48	Royal Sonesta New Orleans	300 Bourbon Street	(504) 586-0300
49	Saint Hotel, Autograph Collection	931 Canal Street	(504) 522-5400
50	Sheraton New Orleans Hotel	500 Canal Street	(504) 525-2500
51	SpringHill Suites New Orleans Downtown/ Convention Center	301 St. Joseph Street	(504) 522-3100
52	St. James Hotel	330 Magazine Street	(504) 304-4000
53	Virgin Hotels New Orleans	550 Baronne Street	(833) 791-7700
54	W New Orleans-French Quarter	316 Chartres Street	(504) 581-1200
55	Westin New Orleans	100 Rue Iberville Street	(504) 566-7006
56	Windsor Court Hotel	300 Gravier Street	(504) 523-6000
57	Wyndham Garden Baronne Plaza New Orleans	201 Baronne Street	(504) 522-0083
58	Wyndham New Orleans - French Quarter	124 Royal Street	(504) 529-7211

Shuttle Schedule

Continuous shuttle bus service will operate according to the schedule below. Times of operation and boarding locations are subject to change. Check the Mobile Meeting Guide, www.aao.org/mobile, as well as the shuttle information sign in your hotel for route numbers and additional information.

All shuttles will arrive at and depart from the Shuttle Hub in the Transportation Center across the street from Lobby G.

Hours of Operations

Friday, Nov. 12	Frequency of Service	Hours
Shuttle from hotels to Morial Convention Center	Every 20-25 minutes	7:00 AM – 10:45 AM
Shuttle from Morial Convention Center to hotels	Every 20-25 minutes	2:30 PM – 7:00 PM *

Saturday, Nov. 13 - Monday, Nov. 15	Frequency of Service	Hours
Shuttle from hotels to Morial Convention Center	Every 15-20 minutes	7:00 AM – 10:45 AM
Shuttle between hotels and Morial Convention Center	Every 20-25 minutes	10:45 AM – 2:30 PM
Shuttle from Morial Convention Center to hotels	Every 15-20 minutes	2:30 PM – 6:00 PM *

* Last shuttle departs Morial Convention Center at this time. Last shuttle departs hotels approximately 90 minutes prior to this time.

Morial Convention Center is the transfer point for all routes.

If you have any questions or would like to make a reservation for a wheelchair accessible AAO shuttle during shuttle hours, please see the shuttle supervisor at Morial Convention Center or call/text Kushner & Associates at +1 310-562-0606.

Registration

Halls D and E

Thursday: 2:00 – 6:00 PM

Friday: 7:00 AM – 6:30 PM

Saturday: 7:00 AM – 5:00 PM

Sunday & Monday: 7:30 AM – 5:00 PM

Online registration is open throughout the meeting. Visit www.aao.org/registration to:

- Find registration fee/category information
- Purchase tickets to:
 - Practice Management Master Classes
 - Skills Transfer labs
- Register for Subspecialty Day meetings or AAOE Coding Sessions.

When you complete a purchase online, visit an Express Registration counter to collect a new badge.

Tickets are no longer printed. Your badge will be scanned to allow entry to ticketed sessions.

Exhibitor Registration

Wednesday & Thursday: 7:30 AM – 6:00 PM

Friday: 7:00 AM – 6:30 PM

Saturday: 7:00 AM – 5:00 PM

Sunday & Monday: 8:00 AM – 5:00 PM

Policies

Health & Safety

Vaccination Requirement

Every AAO 2021 attendee, all Academy staff, exhibitors and guests will be required to show proof of vaccination before being allowed to enter the convention center.

Masks

All attendees, exhibitors, guests, staff and vendors will be required to wear masks in the convention center and on the meeting shuttle buses.

Masks should:

- Completely cover your mouth and nose.
- Fit snugly without gaps.

Disposable masks will be available onsite should you need one.

Code of Conduct

The purpose of this policy is to ensure a professional, collegial and safe environment for American Academy of Ophthalmology (Academy) meetings/events, whether in person or online, in which Academy members, staff, and other participants treat one another with mutual respect. This policy applies to anyone present and participating in events, including, but not limited to, attendees, members, speakers, staff, contractors, vendors, exhibitors, and guests.

Expected Behavior

The Academy expects all participants at Academy meetings/events to:

- Behave responsibly and professionally.
- Abide by this Code of Conduct.
- Exercise professionalism, consideration, and respect in their speech and actions, and must refrain from demeaning, discriminatory, disruptive or harassing behavior and speech.
- Alert Academy staff if they notice a dangerous situation or someone in distress.
- Be responsible if choosing to drink alcoholic beverages at any Academy networking event.
-

Unacceptable Behavior

- Verbal or written comments, or visual images, that are sexually suggestive, offensive, or that denigrate or show hostility or aversion toward an individual, or group of individuals, that create an intimidating, hostile, or offensive environment, or that unreasonably interfere with an individual's ability to participate in an Academy meeting.
- Slurs, threatening or negative stereotyping, intimidating, harassing, abusive, discriminatory, derogatory or demeaning speech or actions by any participant in any Academy meeting/event, and in one-on-one communications carried out in the context of any meeting or event.
- Verbal harassment or harmful or prejudicial verbal or written comments or visual images related to gender identity, sexual orientation, sexual activities, race, ethnicity, language, religion, disability, age, appearance or other personal characteristics ("Personal Characteristics").
- Disruption of presentations during sessions, in the exhibit hall, or at other Academy events organized throughout the meeting. All participants must comply with the instructions of the moderator and any Academy event staff.
- Presentations, postings, and messages should not contain promotional materials, special offers, job offers, product announcements, or solicitation for services ("Unapproved Commercial Content"). The Academy reserves the right to remove Unapproved Commercial Content and potentially ban its creators, sponsors and sources.
- Participants should not be under the influence of illegal drugs or other unauthorized or mind-altering or intoxicating substances while attending Academy events. Included within this prohibition are lawful controlled substances that have been illegally or improperly obtained. This policy does not prohibit the possession and proper use of lawfully prescribed drugs taken as prescribed.
- Participants should not copy or take screen shots of Q&A or any chat room activity that takes place in the virtual space.

Consequences of Unacceptable Behavior

- The Academy reserves the right to revoke, without refund, exhibition space and/or registration credentials of any attendee not in compliance with this policy.
- The Academy reserves the right to refuse the registration of any individual, as long as such refusal is consistent with applicable law and Academy policy.
- Academy and event staff have the right to deny participants service of alcohol for any reason and may require a participant to leave the event.
- Members found to be in violation of this policy will be subject to any disciplinary action the Academy's Board of Trustees deems appropriate after due consideration.

If you experience harassment or hear of any incidents of unacceptable behavior, the Academy asks that you inform Katherine Salazar-Poss, the Academy's General Counsel, generalcounsel@aao.org or +1 415.561.8541 so that we can take the appropriate action.

Registration

General Policies

All AAO 2021 meeting attendees are required to be registered using the correct registration category. If a registration is completed in an incorrect category, the registration will be corrected or canceled; additional fees may be due if the correct category is at a higher cost.

Attendees in New Orleans must wear their own properly coded badge, indicating their registration for the Academy's annual meeting and/or Subspecialty Day. Attendees not wearing a properly coded badge will not be admitted.

- Registrations are non-transferable.
- CME is available only to physicians registered for AAO 2021. Exhibitors, spouses/guests and members of the media are not eligible for CME credit.
- The Academy cannot waive any fees or provide any financial assistance for any registration, travel or housing costs.

Ticket Policies

- Ticketed courses that are eligible for CME credit cannot overlap.
- Tickets are non-transferable.
- Most ticket fees increase onsite.

Academy Members in Training Discount

As an additional member benefit, Academy members in training receive a 50 percent discount on all Skills Transfer labs ticket purchases. This discount is automatically applied to the ticket price unless otherwise noted.

These discounts do not apply to nonmember physicians in training.

Skills Transfer Courses

Attendance in Skills Transfer courses is limited to physicians only, except where noted in the course description. (The term "physician" refers to the definition in the Federal Register: "Those individuals licensed to practice medicine and surgery and osteopathy.")

- Skills Transfer labs are ticketed events that must be purchased separately.
- Lecture prerequisites are strongly recommended but not required.
- You may attend Skills Transfer lectures without purchasing the lab.
- Registrants in Skills Transfer lab courses may be required to bring instruments and/or sign an infectious disease waiver form. Refer to individual course listings for specific requirements.
- Tickets are non-transferable.
- Skills Transfer courses are intended to provide instruction leading to new knowledge and/or skills. The Academy does not certify competence upon completion of Academy courses. Academy courses are not intended to serve as a basis for requesting new or expanded privileges.
- Equipment from several company supporters will be used during labs. We are unable to guarantee the attendee's request to use a specific company's equipment.

Spouse Guest Registration

Fully vaccinated spouses and guests may register in the Spouse/Guest category, complete the proof of vaccination process and collect a meeting badge to accompany a professional meeting registrant at AAO 2021.

- A co-worker or an industry associate may not use the spouse/guest registration category.
- Spouses and guests who are physicians must register as professional attendees if they wish to receive CME credit.
- Spouses and guests must be registered in order to visit the exhibit hall or attend scientific sessions.
- Spouse and guest badges are not valid for entry to Subspecialty Day meetings, the AAOE Practice Management Program or the ASORN Nursing Program.

Children (12 - 17)

Fully vaccinated children, aged 12-17, may register in the youth category, complete the proof of vaccination process and collect a meeting badge.

- Children are not permitted to attend any AAO 2021 or Subspecialty Day educational sessions.
- Children, aged 12-17, may visit the Expo if they wear their badge and are accompanied by a registered adult.
- Badges are complimentary for children aged 12-17.
- Children aged 11 and under are not currently eligible for COVID vaccines; they will not be allowed to attend AAO 2021.
- For the safety of children, no person under the age of 17 will be allowed on the exhibit hall floor at any time during exhibit move-in and move-out hours.

Attendance by Optometrists

Only optometrists who are members of the American Academy of Optometry and who have been selected for presentation may attend the Academy's annual meeting. Optometrists may not attend Subspecialty Day.

Exhibitors

Representatives of all AAO 2021 exhibiting companies must show proof of vaccination before being allowed to enter the convention center.

They are also required to wear masks in the convention center and on meeting shuttle buses. Representatives are registered in advance by their company's primary meeting contact.

- All exhibiting company representatives must wear their personal Academy issued exhibitor meeting badge while on the meeting premises. Representatives must be able to present photo identification that matches the name on the badge they are wearing upon request.
- Individuals from industry, including representatives of exhibiting companies, may register for any 2021 Subspecialty Day meeting using the Commercial Representative registration category.

Commercial Representatives may not use the Health Professional category to register for AAO 2021 or Subspecialty Day. This category is designated for those working in an ophthalmic practice, academic arena or research capacity. Misuse of this registration category will result in cancellation of the registration.

Optometrists who are full time exhibiting company employees may only be registered as an Exhibitor Representative to staff the booth. They are not allowed to attend any portion of the AAO 2021 program or Subspecialty Day.

Sharing Your Information, Lead Retrieval

Your registration may include technology that monitors your activities throughout the meeting.

- In the virtual meeting, when attendees visit exhibitor booths or watch a corporate sponsored showcase they are releasing their contact information including address and email, registration type, practice type and subspecialty information as captured during the registration process.
- At the in-person meeting, when attendees have their badges scanned by exhibitors or Academy staff, they are releasing their contact information, including address and email, registration type, practice type, and subspecialty information as captured during the registration process.

All exhibitors agree to comply with their legal obligations as a data controller in relation to attendee lead data they obtain at the meeting.

Event Photography and Video/ Audio Recording Release

Any person who attends an Academy annual meeting event grants permission to the Academy, its employees and agents to record his or her visual/audio images, including but not limited to, photographs, digital images, voices, sound or video recordings, audio clips, or accompanying written descriptions, and, without notifying such person, to use his or her name and such images for any purpose of the Academy, including advertisements for the Academy and its programs, in any media or format including web-based, film or in print.

Meeting Content

Programs, presented at the Academy's annual meeting and Subspecialty Day, are not public events. They are for the education of meeting attendees and content consumers as authorized by the Academy.

Photography and Social Media

The Academy's policy for the use of photography and social media at AAO 2021 is intended to strike a balance between the needs of scientists, physicians and other health care professionals, patients, and advocates for the latest ophthalmic information and the needs of presenters to protect their proprietary content from unauthorized use.

- Non-flash photography is allowed for personal, social or non-commercial use. Attendees taking photos must do so in a non-disruptive manner so as not to disturb the presenter and other attendees.
- Video snippets and screen captures in the virtual meeting, excluding Q&A or chat room activity, are allowed for personal, social or non-commercial use.
- If sharing a photograph, video snippet or screen capture from AAO 2021 on social media platforms, credit the presenter/author of the content.
- Respect presenters who state they do not want their slides and/or content shared on social media.
- Images of patient faces or other identifiable

information cannot be shared on social media due to HIPAA regulations.

Video recording, live audio and/or video streaming of entire sessions is strictly prohibited.

Disclaimer

The objective of the Academy in sponsoring annual and other periodic scientific sessions is to promote the free expression and interchange of ideas and information for educational purposes. The Academy does not accept responsibility for any opinions, positions, or statements contained or expressed in such material, and such opinions, positions and statements are not necessarily those of the Academy.

Courses are intended to provide instruction leading to new knowledge and/or skills. The Academy does not certify competence upon completion of the courses. Courses are not intended to serve as a basis for requesting new or expanded privileges.

FDA Status Disclaimer

Some material on recent developments may include information on drug or device applications that are not considered community standard, that reflect indications not included in approved FDA labeling or that are approved for use only in restricted research settings. This information is provided as education only, so that physicians may be aware of alternative methods of the practice of medicine, and it should not be considered endorsement, promotion or in any way encouragement to use such applications. The FDA has stated that it is the responsibility of the physician to determine the FDA status of each drug or device he or she wishes to use in clinical practice, and to use these products with appropriate patient consent and in compliance with applicable law. The Academy is providing the opportunity for material to be presented for educational purposes only. The material represents the approach, ideas, statement or opinion of the presenter and/or author. It is not necessarily the only or best method or procedure in every case and does not represent the policy, position or endorsement of the Academy. The material is not intended to replace a physician's own judgment or to give specific advice for

case management. The Academy specifically disclaims any and all claims that may arise out of the use of any technique demonstrated or described in any material by any presenter and/or author, whether such claims are asserted by a physician or any other person.

Expo

Unauthorized Solicitation

Solicitation by individuals or companies not participating as exhibitors is prohibited. Only the authorized personnel from exhibiting companies have access to the Academy's annual meeting and the Expo. Attendees should report questionable activities or practices to the exhibition director's office or the Meetings Office. Individuals who violate this policy are escorted from the premises.

Display and Distribution Policy

The Academy has retained exclusive use of the convention facility to enable registered attendees to participate in Academy-sponsored educational and informational activities. Display or distribution of non-sponsored information or advertising in or on the property of the convention facility, except within exhibit booths, is prohibited. Violation of this policy will result in confiscation and disposal of the material. Individuals who violate this policy may be escorted from the premises.

Photography/Recordings in the Expo

Attendees, exhibitors or members of the media wishing to photograph, videotape or make any type of electronic recording of an exhibit must secure permission from the exhibiting company. Media wishing to photograph or record any part of the Expo must also be escorted by a member of the Academy newsroom staff.

CME & CE Credit

Academy's CME Mission Statement

The purpose of the American Academy of Ophthalmology's Continuing Medical Education (CME) program is to present ophthalmologists with the highest quality lifelong learning opportunities that promote improvement and change in physician practices, performance or competence, thus enabling such physicians to maintain or improve the competence and professional performance needed to provide the best possible eye care for their patients.

How to Claim CME

Attendees can claim credits online. Visit www.aao.org/annual-meeting-cme to find information and directions for claiming credits.

For AAO 2021, you can claim CME credit multiple times, up to the 50-credit maximum, through Aug. 1, 2022. You can claim some in 2021 and some in 2022, or all in the same year.

For 2021 Subspecialty Day, you can claim CME credit multiple times, up to the 12-credit maximum per day, through Aug. 1, 2022. You can claim some in 2021 and some in 2022, or all in the same year.

You do not need to track which sessions you attend, just the total number of hours you spend in sessions for each claim.

Academy Members

CME transcripts that include AAOE Half-Day Coding Sessions, Subspecialty Day and/or AAO 2021 credits will be available to Academy members through the Academy's CME Central web page, www.aao.org/cme-central.

The Academy transcript cannot list individual course attendance. It will list only the overall credits claimed for educational activities at AAOE Half-Day Coding Sessions, Subspecialty Day and/or AAO 2021.

Nonmembers

The Academy provides nonmembers with verification of credits earned and reported for a single Academy-sponsored CME activity.

Proof of Attendance

You will be able to obtain a CME credit reporting/proof-of-attendance letter for reimbursement or hospital privileges, or for nonmembers who need it to report CME credit:

Academy Members

When you claim CME credits and complete the evaluation, you will be able to print a certificate/proof of attendance letter from your transcript page. Your certificate will also be emailed to you.

Nonmembers

When you claim CME credits and complete the evaluation, a new browser window will open with a PDF of your certificate. Please disable your pop-up blocker. Your certificate will also be emailed to you.

CME Questions

Send your questions about CME credit reporting to cme@aao.org.

For Continuing Certification questions, contact the American Board of Ophthalmology at MOC@abpo.org.

AAO 2021 CME Credit

The American Academy of Ophthalmology is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American Academy of Ophthalmology designates this Other (blended live and enduring material) activity for a maximum of **50 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The American Medical Association has determined that non-U.S. licensed physicians who

participate in this CME activity are eligible for *AMA PRA Category 1 Credits™*.

Physicians registered as In Person and Virtual are eligible to claim the above CME credit.

Attendees registered as exhibitors and spouse/guests are not eligible to receive CME credit.

Portions of the meeting identified for credit include AAO 2021 scientific sessions, instruction courses, Skills Transfer Program, AAOE Practice Management Master Classes, the Academy Café, Original Papers and the Jackson Memorial Lecture at the Opening Session.

Portions of the meeting not eligible for credit include, but are not limited to, posters, videos, committee meetings, viewing exhibits, attending Special Meetings & Events, Industry Showcases, Technology Pavilion and Learning Lounge presentations, EyeNet Corporate Events, the AAOE General Session and social networking.

AAO 2021 Learning Objectives

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

- Identify recent advances in the diagnosis and treatment of eye diseases.
- Identify major advances in key areas of cutting-edge research and technology in ophthalmology.
- Incorporate skills and techniques from the Skills Transfer courses into their daily practice.
- Integrate practice management strategies to address critical business and operational tasks in the ophthalmologist's practice.
- Develop strategies to identify and address their own individual professional practice gaps.

AAO 2021 Target Audience

This activity has been designed to meet the educational needs of ophthalmologists, nurses, ophthalmic technicians and other allied health personnel who are engaged in the diagnosis and treatment of eye diseases, as well as practice administrators responsible for managing the business aspects of an ophthalmic practice.

2021 Subspecialty Day CME Credit

The American Academy of Ophthalmology is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Friday Subspecialty Day Activity: Glaucoma, Neuro-Ophthalmology, Pediatric Ophthalmology, Refractive Surgery and Retina (Day 1)

The American Academy of Ophthalmology designates this Other (blended live and enduring material) activity for a maximum of **12 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Saturday Subspecialty Day Activity: Cornea, Oculofacial Plastic Surgery and Retina (Day 2)

The American Academy of Ophthalmology designates this Other (blended live and enduring material) activity for a maximum of **12 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Physicians registered as In Person and Virtual are eligible to claim the above CME credit.

Self-Assessment Credit

Selected AAO 2021 sessions meet the Self-Assessment CME requirements defined by the American Board of Ophthalmology (ABO). U.S. ophthalmologists can complete four of the annually required self-assessment (SACME) hours at AAO 2021. A listing of SACME sessions will be available in the Mobile Meeting Guide, www.aao.org/mobile.

Many Academy online and print activities are approved for self-assessment credit, including ONE Network Cases and Courses, and selected BCSC sections. Visit www.aao.org/education, www.store.aao.org or the Academy Resource Center, Hall G, Booth 4039 for more information.

Please be advised that the ABO is not an accrediting body for purposes of any CME program. ABO does not sponsor this or any outside activity, and ABO does not endorse any particular CME activity. Learn more about the ABO CME

and Self-Assessment Credit requirements at www.abop.org/maintain-certification/cme-self-assessment/.

NOTE: Credit designated as “SACME” is *AMA PRA Category 1 Credit™* and is also pre-approved for the Maintenance of Certification (MOC) Learning and Self-Assessment Activity requirements.

European Union of Medical Specialists (UEMS) CME/CPD Requirements

European ophthalmologists can convert CME credit from AAO 2021 to meet European Union of Medical Specialists (UEMS) CME/CPD requirements.

The American Medical Association has an agreement of mutual recognition of Continuing Medical Education (CME) credits with the European Union of Medical Specialists (UEMS), the accreditation body for European countries. Physicians interested in converting *AMA PRA Category 1 Credits™* to UEMS-European Accreditation Council for Continuing Medical Education CME credits (ECMECs) should contact the UEMS at mutualrecognition@uems.eu.

2021 AAOE Half-Day Coding Sessions CME Credit

The American Academy of Ophthalmology is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Fundamentals of Ophthalmic Coding

The American Academy of Ophthalmology designates this live activity for a maximum of **3 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Coding Camp

The American Academy of Ophthalmology designates this live activity for a maximum of **3 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Teaching at a Live Activity

Teaching instruction courses, or delivering a scientific paper or poster are not *AMA PRA Category 1 Credit™* activities and should not be included when calculating your total *AMA PRA Category 1 Credits™*.

Presenters may claim *AMA PRA Category 1 Credits™* through the American Medical Association, www.ama-assn.org.

CME and AAPC Continuing Education Credit

The American Academy of Professional Coders (AAPC) will honor 1:1 CEUs for any live event offering CME credit or *AMA PRA Category 1 Credits™*.

IJCAHPO Continuing Education Credit

The International Joint Commission on Allied Health Personnel in Ophthalmology (IJCAHPO) reviews courses for continuing education credit toward certification or recertification in ophthalmic medical assisting for COA, COT and COMT levels. Approved courses are classified as either Group A or Group B. IJCAHPO may award continuing education credit for specified courses. IJCAHPO does not cosponsor these approved courses, or any other review course. A certificate of completion is available upon completion of the course. Visit the IJCAHPO website, jcahpo.org, for more information.

NOTE: JCAHPO credits cannot be claimed on the Academy's online CME system. Credit must be claimed directly with JCAHPO when you are ready to recertify.

ASORN Continuing Education Credit

Nursing contact hours will be provided by the American Society of Ophthalmic Registered Nurses (ASORN). See page 72 for more information.

Scientific Integrity and Disclosure of Financial Interest

The American Academy of Ophthalmology is committed to ensuring that all continuing medical education (CME) information is based on the application of research findings and the implementation of evidence-based medicine. It seeks to promote balance, objectivity and absence of commercial bias in its content. All persons in a position to control the content of this activity must disclose any and all financial interests. The Academy has mechanisms in place to resolve all conflicts of interest prior to an educational activity being delivered to the learners.

A full listing of financial disclosures can be found in the Mobile Meeting Guide, www.aao.org/mobile.

Presenter Disclosures

The Academy requires all presenters to disclose on their first slide whether they have any financial interests from the past 12 months. Presenters are required to verbally disclose any financial interests that specifically pertain to their presentation.

Even with these acknowledgements, the Academy's Annual Meeting Program Committee expects that all presenters will give a fair and unbiased scientific talk. If you feel that a presenter did not follow these guidelines or was unduly biased, please contact the Academy's meetings staff at meetings@ao.org.

Control of Content

The Academy considers presenting authors, not co-authors, to be in control of the educational content. It is Academy policy and traditional scientific publishing and professional courtesy to acknowledge all people contributing to the research, regardless of CME control of the live presentation of that content. This acknowledgement is made in a similar way in other Academy CME activities. Though they are acknowledged, co-authors do not have control of the CME content and their disclosures are not published or resolved.

Program Committee Disclosures

The Academy has a profound duty to its members, the larger medical community and the public to ensure the integrity of all of its scientific, educational, advocacy and consumer information activities and materials. Thus each Academy Trustee, Secretary, committee Chair, committee member, taskforce chair, taskforce member, councilor, and representative to other organizations ("Academy Leader"), as well as the Academy staff and those responsible for organizing and presenting CME activities must disclose interactions with companies and manage conflicts of interest or the appearance of conflicts of interest that affect this integrity. Where such conflicts or perceived conflicts exist, they must be appropriately and fully disclosed and resolved.

Review the list online of financial disclosures for contributors to the Academy's educational activities in 2021 at www.aao.org/annual-meeting/cme-disclosures.

EVOLVING CONCEPTS IN EYE CARE

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Saturday, November 13, 2021

9:15 AM

A Difference in Drug Delivery

Inder Paul Singh, MD

10:00 AM

Refractive Surprise: Evaluation of Cataract Surgery

Karl Stonecipher, MD

10:45 AM

Early FOTM—Early Identification for Patients with Diabetic Macular Edema

Anthony Mazulla, MD

11:30 AM

Experience and Evidence: Insights on Chronic Dry Eye Management

Laura Periman, MD

12:15 PM

Experienced-Based Surgical Perspectives

Oluwatosin Smith, MD

1:00 PM

Toric IOL Pearls: Preventing and Managing Misalignment

David Chang, MD

1:45 PM

Uveitis—A Recent Case in Uveitis: Current Therapeutic Options

Mark Dacey, MD

2:30 PM

A Difference in Drug Delivery

Jason Bacharach, MD

3:15 PM

When the Pressure Is on, Don't Compromise

Jason Bacharach, MD

4:00 PM

The Key Elements of Effective Intravitreal Injection Reimbursement

Richard Morgan

Sunday, November 14, 2021

9:30 AM

A Difference in Drug Delivery

Oluwatosin Smith, MD

10:15 AM

Experience and Evidence: Insights on Chronic Dry Eye Management

Mark Milner, MD

10:45 AM

DME Cases—Integrating Treatment Earlier in Diabetic Macular Edema

Daniel Kiernan, MD

11:45 AM

A Difference in Drug Delivery

Nathan Radcliffe, MD

12:30 PM

Surgical Pearls for Success

Inder Paul Singh, MD

1:15 PM

A Difference in Drug Delivery

Savak Teymorian, MD

2:00 PM

PANEL DISCUSSION Overcoming the Unexpected: Managing Complex Cataract Surgeries

Zaina Al-Mohtaseb, MD; Kendall Donaldson, MD; and Cathleen McCabe, MD

3:15 PM

RVO Cases—Integrating Treatment Earlier in Macular Edema Following RVO

Gaurav Shah, MD

4:00 PM

The Key Elements of Effective Reimbursement in a Physician-Administered Treatment

Dawn Marsillo



Presentations and times are subject to change. These presentations are not affiliated with the official program of the American Academy of Ophthalmology 2021 Annual Meeting or any of its subsidiaries.

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Cornea 2021

A Clear Vision for the New Decade

In conjunction with the Cornea Society

Program Directors: Sophie X Deng MD PhD, Vishal Jhanji MD, and Sonal S Tuli MD

Location: La Nouvelle Orleans Ballroom AB

Saturday, Nov. 13

Welcome and Introductions

7:00 AM	CONTINENTAL BREAKFAST	
8:00 AM	Welcome and Introductions	Sophie X Deng MD PhD Vishal Jhanji MD FRCOphth Sonal S Tuli MD

Section I: Battles Against the Bugs

Moderator: Sophie X Deng MD PhD

8:02 AM	Introduction	Sophie X Deng MD PhD
8:04 AM	COVID-19: The Elephant in the Room	James Chodosh MD MPH
8:12 AM	Transmission of Coronavirus via Ocular Surface: Myth or Fact?	Shahzad I Mian MD
8:20 AM	Impact of COVID-19 on Eyebanking and Keratoplasty	Jennifer Y Li MD
8:28 AM	Discussion	
8:33 AM	Neglected Pandemic of Contact Lens–Related Keratitis	Irene C Kuo MD
8:41 AM	Resistance in Microbial Keratitis	Darlene Miller MPH
8:49 AM	Herpetic Keratitis: Presentation and Management	Todd P Margolis MD PhD
8:57 AM	Case Presentation: Not Your Typical Infectious Keratitis	Zeba A Syed MD
9:03 AM	Discussion	

Section II: Keratoplasty: Layer by Layer

Moderator: Vishal Jhanji MD FRCOphth

9:08 AM	Introduction	Vishal Jhanji MD FRCOphth
9:10 AM	Tricks and Tips for a Successful Anterior Keratoplasty	TBA
9:18 AM	DSAEK for Complex Eyes	Divya Srikumaran MD
9:24 AM	Descemet Membrane Endothelial Keratoplasty for Complex Eyes	Nir Sorkin MD
9:30 AM	Discussion	
9:35 AM	New DMEK Techniques	Isabel Dapena MD PhD
9:43 AM	Corneal Xenotransplantation: Where Do We Stand?	Zuguo Liu MD
9:51 AM	Case Presentation: Custom Keratoplasty	Audrey R Talley Rostov MD
9:57 AM	Discussion	
10:02 AM	In these Unprecedented Times . . .	Darby D Miller MD
10:07 AM	REFRESHMENT BREAK and AAO 2021 EXHIBITS	

Section III: Surgeries of the Anterior Segment

Moderator: Sonal S Tuli MD

10:37 AM	Introduction	Sonal S Tuli MD
10:39 AM	No Zonules, No Problem!	Joanne F Shen MD

Saturday, Nov. 13 (con't)

10:47 AM	The Cornea and Glaucoma Angle	Richard Lee MD
10:55 AM	Iris Reconstruction and Replacement	Michael E Snyder MD
11:03 AM	Discussion	
11:08 AM	Cataract Surgery in the Setting of Endothelial Dysfunction	Francis W Price Jr MD
11:16 AM	Is FLACS a Preferred Choice In the Setting of Fuchs' Endothelia Dystrophy	Nicole R Fram MD
11:24 AM	Cataract Surgery Considerations in Abnormal Corneas	Kristin Hammersmith MD
11:32 AM	Do's and Don'ts of Corneal Crosslinking for Keratoconus	Preeya K Gupta MD
11:40 AM	Case Presentation: What Is That Iris Bump?	Alison H Skalet MD PhD
11:46 AM	Discussion	
11:51 AM	LUNCH and AAO 2021 EXHIBITS	

Section IV: Reconstruction of the Ocular Surface

Moderator: Vishal Jhanji MD FRCOphth

1:11 PM	Introduction	Vishal Jhanji MD FRCOphth
1:13 PM	Global Consensus on Limbal Stem Cell Deficiency	Friedrich E Kruse MD
1:21 PM	Pterygium Surgery Complications and Management	Allan R Slomovic MD FRCSC MSc
1:29 PM	Management of Autoimmune-Mediated Keratolysis	Kimberly C Sippel MD
1:37 PM	Discussion	
1:42 PM	Ocular Surface Squamous Neoplasia: Medical or Surgical Treatment	Sara E Lally MD
1:50 PM	Forniceal and Conjunctival Reconstruction	Clara C Chan MD
1:58 PM	Corneal Manifestations of New Systemic Medications	Michael B Raizman MD
2:06 PM	Case Presentation: Difficult Ocular Surface Construction	Swapna S Shanbhag MBBS
2:12 PM	Discussion	

Section V: Management of Ocular Surface Diseases

Moderator: Sonal S Tuli MD

2:17 PM	Introduction	Sonal S Tuli MD
2:19 PM	Therapeutic Scleral Contact Lenses	Alejandro Navas MD
2:27 PM	Smite the Mite! Novel Blepharitis Treatments	Christine Shieh MD
2:35 PM	Fight the Blight With Light: Lasers for Blepharitis	Vatinee Y Bunya MD
2:43 PM	Discussion	
2:48 PM	New Diagnostics for the Ocular Surface	Olivia L Lee MD
2:56 PM	Emerging Treatments for Dry Eye Disease	Amy Lin MD
3:04 PM	Ocular Neuropathic Pain	Shruti Aggarwal MBBS
3:12 PM	Case Presentation: Not Your Typical Dry Eye	Stephen C Pflugfelder MD
3:18 PM	Discussion	
3:23 PM	REFRESHMENT BREAK and AAO 2021 EXHIBITS	

Section VI: Therapies on the Horizon

Moderator: Sophie X Deng MD PhD

3:53 PM	Introduction	Sophie X Deng MD PhD
3:55 PM	Medical Treatment of Fuchs Endothelial Corneal Dystrophy	Kathryn A Colby MD PhD

Saturday, Nov. 13 (con't)

4:03 PM	Are We Ready for Cell Therapy for Corneal Endothelial Failure?	Shigeru Kinoshita MD
4:11 PM	Clearing the cornea with stem Cells	Sayan Basu MBBS MS
4:19 PM	Induced Pluripotent Stem Cell–Derived Limbal Stem Cells	Kohji Nishida MD
4:27 PM	Discussion	
4:32 PM	New Treatments for Neurotropic Keratitis	Simon Fung MD MA FRCOphth
4:40 PM	Emerging Artificial Corneas	Marjan Farid MD
4:48 PM	Case Presentation: Think Out of the Box!	Jodhbir S Mehta MBBS PhD
4:54 PM	Discussion	
4:59 PM	Closing Remarks	Sophie X Deng MD PhD Vishal Jhanji MD FRCOphth Sonal S Tuli MD

Glaucoma 2021

Making Glaucoma Care the Big Easy

In conjunction with the American Glaucoma Society

Program Directors: Brian A Francis MD, Kelly Walton Muir MD

Location: La Nouvelle Orleans Ballroom AB

Friday, Nov. 12

7:00 AM	CONTINENTAL BREAKFAST	
8:00 AM	Welcome and Introductions	Brian A Francis MD
8:01 AM	American Glaucoma Society Introduction	Ronald Leigh Fellman MD OCS
8:03 AM	AGS Cares	Ronald Leigh Fellman MD OCS
8:08 AM	Announcements	Kelly Walton Muir MD

Section I: Diagnostics/Visual Fields

Moderator: Teresa C Chen MD, John T Lind MD

8:09 AM	OCT Interpretation: Basics and Pearls	Thasarat S Vajaranant MD MHA
8:15 AM	Innovations in Visual Field Testing	Steven L Mansberger MD
8:21 AM	OCT–Visual Field Mismatch: OCT Misinterpreting	Vikas Chopra MD
8:27 AM	OCT–Visual Field Mismatch: VF Misinterpreting	Donald L Budenz MD MPH
8:33 AM	OCT Progression	Jullia A Rosdahl MD PhD
8:39 AM	Visual Field Progression	Steven Gedde MD
8:45 AM	Case Presentations	

Section II: MIGS Case-Based Section

Moderator: Davinder S Grover MD, Christine L Larsen MD

9:00 AM	iStent: Ideal Patient and Key Pearls for Success and Why I Didn't Do the Other MIGS	Sahar Bedrood MD PhD
9:06 AM	Hydrus: Ideal Patient and Key Pearls for Success and Why I Didn't Do the Other MIGS	Craig J Chaya MD
9:12 AM	Goniotomy: Ideal Patient and Key Pearls for Success and Why I Didn't Do the Other MIGS	Leonard K Seibold MD
9:18 AM	Viscodilation: Ideal Patient and Key Pearls for Success and Why I Didn't Do the Other MIGS	Constance O Okeke MD
9:24 AM	Gonioscopy-Assisted Transluminal Trabeculotomy: Ideal Patient and Key Pearls for Success and Why I Didn't Do the Other MIGS	Matthew E Emanuel MD
9:30 AM	Xen Gel Stent: Ideal Patient and Key Pearls for Success and Why I Didn't Do the Other MIGS	Analisa Arosemena MD
9:36 AM	Discussion	
9:51 AM	REFRESHMENT BREAK	

Section III: Medication and Lasers

Moderator: Salwa Abdel-Aziz MD, John T Lind MD

10:21 AM	Are All Ciliary Body Destruction Procedures Created Equal?	Jenny Chen MD
10:29 AM	Mythbusters: Real or Fake Contraindications	Kateki Vinod MD
10:39 AM	Systemic Drugs and Glaucoma: The Effect of Various Systemic Medication on Open-Angle and Closed-Angle Glaucoma	Cara E Capitena Young MD

Friday, Nov. 12 (con't)

10:47 AM	Targets of the Medication Pipeline: New and Emerging Treatments	David A Sola-Del Valle MD
10:55 AM	Alternative Therapeutic Treatments for Glaucoma	Angela R Elam MD
11:03 AM	Emerging Technologies in the Treatment of Glaucoma	Ahmara G Ross MD
11:12 AM	In these Unprecedented Times . . .	Donald L Budenz MD MPH

The American Glaucoma Society Subspecialty Day Lecture

11:17 AM	Introduction of the Lecturer	Donald L Budenz MD MPH
11:19 AM	The Use of Mitomycin C in Traditional and Novel Glaucoma Surgeries	Michele C Lim MD
11:49 AM	Presentation of the Award	Donald L Budenz MD MPH
11:50 AM	LUNCH	

Section IV: Glaucoma in the Digital Age*Moderator: Ian P Conner MD PhD, Babak Eliassi-Rad MD*

1:05 PM	Home Tonometry	Jeffrey R SooHoo MD
1:12 PM	Virtual Reality Visual Fields	Yvonne Ou MD
1:19 PM	Teleglaucoma	Lama A Al-Aswad MD MPH
1:26 PM	App-Based Visual Aids	TBA
1:33 PM	Deep Learning/Artificial Intelligence	Anthony P Khawaja MBBS
1:40 PM	Discussion	

Section V: Journal Club/Late Breaking*Moderator: Ian P Conner MD PhD, Kelly Walton Muir MD*

1:55 PM	Introduction	Ian P Conner MD PhD
1:57 PM	Case Presentation	Ninita H Brown MD PhD
2:01 PM	Clinical Trial Update for Bimatoprost Implant	Felipe A Medeiros MD
2:09 PM	Potential Scientific Basis for Sustained Response to Implant	Douglas J Rhee MD
2:17 PM	Synthesizing the Clinical and Basic Science Information for This Patient	Qi N Cui MD
2:23 PM	Best of AGS: Surgery in the Advanced Angle Closure Patient	Sarah Van Tassel MD
2:30 PM	Best of AGS: Surgery in the Advanced Uveitic Glaucoma Patient	Keith Barton MBBS
2:37 PM	First Robotics Surgical Module - From High-fidelity Micro Stent Plantation to Trabeculotomy	Tsontcho Ianchulev MD
2:44 PM	Status of the CMS bundling for MIGS and How We Got There	Leon W Herndon Jr MD
2:51 PM	REFRESHMENT BREAK	

Section VI: Lens and Glaucoma*Moderator: Teresa C Chen MD, Christine L Larsen MD*

	Glaucoma and Your Native Lens	
3:21 PM	Lens-related Glaucoma and Considerations for Surgical Management	Thomas W Samuelson MD
	Glaucoma and No Lens	
3:26 PM	Aphakic Glaucoma	David S Walton MD
	Glaucoma and Pseudophakic Lenses	
3:31 PM	Uveitis-Glaucoma-Hyphema Syndrome	Iqbal K Ahmed MD

Friday, Nov. 12 (con't)

3:36 PM	Premium and Toric Lenses in Glaucoma Patients	John P Berdahl MD
	Glaucoma and Displaced Lenses	
3:41 PM	Fix It With an Anterior Chamber IOL	Kendall Donaldson MD
3:46 PM	Fix It With an Iris-Sutured Lens	Garry P Condon MD
3:51 PM	Fix It With a Scleral-Fixated Lens	Zaina N Al-Mohtaseb MD
3:56 PM	Discussion	

Section VII: Surgery Videos Intraoperative Challenges*Moderator: Davinder S Grover MD, Lily T Im MD*

4:11 PM	Challenges With Tubes: Conj Tricks, Tube Tricks	Ronald Leigh Fellman MD OCS
4:20 PM	Challenges With Trabs: Conj, Flaps, etc.	Paul F Palmberg MD PhD
4:29 PM	Challenges with Cataract Surgery In Angle Closure	Lilian Nguyen MD
4:38 PM	Complications With Intraoperative Angle Bleeding	Michelle R Butler MD
4:47 PM	Complications With Aqueous Misdirection on the Table; or, Preventing Aqueous Misdirection	Arsham Sheybani MD
4:56 PM	Discussion	
5:06 PM	Closing Remarks	Brian A Francis MD Kelly Walton Muir MD

Neuro-Ophthalmology 2021

Common Concerns, Uncommon Problems: Clues to Finding the Hidden Dangers!

In conjunction with the North American Neuro-Ophthalmology Society (NANOS)

Program Directors: Peter A Quiros MD and Prem S Subramanian MD PhD

Location: La Nouvelle Orleans C

Friday, Nov. 12

Welcome and Introductions

7:00 AM CONTINENTAL BREAKFAST

8:00 AM Welcome and Introductions

Peter A Quiros MD

Prem S Subramanian MD PhD

Section I: I Can't See Straight- Diplopia

Moderators: Jason H Peragallo MD, Madhura A Tamhankar MD

Virtual Moderator: Eric L Berman MD

Panelists: Karl C Golnik MD, Paul H Phillips MD, R Michael Siatkowski MD

8:02 AM Audience Interaction

Peter A Quiros MD

8:03 AM "It's Double When I Drive" 1

Jane A Bailey MD

8:18 AM "It's Double When I Drive" 2

Alberto G Distefano MD

8:33 AM "It's Double When I Drive" 3

Ahmara G Ross MD

8:48 AM "It's Double When I Read" 1

Andrew Melson MD

9:03 AM "It's Double When I Read" 2

Sivashakthi Kanagalingam MD

9:18 AM "It's Double When I Read" 3

Rod Foroozan MD

9:33 AM Summary

Peter A Quiros MD

9:35 AM REFRESHMENT BREAK

Section II: Is This Nerve Okay?- Optic Nerve Disease

Moderators: Anne E Abel MD, John J Chen MD PhD

Virtual Moderator: Courtney E Francis MD

Panelists: Anthony C Arnold MD, Sophia Mihe Chung MD, Mark L Moster MD, Joseph F Rizzo III MD

10:05 AM "My Nerve Looks Normal, but I Can't See" 1

Laura Bonelli MD

10:20 AM "My Nerve Looks Normal, but I Can't See" 2

Crandall E Peeler MD

10:35 AM My Nerve Looks Normal, but I Can't See 3

Sangeeta Khanna MD

10:50 AM Debate: What Should the Workup Be for Optic Atrophy?

11:00 AM "My Nerve Is Swollen, but My Vision Is Fine" 1

Mays A El-Dairi MD

11:15 AM "My Nerve Is Swollen, but My Vision Is Fine" 2

Stacy L Pineles MD

11:30 AM "My Nerve Is Swollen, but My Vision Is Fine" 3

Melinda Y Chang MD

11:45 AM Summary

Prem S Subramanian MD PhD

11:50 AM In these Unprecedented Times . . .

Prem S Subramanian MD PhD

11:52 AM LUNCH

Section III: More Than Meets The Eye - Systemic Disease Manifestations

Moderators: Chantal Boisvert MD, Guy V Jirawuthiworavong MD

Panelists: Valerie Biousse MD, Mark J Kupersmith MD, Andrew G Lee MD, Judith E Warner MD

1:18 PM "I'm Blinded by the Light" 1

M Tariq Bhatti MD

Friday, Nov. 12 (con't)

1:33 PM	"I'm Blinded by the Light" 2	Melissa W Ko MD
1:48 PM	"My Vision Fades Out" 1	TBA
2:03 PM	"My Vision Fades Out" 2	Cristiano Oliveira MD
2:18 PM	Debate: What to Do With Amaurosis and a "Normal" Workup	
2:28 PM	"I Need More Light to See" 1	TBA
2:43 PM	"I Need More Light to See" 2	Kimberly M Wings MD
2:58 PM	Summary	Prem S Subramanian MD PhD
3:00 PM	REFRESHMENT BREAK	

Section IV: What A Pain?- Headache and Eye Pain

Moderators: Valerie I Elmaleh MD, Raghu Mudumbai MD

Panelists: Grant T Liu MD, Nancy J Newman MD

3:30 PM	"My Eye Hurts" 1	Julie Falardeau MD
3:45 PM	"My Eye Hurts" 2	Andrew R Carey MD
4:00 PM	"The Light Hurts My Eye"	Kathleen B Digre MD
4:15 PM	Mini-Talk: Taking a Headache History	Lynn K Gordon MD PhD
4:25 PM	"It Hurts When I Look Around" 1	Kimberly K Gokoffski MD
4:40 PM	"It Hurts When I Look Around" 2	TBA
4:55 PM	Closing Remarks	Peter A Quiros MD

Oculofacial Plastic Surgery 2021

Face Forward

In conjunction with the American Society of Ophthalmic Plastic and Reconstructive Surgery

Program Directors: Catherine Hwang MD, Thomas Edward Johnson MD

Location: Rooms 243/244/245

Saturday, Nov. 13

Welcome and Introductions

7:00 AM CONTINENTAL BREAKFAST

8:00 AM Welcome and Introductions

Catherine Hwang MD
Thomas Edward Johnson MD

Section I: Face Forward—Practice Perfect

Moderator: Catherine Hwang MD

Virtual Moderator: Cat Burkat MD FACS

8:05 AM Building Social Media Presence

Andrea A Tooley MD

8:17 AM Skin Care in Your Practice

Tanuj Nakra MD

8:32 AM Practical Lasers for Your Practice

Julie A Woodward MD

8:44 AM Physician Extenders in My Practice Panel

8:50 AM Q&A/Discussion

Section II: Surgical Videos and Pearls

Moderator: Wendy W Lee MD

Virtual Moderator: Cat Burkat MD FACS

9:05 AM Asian Blepharoplasty Complications

Kyung In Woo MD

9:15 AM Managing Festoons

Julian D Perry MD

9:25 AM Nuances in Brow Lifting

Evan H Black MD

9:35 AM Q&A/Discussion

9:50 AM In these Unprecedented Times . . .

John Bryan Holds MD

9:55 AM REFRESHMENT BREAK and AAO 2021 EXHIBITS

Section III: Filler Up—Injectables

Moderator: Angelo Tsirbas MBBS

Virtual Moderator: Cat Burkat MD FACS

10:25 AM Advanced Periorbital Rejuvenation

Jose R Montes MD

10:37 AM Expert Lower Face and Neck Injectables

John Joseph Martin MD

10:49 AM Lip Service: Lip Injectables

Andrea N Kossler MD

11:01 AM One-Minute Neurotoxin Secret

11:05 AM Q&A/Discussion

11:20 AM Cosmetic Cases: What Would You Do?

Angelo Tsirbas MBBS

11:40 AM LUNCH and AAO 2021 EXHIBITS

Section IV: Eyes Wide Open—Updates in Thyroid Eye Disease

Moderator: M Reza Vagefi MD

Virtual Moderator: Vikram D Durairaj MD

1:00 PM Managing the Active Thyroid Eye Disease Patient

Michael Kazim MD

Saturday, Nov. 13 (con't)

1:10 PM	How Teprotumumab Fits Into My Practice	Suzanne K Freitag MD
1:20 PM	Surgery for the Inactive Thyroid Eye Disease Patient	Louise A Mawn MD
1:30 PM	Thyroid Eye Disease Cases Panel: What Would You Do?	
1:40 PM	Q&A/Discussion	

Section V: Orbiting*Moderator: Daniel B Rootman MD MSc**Virtual Moderator: Vikram D Durairaj MD*

1:55 PM	What's New in Orbital and Adnexal Cancers	Bitá Esmaeli MD FACS
2:07 PM	New Instrumentation in Orbital Surgery	Edward Wladis MD
2:17 PM	Custom 3-D Implants: Tips for Getting Started	Nicholas R Mahoney MD
2:27 PM	Q&A/Discussion	
2:42 PM	REFRESHMENT BREAK and AAO 2021 EXHIBIT	

Section VI: Trending*Moderator: Cat Burkat MD FACS**Virtual Moderator: Vikram D Durairaj MD*

3:12 PM	Orbital Approach to Managing the Neurotrophic Cornea	Michael T Yen MD
3:24 PM	Corneal Neurotization: Breaking the Barriers	Alon Kahana MD PhD
3:36 PM	Managing the Lower Lid in Facial Nerve Palsy	Elizabeth A Bradley MD
3:46 PM	Management of Synkinesis With Toxins	Mark J Lucarelli MD FACS
3:52 PM	Q&A/Discussion	

Section VII: OMIC Risk Management*Moderator: Catherine Hwang MD**Virtual Moderator: Vikram D Durairaj MD*

4:07 PM	PPP: Pandemonium in the Practice of Plastics	Robert G Fante MD FACS Linda D Harrison PhD
4:22 PM	Q&A/Discussion	
4:47 PM	Closing Remarks	Catherine Hwang MD Thomas Edward Johnson MD

Pediatric Ophthalmology 2021

Unmasking Pediatric Ophthalmology and Strabismus by Rethinking, Recreating, and Reimagining

In conjunction with the American Association for Pediatric Ophthalmology and Strabismus and the American Academy of Pediatrics

Program Directors: Gena Heidary MD PhD, David K Wallace MD MPH

Location: Room 243-245

Friday, Nov. 12

Welcome and Introductions

7:00 AM Continental Breakfast

8:00 AM Welcome and Introductions Gena Heidary MD

Section I: Reconsidering Surgical Strategy—Novel Approaches to Common Strabismus

Moderators: Gena Heidary MD, Stacy L Pineles MD

8:01 AM Case 1: Large Infantile Esotropia Alejandra G de Alba-Campomanes MD

8:21 AM Case 2: Duane/CN VI Nerve Linda R Dagi MD

8:41 AM Case 3: Consecutive Exotropia Irene H Ludwig MD

9:01 AM Case 4: CN IV Palsy Jonathan M Holmes MD

9:21 AM Q&A Session

9:30 AM In these Unprecedented Times . . . Christie L Morse MD

Section II: Reimagining Clinical Practice

Moderators: Gil Binenbaum MD, David G Morrison MD

9:35 AM Imagine: A Papilledema Calculator Alexis M Flowers MD

9:45 AM Q&A Session

9:50 AM Imagine: Home Vision Apps Evan Silverstein MD

10:00 AM Imagine: Practical Solutions to Practical Barriers to Care Alejandra G de Alba-Campomanes MD

10:10 AM Q&A Session

10:15 AM Imagine: New Billing Guidelines Anne K Jensen MD

10:25 AM Q&A Session

10:35 AM REFRESHMENT BREAK

Section III: A Renewed Approach to Cataract Management in Kids

Moderator: Deborah K VanderVeen MD

11:05 AM IOL Implantation for Infants: Where Are We in 2021? Erick D Bothun MD

11:17 AM Envision: Dropleess Cataract Surgery M Edward Wilson Jr MD

11:25 AM Optimizing Postoperative Refractive Outcomes Scott K McClatchey MD

11:37 AM How I Work Up New Cataract Patients
Pearls and Tips for Cataract Surgery: How I Do It Deborah K VanderVeen MD

11:45 AM Video 1 Phoebe D Lenhart MD

11:50 AM Video 2 Erick D Bothun MD

11:55 AM Video 3 M Edward Wilson Jr MD

Friday, Nov. 12 (con't)

12:00 PM	Video 4	Bibiana J Reiser MD
12:05 PM	Video 5	Scott R Lambert MD
12:10 PM	Video 6	Deborah K VanderVeen MD
12:15 PM	LUNCH BREAK	

Section IV: Childhood Glaucoma—New Approaches to an Enduring Foe*Moderator: Deborah K VanderVeen MD*

1:15 PM	How to Interpret/Utilize OCT for Management of Childhood Glaucoma	Mays A El-Dairi MD
1:22 PM	Towards an Evidence-Based Future for Childhood Glaucoma Surgery (and a New MIGS Video)	James D Brandt MD
1:34 PM	Don't Forget Me: Strabismus and Glaucoma	Ta Chen Chang MD
1:41 PM	Glaucoma Following Cataract Surgery: What Have We Learned?	Sharon F Freedman MD
	My Glaucoma Surgery and How I Do It	
1:48 PM	My Preferred Angle Surgery: Goniotomy	Brenda L Bohnsack MD PhD
1:53 PM	My Preferred Angle Surgery: Circumferential Schlemm Canal Surgery	Ta Chen Chang MD
2:00 PM	Beyond Angle Surgery: Pearls for Trabeculectomy	Beth Edmunds MD PhD
2:05 PM	Beyond Angle Surgery: The Role for Cycloablation	David A Plager MD

Section V: Looking to the Future—How Clinical Studies Will Impact My Practice*Moderators: Sergul A Erzurum MD, David K Wallace MD MPH*

2:10 PM	NEI Goals and Pediatric Ophthalmology	Michael F Chiang MD
2:15 PM	Intermittent Exotropia Over-Minus Therapy and Myopia Progression	Justin D Marsh MD
2:20 PM	Intermittent Exotropia Prism Therapy	Veeral Shah MD
2:25 PM	How Intermittent Exotropia Studies Will Change My Practice in 2021	Katherine A Lee MD PhD
2:30 PM	Atropine Usage in Myopia	Jason Yam FRCS(ED) MBBS
2:35 PM	Multifocal Contact Lens Use in Myopia and DIMS Lenses	Michael X Repka MD MBA
2:40 PM	How I Am Treating Myopia in 2021	Laura B Enyedi MD
2:45 PM	ROP Prevention Studies	Lois E H Smith MD PhD
2:50 PM	ROP Treatment Studies	Kathryn M Haider MD
2:55 PM	Recurrent ROP Treatment Studies	G Baker Hubbard MD
3:00 PM	How ROP Studies Have Changed My Practice	William V Good MD
3:05 PM	How to Diagnose and Treat Optic Neuritis in 2021	Stacy L Pineles MD
3:10 PM	Discussion	
3:15 PM	REFRESHMENT BREAK	

Section VI: Innovations in the OR: Surgical Pearls for Complex Strabismus*Moderator: Jeffrey S Hunter MD, David G Morrison MD*

3:45 PM	Case 1	Natalie Kerr MD
3:55 PM	Q&A Session	
4:00 PM	Case 2	Omondi L Nyong'o MD

Friday, Nov. 12 (con't)

4:10 PM	Q&A Session	
4:15 PM	Case 3	Federico G Velez MD
4:25 PM	Q&A Session	
4:30 PM	Case 4	Mary C Whitman MD
4:40 PM	Q&A Session	
4:45 PM	Case 5	Cynthia Beauchamp MD
4:55 PM	Q&A Session	
5:00 PM	Closing Remarks	David K Wallace MD MPH
5:01 PM	Adjourn	

Refractive Surgery 2021

How Can We Do Better?

The Annual Meeting of the International Society of Refractive Surgery

Program Directors: Burkhard Dick MD and Deepinder K Dhaliwal MD

Location: New Orleans Theater A

Refractive Surgery E-Posters: Starting Friday, Nov 12, view all posters through the Mobile Meeting Guide, www.aao.org/mobile. Posters are not eligible for CME credit.

Friday, Nov. 12

Welcome and Introductions

7:00 AM CONTINENTAL BREAKFAST

8:00 AM Welcome and Introductions

Burkhard Dick MD
Deepinder K Dhaliwal MD

Keynote Lecture I

8:04 AM Introduction

Deepinder K Dhaliwal MD

8:06 AM State of the Union—Laser Vision Correction

Daniel S Durrie MD

8:16 AM Discussion

Section I: Refractive Surgery Update

Moderator: Burkhard Dick MD

Virtual Moderator: Robert Edward T Ang MD

Panelists: Lorenzo J Cervantes MD, Nicole R Fram MD, Priyanka Sood MD

8:21 AM Introduction

Burkhard Dick MD

8:23 AM 'Tis the Times' Plague

Ronald D Gerste MD

8:33 AM Introduction

Burkhard Dick MD

8:35 AM Building on New Interest in Refractive Surgery and How to Keep Momentum Going

Michael C Knorz MD

8:45 AM Discussion

Section II: Laser Vision Correction

Moderators: Jodhbir S Mehta MBBS PhD, Sonia H Yoo MD

Virtual Moderator: Robert Edward T Ang MD

8:55 AM Therapeutic Custom Ablation: My Pearls

Dan Z Reinstein MD

9:01 AM PRK in KC

A John Kanellopoulos MD

9:07 AM LASIK

Karolinne M Rocha MD

9:13 AM SMILE

John F Doane MD

9:19 AM Discussion

Section III: Phakic Lens Surgery

Moderator: George O Waring MD

Virtual Moderator: Robert Edward T Ang MD

9:34 AM Presbyopia Correction With Refractive IOLs: Pearls and Pitfalls

William B Trattler MD

9:40 AM Presbyopia Correction in the Plano Presbyope

Francesco Carones MD

9:46 AM Presbyopia Correction in the High Myope

Erik L Mertens MD FRACOPht

9:52 AM Surgical Management of the Pre-presbyopic High Hyperope

Steven J Dell MD

9:58 AM Discussion

10:13 AM In these Unprecedented Times . . .

Stephanie Jones Marioneaux MD

Friday, Nov. 12 (con't)

10:18 AM REFRESHMENT BREAK

ISRS Awards*Moderator: Renato Ambrosio Jr MD**Virtual Moderator: Robert Edward T Ang MD*

10:48 AM ISRS Awards Renato Ambrosio Jr MD

Keynote Lecture II

10:58 AM Introduction Burkhard Dick MD

11:00 AM State of the Union—Thoughts on the Future of Refractive Lens Surgery and IOL Implants Richard L Lindstrom MD

11:10 AM Discussion

Section IV: JRS—Hot, Hotter, Hottest Late Breaking News*Moderator: J Bradley Randleman MD**Virtual Moderator: Robert Edward T Ang MD*

11:15 AM Introduction to the Troutman Prize J Bradley Randleman MD

11:17 AM Troutman Prize I - Biomechanics of LASIK Flap and SMILE Cap: A Prospective, Clinical Study Pooja Khamar MBBS MS

11:32 AM Troutman Prize II - Metabolomic Analysis in Corneal Lenticules From Contact Lens Wearers Min Li MD

11:47 AM Feasibility, Safety, and Outcomes With Standard Versus Differential Spot Distance Protocols in Eyes Undergoing SMILE for Myopia and Myopic Astigmatism Sheetal Brar MBBS

11:52 AM Artificial Intelligence Efficiently Identifies Regional Differences in the Progression of Tomographic Parameters of Keratoconic Corneas Rohit Shetty MBBS

11:57 AM Mitomycin C Application After Corneal Cross-linking for Keratoconus Increases Stromal Haze Shady T Awwad MD

12:02 PM Customized Stromal Lenticule Implantation for Keratoconus Farideh Doroodgar MD

12:07 PM Discussion

12:12 PM LUNCH - ISRS Member Lunch: Keratoconus and Ectatic Corneal Diseases

Section V: Video-Based Master Complications*Moderator: Amar Agarwal MD, Deepinder K Dhaliwal MD**Panelists: Jennifer M Loh MD, Priya Narang MS, Vance Michael Thompson MD*

1:42 PM Polypseudophakia For High Hyperopia Sonia H Yoo MD

1:47 PM Complications and Challenges With Intracorneal Ring for Corneal Ectasia Renato Ambrosio Jr MD

1:52 PM Refractive Iris Repair Amar Agarwal MD

1:57 PM Management of Toric IOL Surprises Elizabeth Yeu MD

2:02 PM IOL Scaffold Ashvin Agarwal MD

2:07 PM ISHF: Glued IOL – Yamane – Canabrava Techniques Eric D Donnenfeld MD

2:12 PM Premium IOL Exchange for Unhappy Patient David F Chang MD

2:17 PM Panel Discussion

Friday, Nov. 12 (con't)

Section VI: Cataract & Refractive Lens Surgery—My Pearls*Moderator: Bonnie An Henderson MD*

2:27 PM	Refractive Lens Exchange: SIM vs. SEQ Intraocular Lens Surgery	Julie M Schallhorn MD
2:33 PM	Enhancement Strategy in Premium IOLs: My Best Pearls	Majid Moshirfar MD
2:39 PM	Premium IOL Implantation After Laser Vision Correction: My Greatest Errors and Solutions	Zeba A Syed MD
2:45 PM	Zero Endophthalmitis With Zero Topical Antibiotics	Andrzej Grzybowski MD
2:51 PM	My Decision Tree for Choosing the Type of Presbyopia-Correcting IOL	Luis Izquierdo Jr MD
2:57 PM	Optimizing Outcomes In Toric IOLs	Robert Edward T Ang MD
3:03 PM	Discussion	

Section VII: ESCRS Symposium: Risk Mitigation in Refractive Surgery Using New Technology*Moderator: Rudy Nuijts MD*

3:18 PM	Has Time Come for Spectacle Independency Without Optical Side Effects	Rudy Nuijts MD
3:24 PM	New Management Strategies for Cataract Surgery In The Post Refractive Surgery Patient	Thomas Kohnen MD
3:30 PM	Recent Improvements in Refractive Surgery	Jorge L Alio MD PhD
3:36 PM	Monofocal+ IOL: The New, Standard?	Gerd U Auffarth MD
3:42 PM	Discussion	
3:49 PM	REFRESHMENT BREAK	

Keynote Lecture III (Not eligible for CME credit)

4:19 PM	Introduction	Burkhard Dick MD
4:21 PM	State of the Union—Innovation	William Link PhD
4:31 PM	Discussion	

Section VIII: Innovation (Not eligible for CME credit)*Moderator: Burkhard Dick MD, Deepinder K Dhaliwal MD*

4:36 PM	Introduction & Global Challenges	Jim V Mazzo
4:42 PM	The Role of AI in Refractive Surgery Diagnostics	Marcony R Santhiago MD
4:48 PM	Pharmaceutical Treatment for Presbyopia	TBA
4:54 PM	Femto Lenticular Corneal Shaping	Theo Seiler MD PhD
5:00 PM	Femtosecond Laser—Induced Change of Refractive index	Liliana Werner MD PhD
5:06 PM	Laser-Generated Aperture to Extend Depth of Focus	Omid Kermani MD
5:12 PM	Discussion	
5:30 PM	Closing Remarks	Burkhard Dick MD Deepinder K Dhaliwal MD
5:31 PM	Adjourn	

Retina 2021

Emerging Even Stronger

In conjunction with the American Society of Retina Specialists, the Macula Society, the Retina Society, and Club Jules Gonin

Program Directors: Mark W Johnson MD, Srinivas R Sadda MD

Location: The Great Hall

Friday, Nov. 12

7:00 AM	CONTINENTAL BREAKFAST	
8:00 AM	Opening Remarks	Mark W Johnson MD Srinivas R Sadda MD
Section I: Vitreoretinal Surgery, Part I		
<i>Moderator: Steven T Charles MD</i>		
8:03 AM	Advances in Complex Ocular Construction in Association With Permanent Boston Keratoprosthesis Placement	Donald J D'Amico MD
8:09 AM	Management of Fellow Eyes of Patients With Non-traumatic Giant Retinal Tears	Harry W Flynn MD
8:15 AM	Tips for Handling Complex Retinal Detachments	Dean Elliott MD
8:21 AM	Management of Vision-Obscuring Vitreous Hemorrhage Associated With Posterior Vitreous Detachment: Observe or Operate?	Gaurav K Shah MD
8:27 AM	Vitrectomy for Diabetic Traction Retinoschisis	Stanley Chang MD
8:33 AM	Submacular Hemorrhage: Surgical Indications and Technique	Sophie Bakri MD
8:39 AM	Giant Internal Limiting Membrane Tears: Pathogenesis, Clinical Characteristics, and Surgical Utility	Mark W Johnson MD
8:45 AM	New Strategies to Treat Myopic, Chronic, and Persistent Macular Holes	John T Thompson MD
8:51 AM	Vitreoretinal Surgery Panel	<i>Panel Moderator: H Richard McDonald MD</i> <i>Panelists: Sophie J Bakri MD</i> <i>Jonathan Chang MD</i> <i>John T Thompson MD</i>
Section II: Public Health, Education, and the Business of Retina		
<i>Moderator: George A Williams MD</i>		
9:06 AM	A Multicountry Analysis of the Effect of COVID-19 on Outcomes of VEGF Inhibitor Therapy	Mark C Gillies MD PhD
9:12 AM	Developing a Pandemic Coronavirus Vaccine	Lbachir Benmohamed PhD
9:18 AM	What the Retina Specialist Should Know About Activities at the National Eye Institute	Michael F Chiang MD
9:24 AM	Current Status of U.S. Fellowship Monitoring and Compliance	Justin L Gottlieb MD
9:30 AM	The Process of Quality	Timothy W Olsen MD
9:36 AM	Diversity, Equity, and Inclusion in Retina	Julia A Haller MD
9:42 AM	Variations in Vitreoretinal Physician Utilization of Ancillary Testing: An IRIS® Registry Analysis	Theodore Leng MD
9:47 AM	In these Unprecedented Times . . .	Gareth M Lema MD

Friday, Nov. 12 (con't)**The Charles L Schepens MD Lecture**

9:52 AM	Introduction of the 2021 Charles L Schepens MD Lecturer	David W Parke II MD
9:57 AM	Advanced Retinal Implants	Mark S Humayun MD PhD
10:17 AM	REFRESHMENT BREAK	

Section III: My Best Medical Retina Case*Moderator: William F Mieler MD*

10:57 AM	Case Presentation	William F Mieler MD
11:00 AM	Discussion	
11:03 AM	Case Presentation	David Sarraf MD
11:06 AM	Discussion	
11:09 AM	Case Presentation	J Michael Jumper MD
11:12 AM	Discussion	
11:15 AM	Case Presentation	Amani Fawzi MD
11:18 AM	Discussion	
11:21 AM	Case Presentation	Lee M Jampol MD
11:24 AM	Discussion	

Section IV: Medical Retina and Chorioretinal Vascular Disease*Moderator: Anita Agarwal MD*

11:27 AM	Should We Reconsider the Diagnosis of Idiopathic Uveal Effusion Syndrome?	Alain Gaudric MD
11:33 AM	Central Serous Choroidopathy: What Can We Learn From OCT Angiography?	Nicole Eter MD
11:39 AM	Patterns of Choroidal Venous Insufficiency Influencing Pachychoroid Disease	K Bailey Freund MD
11:45 AM	Beyond Pachychoroid: Venous Overload Chorioretinopathy	Richard F Spaide MD
11:51 AM	How Does the Venous Outflow Pathway Change In Central Serous Chorioretinopathy?	Shoji Kishi MD PhD
11:57 AM	What's New in Retinal Dystrophies?	Jacque L Duncan MD
12:03 PM	Blood–Brain Barrier Disruption Maculopathy	Phoebe Lin MD PhD
12:09 PM	The Role of the Intestinal Microbiome in Retinal Diseases	Sebastian Wolf MD PhD
12:15 PM	LUNCH	

Section V: Uveitis*Moderator: Sunil K Srivastava MD*

1:40 PM	Update on Uveitic Macular Edema	Douglas A Jabs MD MBA
1:46 PM	Update on Intraocular Sustained Drug Delivery for Uveitis	Glenn J Jaffe MD
1:52 PM	Novel Therapies in Development for Non-infectious Intermediate, Posterior, and Pan-Uveitis	Quan Dong Nguyen MD
1:58 PM	Uveitis Panel Discussion	<i>Panel Moderator: Sunil K Srivastava MD</i> <i>Panelists: Nisha Acharya MD</i> <i>Stephen J Kim MD</i> <i>Phoebe Lin MD PhD</i>

Friday, Nov. 12 (con't)

Section VI: The 2021 Debates

Moderator: Tarek S Hassan MD, John S Pollack MD

2:13 PM	Telemedicine Screening for Diabetic Retinopathy Is Ready to Go	Jennifer Irene Lim MD
2:16 PM	Telemedicine Screening for Diabetic Retinopathy Has a Ways to Go	Christina Y Weng MD MBA
2:19 PM	Audience Vote	
2:20 PM	The Risk/Benefit Ratio for Brolucizumab Is Acceptable	Rishi P Singh MD
2:23 PM	The Risk/Benefit Ratio for Brolucizumab Is Not Acceptable	Paul Hahn MD PhD
2:26 PM	Audience Vote	
2:27 PM	The Best Treatment for Severe Nonproliferative Diabetic Retinopathy Without Diabetic Macular Edema Is Regular Anti-VEGF Therapy	Diana Do MD
2:30 PM	The Best Treatment for Severe Nonproliferative Diabetic Retinopathy Without Diabetic Macular Edema Is Regular Observation	Ramin Tadayoni MD PhD
2:33 PM	Audience Vote	
2:34 PM	The Best Procedure for Large Refractory Macular Hole Is Autologous Retinal Transplantation	Dilraj Singh Grewal MD
2:37 PM	The Best Procedure for Large Refractory Macular Hole Is Perifoveal Hydrodissection	Carsten H Meyer MD
2:40 PM	Audience Vote	

Section VII: Late Breaking Developments, Part I

Moderator: Mark S Humayun MD PhD

Panelists: Kanishka T Jayasundera, MD, Dante Pieramici MD, Shlomit Schaal MD, PhD, Elliott H Sohn MD

2:41 PM	Brolucizumab For Treatment of Diabetic Macular Edema (DME): 52-Week Results from the KESTREL and KITE Phase 3 Studies	Dilsher S Dhoot MD
2:46 PM	A Treatment-Agnostic Analysis Of the Long-Term Impact of IRF and SRF On Vision and Anatomy In nAMD In the HAWK And HARRIER Studies	David A Eichenbaum MD
2:51 PM	Discussion	
2:56 PM	Dosing Errors With Aflibercept Pre-filled Syringe	Roger A Goldberg MD
3:01 PM	New Navigated Single-Capture 3D And Cross-Sectional Wide-Field OCT Of the Mid and Peripheral Retina and Vitreoretinal Interface	Paulo E Stanga MD
3:06 PM	Discussion	
3:11 PM	Optogenetics in the Clinic: Safety and Efficacy Updates on the Phase I/II Clinical Trial PIONEER	Jose A Sahel MD
3:16 PM	Long-term Evaluation of Retinitis Pigmentosa (RP) Patients Implanted with A Novel Epiretinal Prosthetic Device	Peter W Stalmans MD
3:21 PM	Discussion	

Friday, Nov. 12 (con't)

Section VIII: First-time Results of Clinical Trials

Moderator: Deeba Husain MD

3:26 PM	Results From a Phase 2 Study of ADVIM-022 Intravitreal Gene Therapy for Diabetic Macula Edema: The INFINITY Trial	David S Boyer MD
3:32 PM	Two-Year Results From the Subretinal RGX-314 Gene Therapy Phase 1/2a Study for the Treatment of Neovascular AMD	Robert L Avery MD
3:38 PM	Treatment of Geographic Atrophy Secondary to Age-Related Macular Degeneration With Pegcetacoplan: Updates on the Randomized Phase 3 DERBY and OAKS Trials	Charles C Wyckoff MD PhD
3:44 PM	MERLIN: Results From the Phase 3a Trial of Brolucizumab in Patients With nAMD and Persistent Retinal Fluid	Arshad M Khanani MD
3:50 PM	Three-Year Results of the Paladin Study of the Fluocinolone Implant for Diabetic Macular Edema	Michael A Singer MD
3:56 PM	Closing Remarks	Mark W Johnson MD Srinivas R Sadda MD

Saturday, Nov. 13

7:00 AM	CONTINENTAL BREAKFAST	
8:00 AM	Opening Remarks	Mark W Johnson MD Srinivas R Sadda MD
Section IX: Imaging		
<i>Moderator: Steven D Schwartz MD</i>		
8:05 AM	Novel OCT Findings	Caroline R Bauman MD
8:11 AM	OCT Imaging of the Retinal Periphery	Netan Choudhry MD
8:17 AM	Macrophages Swarming the Macula: Visualizing Cellular Activities in Retinal Vascular Disease Using Clinical OCT Images	Richard Rosen MD
8:23 AM	Visualization of Posterior Vitreous by Ultrawide-field and AI-Based 3-D OCT Imaging	Kyoko Ohno-Matsui MD
8:29 AM	How to Determine Posterior Vitreous Detachment Status With a 10-Second Retinal Nerve Fiber Layer Scan and Patient Age	David Brown MD FACS
8:35 AM	OCT Imaging with Optical Attenuation Coefficients	Philip J Rosenfeld MD PhD
8:41 AM	OCT Angiography Update	Nadia Khalida Waheed MD
8:47 AM	Imaging Panel Discussion: OCT Diagnoses You Don't Want to Miss	<i>Panel Moderator: Jay S Duker MD</i> <i>Panelists: Gemmy Chui Ming Cheung</i> <i>MBBCHIR FRCOphth</i> <i>Justis P Ehlers MD</i> <i>Eleonora G Lad MD PhD</i> <i>Nadia Khalida Waheed MD</i>
Section X: Late Breaking Developments, Part II		
<i>Moderator: Anat Loewenstein MD</i>		
<i>Panelists: Rajendra S Apte MD PhD, Alexander J Brucker MD, Colin McCannel MD, Paul Sternberg Jr MD</i>		
9:02 AM	Intravitreal Sunitinib Malate Depot (GB-102): Durability and Safety in Wet Age-Related Macular Degeneration (ALTISSIMO, Phase 2B)	Veeral Sheth MD
9:07 AM	Results Of a Phase 1 Dose Escalation Open Label Trial Of EYP-1901 in Previously Treated Wet AMD Patients	David S Boyer MD
9:12 AM	Discussion	
9:17 AM	Safety and Efficacy Results of ONS-5010, An Ophthalmic Bevacizumab, from Phase 3 Study of Monthly Intravitreal ONS-5010 In Subjects with Wet AMD (NORSE 2)	Firas M Rahhal MD
9:22 AM	Nascent GA and Intermediate AMD Progression in the GATHER1 Clinical Trial: Post Hoc Analyses of 18-Month Data	David Lally MD
9:27 AM	Discussion	
Section XI: Neovascular AMD		
<i>Moderator: Kirk H Packo MD</i>		
9:32 AM	Unanswered Questions in AMD: Trials We Didn't Do in the DRCR Retina Network	Daniel F Martin MD
9:38 AM	Port Delivery System (PDS) Long-term Follow-up	Peter A Campochiaro MD
9:44 AM	Faricimab In Neovascular Age-related Macular Degeneration: 1-year Efficacy, Safety, and Durability In the Phase 3 TENAYA and LUCERNE Trials	Carl D Regillo MD FACS
9:50 AM	Recalcitrant Fluid in Neovascular AMD: Why Does It Not Go Away?	David Sarraf MD
9:56 AM	What's Wrong With Step Therapy for Wet AMD?	Paul Sternberg Jr MD

Saturday, Nov. 13 (con't)

10:02 AM	Neovascular AMD Panel Discussion	<i>Panel Moderator: Sunir J Garg MD FACS</i> <i>Panelists: Karl G Csaky MD</i> <i>Jean-Pierre Hubschman MD</i> <i>Mathew W MacCumber MD PhD</i>
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10:17 AM REFRESHMENT BREAK and AAO 2021 EXHIBITS

Section XII: Oncology

Moderator: Evangelos S Gragoudas MD

10:57 AM	Clinically Actionable Mutations in 1700 Patients From the Collaborative Ocular Oncology Group Using a Uveal Melanoma Next-Generation Sequencing Panel	J William Harbour MD
11:03 AM	Retinal Toxicity of Novel Cancer Treatments	Jasmine H Francis MD
11:09 AM	Oncology Panel Discussion	<i>Panel Moderator: Timothy G Murray MD MBA</i> <i>Panelists: David Abramson MD FACS</i> <i>Jasmine H Francis MD</i> <i>Ivana K Kim MD</i> <i>Tara A McCannel MD</i> <i>Prithvi Mruthyunjaya MD</i>

Section XIII: Diabetic Retinopathy

Moderator: Lloyd P Aiello MD PhD, Jennifer K Sun MD

11:24 AM	Guidelines for Managing Diabetic Macular Edema Based on Visual Acuity	Neil M Bressler MD
11:30 AM	Faricimab Diabetic Macular Edema Phase 3 Trial	Jeffrey S Heier MD
11:36 AM	Let There Be Light! Photobiomodulation for Diabetic Macular Edema	Judy E Kim MD
11:42 AM	Use of Ultra-widefield Fluorescein Angiography in the Management of Diabetic Retinopathy	Barbara Ann Blodi MD
11:48 AM	Lapses in Care When Treating Proliferative Diabetic Retinopathy: What Have We Learned?	Susan B Bressler MD
11:54 AM	Panretinal Photocoagulation: A Rational Guide for Its Use	David N Zacks MD PhD
12:00 PM	DRCR Protocol W: Prophylactic Use of Anti-VEGF Treatment	Raj K Maturi MD
12:06 PM	Diabetic Retinopathy Panel Discussion	<i>Panel Moderator: Jennifer K Sun MD</i> <i>Panelists: Lloyd P Aiello MD PhD</i> <i>Gregg T Kokame MD</i> <i>Susanna S Park MD PhD</i> <i>John A Wells III MD</i>

12:21 PM LUNCH and AAO 2021 EXHIBITS

Section XIV: Pediatric Retina

Moderator: G Baker Hubbard MD

1:41 PM	The International Classification of Retinopathy of Prematurity, 3rd Edition	R V Paul Chan MD
1:47 PM	Emerging Therapies for Pediatric Retinal Diseases	Antonio Capone Jr MD
1:53 PM	Disparities in Geographic Access to U.S. ROP Treatment Centers	Yoshihiro Yonekawa MD
1:59 PM	Pediatric Retina Panel Discussion	<i>Panel Moderator: G Baker Hubbard MD</i> <i>Panelists: Audina Berrocal MD</i> <i>Mary Elizabeth Hartnett MD FACS</i> <i>Cagri G Besirli MD</i>

Saturday, Nov. 13 (con't)**Section XV: Gene and Cell-Based Therapies***Moderator: Paul A Sieving MD PhD*

2:14 PM	Where Do We Stand With Cell-Based Therapy for Retinal Diseases?	Rajesh C Rao MD
2:20 PM	Delivery Strategies for Gene and Cell Therapies in Retinal Disease	Allen C Ho MD
2:26 PM	Drug and Gene Delivery Through the Suprachoroidal Space	Glenn C Yiu MD PhD
2:32 PM	Real-world Outcomes of Voretigene Neparvovec (Luxturna) Subretinal Gene Therapy	Cagri G Besirli MD
2:38 PM	OpRegen Trial: Phase I/IIa Dose Escalation Study of Human Embryonic Stem Cell-Derived Retinal Pigment Epithelium Cells Transplanted Subretinally in Patients With Advanced AMD	Michael S Ip MD
2:44 PM	Intravitreal Human Retinal Progenitor Cells for the Treatment of Retinitis Pigmentosa	Baruch D Kuppermann MD PhD

Section XVI: Non-exudative AMD*Moderator: Lawrence J Singerman MD*

2:50 PM	OCT Risk Factors for Late AMD: Implications for Clinical Practice	Srinivas R Sadda MD
2:56 PM	Morphologic Predictors of Conversion From Nonexudative to Exudative AMD	Usha Chakravarthy MBBS PhD
3:02 PM	Ten-Year Follow-up Data From the AREDS2 Study	Emily Y Chew MD
3:08 PM	Nascent Geographic Atrophy	Robyn H Guymer MBBS PhD
3:14 PM	Is All Macular Atrophy the Same?	Giovanni Staurengi MD
3:20 PM	Approaches To Treat Dry AMD in Clinical Trials	Peter K Kaiser MD
3:26 PM	REFRESHMENT BREAK and AAO 2021 EXHIBITS	

Section XVII: Artificial Intelligence*Moderator: Suber S Huang MD*

4:00 PM	Multicenter, Head-to-Head, Real-World Validation Study of Seven Automated Artificial Intelligence Diabetic Retinopathy Screening Systems	Aaron Y Lee MD
4:06 PM	Prediction of Systemic Diseases From Eye Images Using AI and Deep Learning	Tien Yin Wong MBBS
4:12 PM	AI-Based Fluid Monitoring In Clinical Practice	Ursula M Schmidt-Erfurth MD
4:18 PM	Clinician-Driven Machine Learning: A New Phase for AI-Enabled Health Care?	Pearse A Keane MBBSCh

Section XVIII: Vitreoretinal Surgery, Part II*Moderator: Carl C Awth MD*

4:24 PM	New Instrumentation for Vitreoretinal Surgery	David R Chow MD
4:30 PM	Vision Degrading Myodesopsia	Jerry Sebag MD
4:36 PM	Management of Myopic Traction Maculopathy	Barbara Parolini MD
4:42 PM	Surgical Techniques for Secondary IOLs	Jonathan Prenner MD
4:48 PM	Rho Kinase Inhibition Reduces Photoreceptor Damage After Retinal Detachment: Possible Implications for Gene and Cell Therapy	Marco A Zarbin MD PhD FACS

Saturday, Nov. 13 (con't)

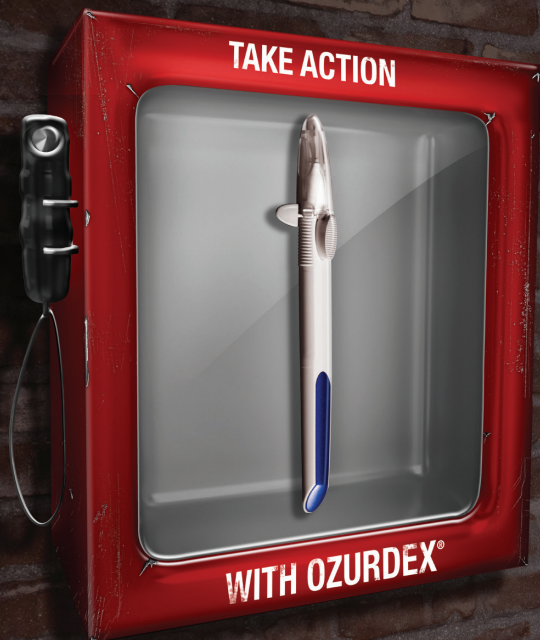
Section XIX: Surgical Videos: Cool Cases and Complications

Moderator: Kourous Rezaei MD

4:54 PM	Subretinal Blu	Grazia Pertile MD
4:57 PM	Discussion	
5:00 PM	Suprachoroidal Air	Marcos P Avila MD
5:03 PM	Discussion	
5:06 PM	Endophthalmitis	Geoffrey G Emerson MD PhD
5:09 PM	Discussion	
5:12 PM	Endolaser	Gerardo Garcia-Aguirre MD
5:15 PM	Discussion	
5:18 PM	Scleral Buckling & Subretinal Hemorrhage	Maria H Berrocal MD
5:21 PM	Discussion	
5:24 PM	Closing Remarks	Mark W Johnson MD Srinivas R Sadda MD

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corporate-lunches](http://aao.org/eyenet/corporate-lunches)
for updated
program
information.

SATURDAY, NOV. 13

First-Line Treatment in Diabetic Retinopathy and Diabetic Macular Edema: A Patient Case-Based Approach

Speaker: Nathan Steinle, MD

Presented by Regeneron Pharmaceuticals and designed for US retina specialists.

SUNDAY, NOV. 14

Navigating Dry Eye Disease: An Audience-Activated Adventure

Speaker: Jay K Mattheis, MD, MSPH, FACS—Director, Peer
Education for Novartis - US Ophthalmics

*Dr. Mattheis is an employee of Novartis. Presented by Novartis Pharmaceuticals
Corporation and designed for US eye care specialists.*

MONDAY, NOV. 15

A Difference in Drug Delivery

Speakers: Ike Ahmed, MD (moderator), Oluwatosin Smith, MD,
and Savak Teymoorian, MD

Presented by Allergan, an AbbVie Company and designed for US ophthalmologists.

**Ernest N. Morial
Convention Center**

Room R02-05,
2nd Floor

**Check-in and
Lunch Pickup**

12:15-12:45 p.m.
Lunches are provided
on a first-come basis.

Program

12:45-1:45 p.m.

These programs are non-CME and are developed independently by industry. They are not affiliated with the official program of AAO 2021 or Subspecialty Day. By attending a lunch, you may be subject to reporting under the Open Payments Program (Sunshine Act). Also, by attending a lunch, you consent to share your contact data, inclusive of National Provider ID, with the corporate partner.

Programs-by-Day

All rooms are in Morial Convention Center, unless otherwise indicated. Check www.aao.org/mobile for most current room and meeting information.

\$ Requires a ticket or separate registration. If no \$ symbol the session is included in AAO 2021 registration.

In Person Only: Session takes place only in New Orleans, it will not be broadcast or recorded for the virtual meeting. All other sessions will be available to view on demand in the virtual meeting, www.aao.org/virtual-meeting.

Credit hours are 1:1 CME.

Topic Key

CAT - Cataract	PM-BUS - Business Operations & Finance
COR - Cornea, External Disease	PM-EHR - Electronic Health Records, MIPS
EHR - Electronic Health Records, Information Technology	PM-HRM - Human Resources
ETH - Ethics	PM-IMT - Information Technology, Cybersecurity
GEN - General Medical	PM-MKT - Marketing
GLA - Glaucoma	PM-OPT - Alternative Revenue Sources
GO - Global Ophthalmology	PM-PROF - Professional Growth, Leadership
HP - Health Policy	PM-PQ - Practice Quality Improvement
HIST - Ophthalmic History	PM-REMB - Coding & Reimbursement
INTRA - Uveitis, Intraocular Inflammation	PM-RISK - Compliance & Risk Management
MEDED - Medical Education	PM-SML - Small Practice
NEURO - Neuro-Ophthalmology	PM-STAFF - Staff Training & Development
NON - General Non-Medical	REF - Refractive Surgery
OPTIC - Optics, Refraction, Contact Lenses	RET - Retina, Vitreous
PATH - Ocular Pathology, Oncology	TRAUMA - Trauma
PEDS - Pediatric Ophthalmology, Strabismus	VIS - Vision Rehabilitation
PLAST - Oculoplastics, Orbit	WELL - Wellness

Friday, Nov. 12

Time	No.	Title	Topic	\$	In Person Only
7:00 AM - 5:30 PM	FRIGLA	Glaucoma Subspecialty Day: Making Glaucoma Care the Big Easy	GLA	\$	
	FRINEU	Neuro-Ophthalmology Subspecialty Day: Common Concerns, Uncommon Problems: Clues to Finding the Hidden Dangers!	NEURO	\$	
	FRIPED	Pediatric Ophthalmology Subspecialty Day: Unmasking Pediatric Ophthalmology and Strabismus by Rethinking, Recreating, and Reimagining	PEDS	\$	
	FRIREF	Refractive Surgery Subspecialty Day: How Can We Do Better?	REF	\$	
	FRIRET	Retina Subspecialty Day: Emerging Even Stronger	RET	\$	
8:00 AM - 5:00 PM	SPE01	ASORN Nursing Program: Friday	GEN		In Person Only
9:00 AM - 12:00 PM	MC01	New! Billing and Beyond: Optimize Your Revenue Cycle Management	PM-BUS	\$	In Person Only
	MC02	New! The Evolving Retina Practice: How to Lead Post-COVID	PM-BUS	\$	In Person Only
	21CODE1	Fundamentals of Ophthalmic Coding	PM-REMB	\$	In Person Only
12:30 - 1:45 PM	SPE03	ISRS Member Lunch	REF		In Person Only
1:30 - 4:30 PM	MC03	New! Five Steps to Effective Financial Management	PM-BUS	\$	In Person Only
	MC04	New! Clear Communication Matters: Minimize Risk and Improve Practice Team Dynamics	PM-RISK	\$	In Person Only
	21CODE2	Coding Camp	PM-REMB	\$	In Person Only
5:00 - 6:30 PM	SYM48	Opening Session	NON		

Information is accurate as of Sept. 24.

Check www.aao.org/mobile for the most current information.

Saturday, Nov. 13

Time	No.	Title	Topic	\$	IP
7:00 AM - 5:30 PM	SATCOR	Cornea Subspecialty Day: A Clear Vision for the New Decade	COR	\$	
	SATOCU	Oculofacial Plastic Surgery Subspecialty Day: Face Forward	PLAST	\$	
	SATRET	Retina Subspecialty Day: Emerging Even Stronger	RET	\$	
8:00 - 9:15 AM	OP01	Glaucoma Original Papers	GLA		
	SYM02	Radiation Treatment for Ocular and Ocular Adnexal Tumors: Updates for the Ophthalmologist	PATH		
	SYM05	Infectious Disease in Neuro-Ophthalmology: It's Not Just COVID-19	NEURO		
	LEC102	Manual Small-Incision Cataract Surgery	GO		In Person Only
	LEC103	Corneal Incisions to Correct Astigmatism	REF		In Person Only
	LEC104	Phacoemulsification and Advanced Techniques: The Core Curriculum	CAT		In Person Only
	LEC105	Imaging of the Optic Nerve and Nerve Fiber Layer	GLA		In Person Only
	204	Intracameral Antibiotic Prophylaxis: Why, Which One and How?	CAT		
	206	Uveitic Glaucoma: Mechanisms and Management	GLA		
	208	Communication Strategies for Multidisciplinary Teamwork in Uveitis	INTRA		In Person Only
	290	Trailblazers: How to Advance the Standard of Care in Your Community Safely	HP		In Person Only
	SYM49	AAOE General Session: Superpowers in the Workplace: How to Empower Your Practice Team	PM-PQ		
8:00 - 9:30 AM	LAB100	Workshop in Techniques of Lacrimal Intubation	PLAST	\$	In Person Only
8:00 - 10:00 AM	LAB101	Advanced Suturing: Scleral and Iris Fixation of Posterior Chamber IOLs Plus Intraocular Knot Tying	CAT	\$	In Person Only
	LAB107	No Capsule, No Problem: Intrasccleral Haptic Fixation of IOLs	CAT	\$	In Person Only
8:00 AM - 4:05 PM	SPE02	ASORN Nursing Program: Saturday	GEN		In Person Only
9:10 AM - 5:00 PM	ISC	Industry Showcase			In Person Only
9:15 AM - 5:00 PM	PT	Poster Theater			In Person Only
9:30 AM - 5:00 PM	TECH	Technology Pavilion			In Person Only
	LL	Learning Lounge			In Person Only
9:45 - 11:00 AM	SYM03	Management of Pediatric Ocular Trauma	PEDS		
	SYM04	What You Need to Know From the Past Year's Literature	GEN		
	SP01	New Approaches to Growing Your Practice	GEN		
	LEC109	Anterior Lamellar Keratoplasty: Principles and Practice	COR		In Person Only
	LEC110	Advanced Periorbital Flap and Graft Techniques	PLAST		In Person Only
	LEC111	Trabeculectomy Techniques: Tips and Tricks	GLA		In Person Only
	LEC112	Learning the DMEK Procedure	COR		In Person Only
	211	Life in the Exam Lane: Your 2022 Scribe/Tech Survival Guide	PM-STAFF		In Person Only
	212	Patient Satisfaction Made Simple: Seven Steps	PM-PQ		In Person Only
	214	Yes! You Can Still Start a New Private Practice	PM-BUS		

Saturday, Nov. 13 (con't)

Time	No.	Title	Topic	\$	IP
9:45 - 11:00 AM (con't)	215	Assessing the Feasibility of New Business Opportunities	PM-BUS		In Person Only
	216	Lean Unexpectedly Proves Its Value During the COVID-19 Pandemic	PM-PQ		
	217	Conquering Capsule Complications: My Best Teaching Videos	CAT		
	218	OCT in Glaucoma: What's Real Disease and What's Red Disease?	GLA		
	220	Understanding Fundus Autofluorescence: The ABCs of FAF	RET		
	221	Surgery for Retinal Detachment in the Modern Era	RET		In Person Only
	222	Advanced IOL Power Calculations for the Cataract and Refractive Surgeon	CAT		In Person Only
	224	Therapeutic Corneal Refractive Surgery	REF		In Person Only
	226	Intraoperative Optical Coherence Tomography and 3-D Heads-up Operating Microscope-Guided Ophthalmic Surgery: A New Frontier in Ophthalmology	CAT		In Person Only
	SYM52	Academy Café: Cataract	CAT		
	OP02	Uveitis Original Papers	INTRA		
10:00 - 11:30 AM	LAB103A	Corneal Incisions to Correct Astigmatism	REF	\$	In Person Only
10:30 AM - 12:00 PM	LAB102A	Manual Small-Incision Cataract Surgery		\$	In Person Only
10:30 AM - 12:30 PM	LAB114	Basic Oculoplastic Surgery	PLAST	\$	In Person Only
11:30 AM - 12:30 PM	SYM06	Michael F Marmor Lecture in Ophthalmology and the Arts	NON		
	LAB115	iPhoto: Use of Smartphones for Fundus and External Photos	GLA	\$	In Person Only
11:30 AM - 12:45 PM	OP03	Pediatric Ophthalmology, Strabismus Original Papers	PEDS		
	SYM07	Same-Day Bilateral Cataract Surgery	CAT		
	SYM08	Diagnostic and Treatment Challenges of Ocular Infection vs. Inflammation	INTRA		
	LEC116	Management of the Vitreous for the Anterior Segment Surgeon	CAT		In Person Only
	LEC117	Glaucoma Tube Shunts to Equatorial Plate Reservoir	GLA		In Person Only
	LEC118	Advanced Refractive Cataract Surgery and Anterior Segment Reconstruction	CAT		In Person Only
	227	Top 20 Tips for Optimal Billing	PM-BUS		In Person Only
	228	Personal Financial Management for Ophthalmologists in a Post-COVID World	PM-BUS		In Person Only
	229	Boost Physician Efficiencies: Creating a Lean Culture With Technology	PM-PQ		In Person Only
	230	Regulatory Compliance Competencies for the Ophthalmic Technician	PM-STAFF		In Person Only
	231	Private Equity Investors 2021: Game On!	PM-BUS		
	232	Physician-to-Physician Practice Sales	PM-BUS		
	233	EDOF, Pinhole and Trifocal IOLs: A Practical Guide to Adopting New Advanced-Technology IOLs to Correct Presbyopia	CAT		
	234	Step-by-Step Management of Dry Eye Disease	COR		In Person Only
	235	Improve IOL Power Accuracy	CAT		In Person Only
	236	DMEK: A Simplified Technique to Shorten the Learning Curve and Avoid Complications	COR		In Person Only
	238	Retinal Cases With a Point	RET		In Person Only

Saturday, Nov. 13 (con't)

Time	No.	Title	Topic	\$	IP
11:30 AM - 12:45 PM (con't)	239	Solutions to Problems in Glaucoma Surgery	GLA		
	241	Lotions, Potions, OnabotulinumtoxinA and Fillers: Nonlaser Rejuvenation for the Ophthalmologist	PLAST		In Person Only
	244	Visual Rehabilitation With Specialty Contact Lenses and Corneal Disease	OPTIC		In Person Only
	245	Basic and Clinical Science Course (BCSC) 5 Neuro-Ophthalmology Major Revision Course	NEURO		In Person Only
	247	Danger Zone: Refractive Surgery Nightmares and Worst-Case Scenarios—A Video-Based Course	REF		In Person Only
	SYM54	Academy Café: Alternatives to Traditional Group Ophthalmology Private Practice-What Are My Options?	PM-BUS		
	SYM67	Artificial Intelligence and Big Data:How They are Driving Clinical Care Decision-Making in the VA and DoD	COM		
11:30 AM - 1:30 PM	LAB105A	Imaging of the Optic Nerve and Nerve Fiber Layer	GLA	\$	In Person Only
12:30 - 2:30 PM	LAB109A	Anterior Lamellar Keratoplasty: Principles and Practice	COR	\$	In Person Only
1:00 - 2:30 PM	LAB104A	Phacoemulsification and Advanced Techniques	CAT	\$	In Person Only
	LAB111A	Trabeculectomy Techniques	GLA	\$	In Person Only
1:15 - 1:45 PM	SPE04	OMIC Annual Members Meeting	NON		In Person Only
1:30 - 3:00 PM	LAB110A	Advanced Periocular Flap and Graft Techniques	PLAST	\$	In Person Only
2:00 - 3:15 PM	OP04	Cataract Original Papers	CAT		
	SYM09	Hot Topics in Academic Global Ophthalmology	GO		
	SYM10	The Great Debate: Glaucoma	GLA		
	SYM11	What Every Ophthalmologist Must Know About Information Technology in 2021	EHR		
	LEC120	International Society of Refractive Surgery Laser Refractive Surgery Course	REF		In Person Only
	LEC121	MIGS: Devices and Incisional Techniques	GLA		In Person Only
	LEC122	Cosmetic OnabotulinumtoxinA and Facial Fillers	PLAST		In Person Only
	LEC123	Endothelial Keratoplasty Techniques	COR		In Person Only
	209	Neuro-Imaging Toolbox for Ophthalmologists	NEURO		In Person Only
	248	Appraising the Performance of Your Opticians	PM-OPT		In Person Only
	249	Coding Compliance Begins in the Exam Lane	PM-STAFF		In Person Only
	250	The Times, They Are A-Changin'—But Have Your Co-ownership Documents Kept Up?	PM-BUS		In Person Only
	251	Leadership Skills: Seven Habits for Success Learned From a Football Coach	PM-PROF		
	252	What to Expect When Buying Into a Practice	PM-BUS		
	253	21st Century Cures Act: Interoperability, Information Blocking, and the ONC Health IT Certification Program Final Rule	PM-IMT		In Person Only
	254	Code Red: Mastering Phaco Nightmares and Worst-Case Scenarios—A Video-Based Course	CAT		In Person Only
	255	DropFree Cataract Surgery: Surgeons Take Control of Perioperative Care	CAT		In Person Only
	257	Evaluation and Management of Painful Dry Eye Symptoms: Nerves vs. Tears	COR		In Person Only

Saturday, Nov. 13 (con't)

Time	No.	Title	Topic	\$	IP
2:00 - 3:15 PM (con't)	259	Pearl Jam: High-Impact, No-Nonsense Pearls for the Anterior Segment Surgeon	CAT		
	265	Effective Peer Review: A Responsibility to Maintain Scientific Integrity	MEDED		In Person Only
	266	Retinal Urgencies and Emergencies for the Comprehensive Ophthalmologist	RET		
	267	Phacoemulsification System Settings: Optimizing Safety and Efficiency	CAT		In Person Only
	SYM53	Academy Café: Wellness	CAT		
	SYM61	Benefits versus Goals: Managing Patient Expectations in Refractive and Oculofacial Plastic Surgery	REF		
2:00 - 4:00 PM	LAB119	Smartphones in Ophthalmology: #TheFuturesAI	EHR	\$	In Person Only
2:30 - 4:30 PM	LAB124	Neuroimaging in Ophthalmology	NEURO	\$	In Person Only
3:00 - 5:00 PM	LAB112A	Learning the DMEK Procedure: An Introductory Course	COR	\$	In Person Only
	LAB118A	Advanced Refractive Cataract Surgery and Anterior Segment Reconstruction	CAT	\$	In Person Only
3:30 - 5:00 PM	LAB117A	Glaucoma Tube Shunts to Equatorial Plate Reservoir	GLA	\$	In Person Only
3:45 - 5:00 PM	SPE05	Friends of Bill W	NON		In Person Only
	SYM12	Mentoring in Ophthalmology	MEDED		
	LEC125	Advanced Endothelial Keratoplasty (DSEK/DMEK): Overview and Surgical Pearls	COR		In Person Only
	SYM13	Environmental Adaptations: Enhancing Safety, Accessibility and Independence for Low Vision Patients	VIS		
	270	Human Resources: Minimizing Legal Risk	PM-HRM		
	271	Turn Your Practice Into a Tax-Efficient Fortress: Corporate Structure, Benefit Planning and Asset Protection for AAOE Practices	PM-BUS		In Person Only
	272	Diversity and Inclusion in the Ophthalmic Practice	PM-HRM		In Person Only
	273	Balance Sheets: Best Practices and Insights From the Pandemic	PM-BUS		
	274	Examining the Optic Nerve and Evaluating the Visual Field: The Five Rs	GLA		
	277	OVDs in Cataract Surgery and Complication Management	CAT		In Person Only
	279	Surgical Management of Pediatric Glaucoma	PEDS		In Person Only
	280	Advanced Astigmatism Management to Achieve the Best Refractive Cataract Surgery Outcomes	CAT		
	282	A Step-by-Step Primer to Starting SMILE in 2021	REF		In Person Only
	283	Controversies in the Management of Open-Globe Injuries Involving the Posterior Segment	RET		In Person Only
	284	Cataract Surgery and Uveitis: Controlling Inflammation, Difficult Pupils and Distorted Anatomy	INTRA		In Person Only
	285	What Are "NMOSDs" and "MOGs" and How Are They Different From MS? What the Comprehensive Ophthalmologist Needs to Know About Optic Neuritis	NEURO		In Person Only
	287	Ocular Toxicity Related to Systemic Drugs: What's New	GEN		In Person Only

Saturday, Nov. 13 (con't)

Time	No.	Title	Topic	\$	IP
3:45 - 5:00 PM (con't)	288	Artificial Iris Implantation	CAT		In Person Only
	289	Endothelial Keratoplasty: Challenges and Management	COR		In Person Only
	SYM62	2021 Medicare Update Forum	HP		
	835	Onboarding New Staff: A Turnkey Solution to Align and Engage	PM-HRM		In Person Only

Sunday, Nov. 14

Time	No.	Title	Topic	\$	IP
8:00 - 9:15 AM	OP05	Cornea, External Disease Original Papers	COR		
	LEC127	Assessment and Management of Astigmatism in Cataract Surgery	CAT		In Person Only
	LEC128	Glaucoma Laser Therapy: Innovations and Advice From the Experts	GLA		In Person Only
	LEC129	Macular OCT: Mastering the Basics	RET		In Person Only
	LEC131	Blepharoplasty	PLAST		In Person Only
	SYM14	Glaucoma: Integrating Structure, Function, and Access to Care	GLA		
	SYM15	Innovations in Contact Lens Technology	COR		
	SYM16	The Impact of Age on Management of Common Ocular Conditions	GEN		
	258	White Dots, Spots and Plaques: Making Sense of the Inflammatory Retinal Lesions—A Case-Based Approach	RET		
8:00 - 9:15 AM (con't)	400	Cliffhanger: Vitrectomy by the Anterior Segment Surgeon for the Broken Posterior Capsule, the Sinking Nucleus and the Dangling IOL	CAT		
	401	What You Need to Know About Headache: A Pain for the Patient and a Pain for the Doctor	NEURO		
	405	A Step-by-Step Primer to Starting LASIK in 2021	REF		In Person Only
	407	The Boston KPro: Case-Based Presentations Highlighting the Essentials for Beginning and Experienced Surgeons	COR		In Person Only
	SYM50	Commit to Compassionate Care: How Diversity, Equity and Inclusion (DEI) Elevates Your Practice	PM-PQ		
	SYM55	Academy Café: Retina	RET		
8:00 - 9:30 AM	LAB116A	Management of the Vitreous for the Anterior Segment Surgeon	CAT	\$	In Person Only
	LAB122A	Cosmetic OnabotulinumtoxinA and Facial Fillers	PLAST	\$	In Person Only
8:00 - 10:00 AM	LAB121A	MIGS: Devices and Incisional Techniques	GLA	\$	In Person Only
	LAB123A	Endothelial Keratoplasty Techniques	COR	\$	In Person Only
	LAB126	Gonioscopy and Anterior Segment Imaging for Glaucoma Surgery	GLA	\$	In Person Only
9:10 AM - 5:00 PM	ISC	Industry Showcase			In Person Only
9:15 AM - 5:00 PM	PT	Poster Theater			In Person Only
9:30 AM - 5:00 PM	TECH	Technology Pavilion			In Person Only
	LL	Learning Lounge			In Person Only
9:45 - 11:00 AM	OP06	Refractive Original Papers	REF		
	LEC132	Innovations in Minimally Invasive Strabismus Surgery	PEDS		In Person Only
	LEC133	Diabetes 2021: Course on Diabetic Retinopathy	RET		In Person Only

Sunday, Nov. 14 (con't)

Time	No.	Title	Topic	\$	IP
9:45 - 11:00 AM (con't)	LEC135	Corneal Neurotization Techniques	COR		In Person Only
	SYM17	Nightmares in Oculofacial Plastic Surgery: Managing Your Worst Complications	PLAST		
	SYM18	Corneal Ulcers: Beyond Topical Antimicrobial Therapy!	COR		
	SYM19	Landmark Glaucoma Studies—Have They Really Changed My Practice?	GLA		
	SP02	Cataract Surgery in Special Situations	CAT		
	SYM20	Current Pharmacologic and Surgical Treatment of the Macular Edemas	RET		
	408	How Would You Respond? Handling Ethical Practice Dilemmas	PM-PQ		In Person Only
	410	Making Cents (and Dollars) of Modifiers	PM-REMB		In Person Only
	411	The Surprising Ways Everyone Touches the Billing Process	PM-BUS		
	413	Creative Compensation Models for Support Staff	PM-HRM		
	414	OCT and OCT Angiography in Glaucoma: Pearls and Pitfalls in Diagnosis, Monitoring and Management of the Disease	GLA		
	415	Curbside Consultation in Neuro-Ophthalmology	NEURO		In Person Only
	416	Surgical Management of Iris Defects	CAT		In Person Only
	417	Gearing Up for DMEK: Pearls to Shorten the Learning Curve	COR		In Person Only
	418	Orbital Radiology: Foundations for Diagnosis and Treatment of Orbital Disease	PLAST		In Person Only
	419	Management Algorithm for Recalcitrant Microbial Keratitis	COR		In Person Only
	420	Scleral Buckling: A Forgotten Art	RET		
	421	IFIS Pearls for Management and Prevention	CAT		
	422	Solving the Medium and High Myopia Problem With Phakic IOLs	REF		In Person Only
	423	World of Secondary IOLs	CAT		In Person Only
	654	Marketing to Millennials: How To Engage and Focus Your Strategies	PM-MKT		In Person Only
	SYM56	Academy Café: Cornea, External Disease	COR		
	SYM63	2021 YO Program PART I: Carving Your Path as a Resident and Beyond	HP		
	SYM69	Q&A With the FDA	GEN		In Person Only
10:00 - 11:30 AM	LAB102B	Manual Small-Incision Cataract Surgery			In Person Only
10:00 AM - 12:00 PM	LAB131A	Blepharoplasty	PLAST	\$	In Person Only
10:30 AM - 12:00 PM	LAB127A	Limbal Relaxing Incisions in the Management of Astigmatism	CAT	\$	In Person Only
10:30 AM - 12:30 PM	LAB128A	Glaucoma Laser Therapy: Innovations and Advice From the Experts	GLA	\$	In Person Only
11:00 AM - 1:00 PM	LAB129A	Macular OCT: Mastering the Basics	RET	\$	In Person Only
11:30 AM - 12:30 PM	SYM38	C Stephen and Frances Foster Lecture on Uveitis and Immunology	INTRA		
11:30 AM - 12:45 PM	OP07	Glaucoma Original Papers	GLA		In Person Only
	LEC138	Advanced Techniques in Orbital Decompression and Expansion	PLAST		In Person Only
	LEC139	Pupilloplasty Techniques and Innovations in Iris Repair	CAT		In Person Only
	201	Vitrectomy for Complications of Proliferative Diabetic Retinopathy: Clips and Tips	RET		

Sunday, Nov. 14 (con't)

Time	No.	Title	Topic	\$	IP
11:30 AM - 12:45 PM (con't)	SYM21	Hot Topics 2021	GEN		
	SYM23	Researching Eye Health Care Equity Amidst Workforce Disparity	HP		
	SYM24	Oculoplastic Papers That Will Change Your Practice: A Critical Evaluation of Topline Data	PLAST		
	424	Lean for Pediatric Ophthalmology Practices	PM-PQ		In Person Only
	427	I Expect My Techs to...	PM-STAFF		In Person Only
	428	Top Ten Ways to Reduce Overhead	PM-BUS		
	429	How to Organize and Implement a Successful Strategic Planning Meeting	PM-PROF		
	430	Learning Phaco Chop: Pearls and Pitfalls	CAT		In Person Only
	431	Mystery Retina 2021: Interactive Discussion of Challenging Cases	RET		In Person Only
	433	Management of Common Allergic and Immunologic Diseases of the Conjunctiva and Cornea	COR		
	435	The Other Herpes: Zoster!	COR		In Person Only
	436	Intraoperative Gonioscopy: A Key to Angle Surgery	GLA		
	438	SMILE! What Then?	REF		In Person Only
	439	Pearls and Pitfalls While Performing Intrasccleral Fixation of IOL With the Yamane Technique	CAT		
	440	Basic DALK	COR		In Person Only
	SYM64	2021 YO Program PART II: Wellness: A Practical Guide to Your Rights and Resources	HP		
12:30 - 2:30 PM	LAB118B	Advanced Refractive Cataract Surgery and Anterior Segment Reconstruction	CAT	\$	In Person Only
1:00 - 2:00 PM	LAB106	An Innovative Approach to Iris Fixation of an IOL Without Capsular Support	CAT	\$	In Person Only
1:00 - 2:30 PM	LAB135A	Corneal Neurotization Techniques	COR	\$	In Person Only
1:00 - 3:00 PM	LAB125A	Advanced Endothelial Keratoplasty (DSEK/DMEK): Overview and Surgical Pearls	COR	\$	In Person Only
1:30 - 3:00 PM	LAB132A	Wright Innovations in Minimally Invasive Strabismus Surgery	PEDS	\$	In Person Only
2:00 - 3:15 PM	OP08	Retina, Vitreous Original Papers	RET		
	LEC141	Introduction to Aesthetic Facial Surgery by Fractional Lasers, Intense Pulsed Light, Radiofrequency and Ultrasound Devices	PLAST		In Person Only
	LEC142	Microsurgical Suturing Techniques	COR		In Person Only
	242	Online Content Creation (Blogs, Podcasts, Videos, Social Media) for Ophthalmology Education and Marketing	MEDED		In Person Only
	SYM25	Scientific Findings From Big Data from the RPB/AAO Award for IRIS® Registry Research	EHR		
	SYM26	The Many Paths to Leadership: A Conversation With the Academy Fab Five	NON		
	SYM27	Ophthalmic Premier League: A Team Symposium on Managing Cataract Complications	CAT		
	SYM28	It's All in the Details: A Look at Oculoplastic Procedures and Ocular Prosthetic Methods	PLAST		

Sunday, Nov. 14 (con't)

Time	No.	Title	Topic	\$	IP
2:00 - 3:15 PM (con't)	SYM29	Recent Developments in the Management of Corneal Diseases	COR		
	441	Growing Patient Volume in a COVID World: Ten Effective Online Strategies to Maximize LASIK, Premium IOL and Overall Volume	PM-MKT		In Person Only
	442	Successfully Designing and Developing a Full-Service Ophthalmic Center	PM-PQ		In Person Only
	443	Code-a-Palooza	PM-REMB		In Person Only
	444	Lean Healthcare Design for Ophthalmology	PM-PQ		
	445	Physician Recruitment Strategies and Successes	PM-HRM		In Person Only
	446	Show Me The Money! Simulation of Vision Care M&A Transaction	PM-BUS		
	448	Herpes Simplex Keratitis: When Herpes Isn't a Dendrite, and Vice Versa	COR		In Person Only
	449	New Treatments for MGD	COR		In Person Only
	451	Principles of Pediatric Retinal Surgery in Pediatric Retinal Diseases Other Than ROP	RET		In Person Only
	453	Customized Refractive and Therapeutic Ablations in Regular and Irregular Eyes: A Didactic and Live Treatment-Design Course	REF		In Person Only
	454	Medical Malpractice in Ophthalmology	GEN		In Person Only
	457	Different Techniques of Management in Challenging Congenital Lens Anomalies	CAT		In Person Only
	SYM57	Academy Café: Glaucoma	GLA		
	SYM65	2021 YO Program PART III: Why Representation Matters: A New Era of Equity	HP		
2:00 - 4:00 PM	LAB133A	Diabetes 2021 Lab: Fluorescein Angiography Interpretation	RET	\$	In Person Only
2:30 - 3:30 PM	LAB108	An Innovative Approach to Iris Fixation of an IOL Without Capsular Support	CAT	\$	In Person Only
3:30 - 5:00 PM	LAB104C	Basic Phacoemulsification	CAT	\$	In Person Only
	LAB120A	Laser Refractive Surgery	REF	\$	In Person Only
	LAB139A	Pupilloplasty Techniques and Innovations in Iris Repair	CAT	\$	In Person Only
3:30 - 5:30 PM	LAB138A	Advanced Techniques in Orbital Decompression and Expansion	PLAST	\$	In Person Only
3:45 - 5:00 PM	SPE06	Friends of Bill W	NON		In Person Only
	LEC145	Surgery for Severe Corneal and Ocular Surface Disease	COR		In Person Only
	LEC146	Mastering Childhood Glaucoma Surgical Techniques	PEDS		In Person Only
	246	Artificial Intelligence: Demystification and Applications	EHR		In Person Only
	278	Management of High-Risk ROP in the 21st Century: Thermal-Destructive vs. Pharmacologic Treatment	RET		
	SYM31	Controversies in Cataract and Refractive Surgery	REF		
	SYM32	Integrating Clinical Trials Into Your Practice	GEN		

Sunday, Nov. 14 (con't)

Time	No.	Title	Topic	\$	IP
3:45 - 5:00 PM (con't)	SYM33	Ophthalmic Trauma: Responsibilities of the On-Call Ophthalmologist	GEN		
	458	Starting Your Own Solo Ophthalmology Practice in 2021: Why and How	PM-SML		In Person Only
	459	E&M or Eye Code? How to Choose Which to Use	PM-REMB		In Person Only
	460	Use and Misuse of Electronic Medical Records	PM-EHR		In Person Only
	461	Income Division for Group Practices: Structuring Appropriate Physician Compensation Arrangement	PM-BUS		
	462	Improving Negotiation Skills: A Skill for All Leaders	PM-PROF		
	463	Employee Recruitment and Retention Strategies That Champion Diversity	PM-HRM		In Person Only
	464	The Swollen Optic Nerve: A Basic Guide to Evaluation and Management	NEURO		In Person Only
	465	Evidence-Based Guidelines From Recent Landmark Trials and Studies in Glaucoma	GLA		
	468	Ocular Surface Masqueraders: What Not to Miss and How Not to Miss It	PATH		In Person Only
	469	10x10: The American Uveitis Society Course	INTRA		In Person Only
	470	Pterygium Revisited: Clinical Pearls for Success in Every Situation	COR		In Person Only
	471	Management of Malpositioned IOLs	CAT		
	472	Astigmatism and Cataract Management Options After Corneal Transplantation	COR		In Person Only

Monday, Nov. 15

Time	No.	Title	Topic	\$	IP
8:00 - 9:15 AM	OP09	Neuro-Ophthalmology Original Papers	NEURO		
	SYM34	Self-Reflection at Any Stage of Your Career: Things I Would Tell My Younger Self	WELL		
	SYM51	How Lean Transformed Our Practice: The Clinical Manager's Perspective	PM-PQ		
	SYM58	Academy Café: Uveitis	INTRA		
	SYM60	Introduction to Cornea and Lens-Based Refractive Surgery for Residents	REF		
	600	NTG Evaluation and Treatment	GLA		In Person Only
	603	Managing TED: An Interactive, Case-Based Course	PLAST		In Person Only
	605	Infectious, Inflammatory and Toxic Complications Following Cataract Surgery: Endophthalmitis, TASS, TPSS, HORV	CAT		
	606	Subconjunctival MIGS: Implantation and Revision Techniques	GLA		In Person Only
	607	Small-Aperture Optics and Surgery to Achieve Pinhole Effect: Why, When and How	CAT		In Person Only
	608	Anterior Segment Trauma: Management for the On-Call Ophthalmologist	COR		In Person Only
	609	How to Successfully Accomplish Endothelial Keratoplasty in the Presence of Significant Ocular Comorbidities	COR		In Person Only

Monday, Nov. 15 (con't)

Time	No.	Title	Topic	\$	IP
8:00 - 9:30 AM	LAB104B	Phacoemulsification and Advanced Techniques	CAT	\$	In Person Only
	LAB141A	Introduction to Aesthetic Facial Surgery by Fractional Lasers, Intense Pulsed Light, Radiofrequency and Ultrasound Devices	PLAST	\$	In Person Only
	LAB145A	Surgery for Severe Corneal Ocular Surface Disease	COR	\$	In Person Only
8:00 - 10:00 AM	LAB140	Project Human Genome: Genetic Testing for Inherited Eye Diseases	RET	\$	In Person Only
	LAB147	Oculoplastic Surgery: Anatomic Foundations, Surgical Techniques and Enhanced Results	PLAST	\$	In Person Only
8:00 AM - 12:30 PM	SP03	Spotlight on Cataract Complications	CAT		
9:10 AM - 5:00 PM	ISC	Industry Showcase			In Person Only
9:15 AM - 5:00 PM	PT	Poster Theater			In Person Only
9:30 AM - 5:00 PM	TECH	Technology Pavilion			In Person Only
	LL	Learning Lounge			In Person Only
9:45 - 11:00 AM	SYM35	Dry AMD: Are We on the Verge of a Treatment?	RET		
	SYM36	Global Ophthalmology 2030: Pursuing Sustainable Development Goals in a Post-COVID Landscape	GO		In Person Only
	SYM37	Contributions of Women in Ophthalmic Subspecialties	HIST		
	611	Answers to Controversial Coding Questions	PM-REMB		In Person Only
	612	Managing Change	PM-PROF		
	614	Loss Prevention Issues for Your Optical Dispensary	PM-OPT		In Person Only
	615	Here to Stay: Successful COVID Operations to Keep Post-Pandemic	PM-PQ		
	616	What to Do (and Not Do) When Migrating Your PM or EHR	PM-EHR		In Person Only
	617	Diagnostic and Therapeutic Dilemmas in Neuro-Ophthalmology	NEURO		In Person Only
	618	Advanced Corneal Topographic Analysis	REF		In Person Only
	623	Retinal OCT Interpretation 101	RET		
	624	Adventures in Complex Pediatric Cataract Surgery	PEDS		In Person Only
	625	Advanced Techniques and Innovations in MISCs	CAT		In Person Only
	626	Top Hot Corneal Surgical Tips for 2022	COR		In Person Only
	656	The Burned Out Practice Administrator	PM-HRM		In Person Only
	OP10	Ocular Pathology and Oculoplastics Original Papers	PATH		
10:00 - 11:30 AM	LAB146A	Mastering Childhood Glaucoma Surgical Techniques	PEDS	\$	In Person Only
10:30 AM - 12:00 PM	LAB116B	Management of the Vitreous for the Anterior Segment Surgeon	CAT	\$	In Person Only
10:30 AM - 12:30 PM	LAB142A	Microsurgical Suturing Techniques	COR	\$	In Person Only
11:00 AM - 1:00 PM	LAB149	Basic Workshop in Flap Techniques for Oculoplastic Surgery	PLAST	\$	In Person Only
11:30 AM - 12:30 PM	OP11	Retina, Vitreous Original Papers	RET		
	SYM22	Dr. Allan Jensen and Claire Jensen Lecture in Professionalism and Ethics	ETH		
11:30 AM - 12:45 PM	237	Difficult Strabismus Problems: Diagnosis and Management 2021	PEDS		In Person Only
	SYM39	Diversity, Equity and Inclusion: Perspectives From Ophthalmology Leadership	ETH		
	SYM59	Academy Café: Oculoplastics	PLAST		
	628	Communication Skills to Enhance Practice Productivity	PM-HRM		

Monday, Nov. 15 (con't)

Time	No.	Title	Topic	\$	IP
11:30 AM - 12:45 PM (con't)	629	Creating an Effective Incentive Compensation Program for Your Staff MDs and ODs	PM-BUS		In Person Only
	630	Facing Down Retirement: Exit Strategies for the Solo Ophthalmologist	PM-BUS		
	631	It's Your Money: Top 10 Ways to Ensure You Get All of It, All of the Time	PM-BUS		In Person Only
	634	iGlaucoma: The Latest Innovations in Glaucoma Therapy	GLA		In Person Only
	635	Diplopia: When Should I Worry?	NEURO		In Person Only
	636	Systemic Therapeutic Agents and Retinal Toxicity (and Illicit Drugs as Well)	RET		In Person Only
	637	Vitreoretinal Surgical Rounds: What Would Machemer Do?	RET		
	638	Abandoned Phaco: Convert to No-Stitch Manual SICS	CAT		In Person Only
	639	Help! A Corneal Ulcer Just Walked In! What Do I Do Next?	COR		In Person Only
	640	Corneal Crosslinking: Current Indications, Applications, Outcomes and Complications Management: The U.S. FDA-Approved Technique and Evolving Technology and Techniques Used Globally	COR		In Person Only
	649	Femtolasar: Diagnosis and Management of Intraoperative and Postoperative Complications With the Use of a Femtosecond Laser for LASIK Surgery	REF		In Person Only
	655	Reviews Matter!: How to Recover from a Bad Review and Leverage Your Good Ones	PM-MKT		In Person Only
	SYM68	Welcome to the Real World of Ophthalmology: Reality 101 for Residents and Fellows	NON		In Person Only
2:00 - 3:15 PM	SPE07	Friends of Bill W	NON		In Person Only
	256	Emergency Neuro-Ophthalmology: Diagnosis and Management	NEURO		In Person Only
	SYM40	Essentials for the Cataract Surgeon in 2021	CAT		
	SYM41	Imaging in Noninfectious Intermediate, Posterior and Panuveitis	INTRA		
	SYM42	PB Achieving Health Equity in Glaucoma Care	GLA		
	613	Research and Revenue: Clinical Research in a Small Practice	PM-SML		
	642	Boost Positive Employee and Patient Experiences Through Lean Process Improvement	PM-PQ		In Person Only
	644	Hiring a New Doctor? Evaluating Financial Impact and Planning for Success	PM-BUS		In Person Only
	647	Sutureless Scleral Fixation of PC-IOL in the Absence of Capsular Support	CAT		In Person Only
	648	Retinal Frontiers: Updates in Retinal Gene Therapy	RET		
	650	Overview of Congenital (Early-Onset Developmental) Glaucoma, Its Diagnosis and Its Angle Surgery	GLA		In Person Only
	652	Cataract Surgery Crisis Management 101	CAT		
	653	Neurotization for Neurotrophic Keratopathy: Background and Technique	COR		In Person Only
3:45 - 5:00 PM	SYM70	Closing Session	NON		



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Jerry A. Shields, MD
***2021 ASCRS Ophthalmology
Hall of Fame Inductee***

Dr. Shields is the world-renowned Director Emeritus and Founder of the Wills Eye Ocular Oncology Service.



Peter R. Laibson, MD
***2021 AOS Medal Recipient and
2021 ASCRS David A. Karcher
Honored Guest Award Winner***

Dr. Laibson is the internationally acclaimed Director Emeritus of the Wills Eye Cornea Service.

Opening Session

Friday, Nov. 12
Great Hall

Join your colleagues as we jump start the re-created annual meeting and celebrate ophthalmology. Hear the latest from Academy leadership and honor both the 2020 and 2021 awardees.

Time	Topic	Speaker
5 PM	Opening Remarks	Maria M Aaron MD
	Academy President's Address	Tamara R Fountain MD
	Academy CEO's Address	David W Parke II MD
	Academy Awards	
	2020 Laureate Award: George B Bartley MD	David Herman MD
	2021 Laureate Award: Michael T Trese MD	George A Williams MD
	Election of Fellows & Members, Board of Trustees	Tamara R Fountain MD
	Election Announcement & New Business	
6:00 PM	Introduction of the Jackson Memorial Lecture	Maria M Aaron MD
	Jackson Memorial Lecture: <i>Molecular Diagnostics for Ocular Infectious Diseases</i>	Russell N Van Gelder MD PhD
	Jackson Memorial Lecture Award Presentation	Richard K. Parrish II MD
	Concluding Remarks	Maria M Aaron MD
6:30 PM	End of Session	



Jackson Memorial Lecture
Russell N Van Gelder MD PhD



2020 Laureate Award
George B Bartley MD



2021 Laureate Award
Michael T Trese MD

2020 Academy Awards

Guests of Honor

Bartly J Mondino MD
Bradley R Straatsma MD
M Roy Wilson MD PhD

Distinguished Service Award

Paul A Sieving MD PhD

Special Recognition Award

American College of Surgeons
David B Hoyt MD will be accepting

Outstanding Humanitarian Service Award

Steve A Arshinoff MD
John H Kempen MD

Outstanding Advocate Award

Thomas L Steinemann MD

Straatsma Award for Excellence in Resident Education

R Michael Siatkowski MD

2021 Academy Awards

Guests of Honor

Paul P Lee MD JD
Don Liu MD
Terri L Young MD

Distinguished Service Award

Jane Aguirre

Special Recognition Award

YO Committee
Janice Law MD will be accepting

Outstanding Humanitarian Service Award

David H Cherwek MD
Bradley K Farris MD

Outstanding Advocate Award

Dorothy M Moore MD

International Blindness Prevention Award

Larry Schwab MD

Straatsma Award for Excellence in Resident Education

Evan L Waxman MD PhD

Closing Session

Monday, Nov. 15
Great Hall

Close AAO 2021 with thoughts from the 2022 Academy president and new Academy CEO as well as hear what we can expect next with COVID 19.

Time	Topic	Speaker
3:45 PM	Opening Remarks	Maria M Aaron MD
	Passing of the Gavel and Introduction of the President- Elect	Tamara R Fountain MD Robert E Wiggins Jr MD
	Academy President-Elect's Address	Robert E Wiggins Jr MD
	New Academy CEO Address	
	Video discussion about what the future holds after two challenging years.	Michael F Chiang MD, director of the National Eye Institute, and Anthony S Fauci MD, director of the National Institute of Allergy and Infectious Diseases
	Panel Discussion	
	Concluding Remarks	Maria M Aaron MD
5 PM	End of Session	

AAOE Program

Find your inspiration and re/create in New Orleans! The American Academy of Ophthalmic Executives® empowers your entire practice team with expert-led courses, in-person networking with peers, and valuable takeaways that can be shared among staff and immediately implemented in your practice. The AAOE® practice management program at AAO 2021 includes:

- 70+ live and on demand instruction courses
- Friday master classes and coding sessions
- Conversations With the Experts
- AAOE General Session and morning plenaries
- Academy Café
- AAOE Member Reception
- AAOE Lounge

Re/Inspire

AAOE General Session

Superpowers in the Workplace: How to Empower Your Practice Team

SYM 49

Saturday, Nov. 13, 8:00 – 9:15 AM

Academy Café

Alternatives to Traditional Group Ophthalmology Private Practice: What are My Options?

SYM 54

Saturday, Nov. 13, 11:30 AM - 12:45 PM

Sunday Plenary

Commit to Compassionate Care: How Diversity, Equity and Inclusion (DEI) Elevates Your Practice

SYM50

Sunday, Nov. 14, 8:00 – 9:15 AM

Monday Plenary

How Lean Transformed Our Practice: The Clinical Manager's Perspective

SYM51

Monday, Nov. 15, 8:00 – 9:15 AM

Re/Connect

AAOE Member Reception

Saturday, Nov. 13

5:30 – 7:00 PM

New Orleans Marriott, Mardi Gras Ballroom Salons, 3rd floor

Chat with fellow members, connect in-person with your AAOE-Talk colleagues, and meet the AAOE Board and staff. Light hors d'oeuvres and beverages will be served. Reception open exclusively to AAOE members. No reservation needed.

Conversations With the Experts

Saturday – Monday, Nov. 13-15

9:00 AM – 5:00 PM

Academy Resource Center, Hall G, 4039

Take advantage of 20-minute private consultations with customized advice on topics ranging from financial management and billing to EHRs, legal matters and more. Come by the Conversations With the Experts area to make an appointment with the consultant of your choice.

Re/Charge

AAOE Member Lounge

Friday – Monday, Nov. 12-15

8:00 AM - 5:00 PM

Room 201-202

Relax, recharge and connect with fellow practice managers, administrators and ophthalmologists from around the country.

AAOE Master Classes

All Master Classes require a separate ticket (\$).

New! Billing and Beyond: Optimize Your Revenue Cycle Management

MC01

Friday, Nov. 12, 9:00 AM - 12:00 PM

Level: Beginner – Intermediate

Senior Instructor: Curt Hill

Co-instructors: Donna Connolly MBA, Jana Holt CPC CPMA, and Sara Burns Rapuano MBA CPC COE OCS

New! The Evolving Retina Practice: How to Lead Post-COVID

MC02

Friday, Nov. 12, 9:00 AM - 12:00 PM

Level: Intermediate – Advanced

Senior Instructor: Joy Woodke COE OCS OCSR

Co-instructors: Jessica Schroeder MPH CPC OCS and Ankoor Shah MD

New! Five Steps to Effective Financial Management

MC03

Friday, Nov. 12, 1:30 - 4:30 PM

Level: Beginner – Intermediate

Senior Instructor: Sara Burns Rapuano MBA CPC COE OCS

Co-instructor: Arvind Saini MD MBA

New! Clear Communication Matters: Minimize Risk and Improve Practice Team Dynamics

MC04

Friday, Nov. 12, 1:30 - 4:30 PM

Level: Beginner - Intermediate

Senior Instructor: Heather Modjesky COE AAOE Content Committee Member

Co-instructors: Denise Chamblee MD; Jane Mock CPHRM OMIC and Maureen Waddle MBA

On Demand Courses

On-demand-only content was developed specifically for, and can only be accessed in, the virtual meeting. Your meeting registration includes access to AAO 2021 Virtual. Go to www.aao.org/virtual-meeting to log in.

- 213V New Associate Employment Contracts
- 231V New Associate Employment Contracts
- 269V Employment Law Basics for the Small Ophthalmology Practice
- 412V The Five Essential Elements to Onboarding
- 425V Understanding and Negotiating Your First Employment Agreement
- 426V Case Studies in Retina and Uveitis Coding
- 632V Managing Clinical Trials in Small and Large Practices
- 643V Emotional Intelligence and Revenue Cycle: Create a Conscious Professionalism of Self-Awareness and High Performance Teams
- 827V Risky Business: The Aging, Impaired or Disruptive Physician
- 828V Avoiding and Preventing Embezzlement
- 829V Contracts and COVID-19: Hindsight is 2020!
- 830V Case Studies in Cataract and Anterior Segment Coding
- 831V Case Studies in Glaucoma Coding
- 832V Creating a Successful MD/OD Business Model
- 838V Make Better Business Decisions Using KPIs and Free Industry Benchmarks (AcadeMetrics™)
- 839V Gotta Retire Someday: PE, Growth or Survival on Your Own
- 841V Medical Malpractice Risk Management 101
- 842V Marketing to Millennials: The Secret, Nontraditional Advertising
- 843V Personal Finance for Ophthalmologists: How to Save \$5 Million on Your Own (Or, Do I Need a Financial Advisor?)

AAOE Coding Sessions

All Coding Sessions require a separate ticket (\$) and are eligible for 3.0 AAPC and/or IJCAHPO Group A credit (C).

Fundamentals of Ophthalmic Coding (21CODE1)

9:00 AM - 12:00 PM

Level: Beginner - Intermediate

Moderator: Sue Vicchilli COT OCS OCSR, Academy Director, Coding & Reimbursement

Panelists: Matthew Baugh MHA COT OSC OCS, OCSR; Heather Dunn COA OCS; Anthony P Johnson MD FACS OCS

Co-sponsored with IJCAHPO

Coding Camp (21CODE2)

1:30 - 4:30 PM

Level: Intermediate - Advanced

Moderator: Sue Vicchilli, COT, OCS, OCSR, Academy Director, Coding & Reimbursement

Panelists: Anthony P Johnson MD FACS OCS; Joy Woodke COE OCS OCSR OCS, Academy Coding & Practice Management Executive.

With a special presentation on the updates for 2022 by Michael X Repka MD MBA, Medical Director, Health Policy.

Co-sponsored with IJCAHPO

Accreditation Statement

The American Academy of Ophthalmology is accredited by the Accreditation Council for Continuing Medical Association (ACCME) to provide continuing medical education for physicians.

Credit Information

The American Academy of Ophthalmology designates this live activity for a maximum of **3 AMA PRA Category 1 Credits™**.

Physicians should claim only the credit commensurate with the extent of their participation in this activity.

- 3.0 IJCAHPO Group A CE credits have been approved for this course. Attendees must sign the attendance sheet and have their badge scanned to get credit. Download an IJCAHPO CE Credit Reporting Form at www.aao.org/coding-credit and keep it for your records.
- AAPC will honor 1:1 CEUs for any live event offering CME credit or AMA PRA Category Credit. Have your badge scanned before entering the course rooms. Download and complete your certificate of completion at www.aao.org/coding-credit and keep it for your records.

How to Claim IJCAHPO Credit

- Sign the attendance sheet and have your badge scanned *before* entering the course room for attendance verification.
- Download an IJCAHPO CE Credit Reporting Form at www.aao.org/coding-credit and keep it for your records.
- Submit your credit documentation to IJCAHPO per their requirements.

How to Claim AAPC Credit

- AAPC will honor 1:1 CEUs for any live event offering CME credit or AMA PRA Category Credit. Have your badge scanned before entering the course rooms for attendance verification. Download and complete a certificate of completion at www.aao.org/coding-credit and keep it for your records.
- Log in to your AAPC account and enter the necessary information on their CEU tracker page. Claim only the actual hours you were present at the event.

NOTE: The Academy does not keep copies of certificates of completion. It is the attendees' responsibility to verify credit eligibility with and submit credit documentation to their own reporting agencies (associations, licensing boards, etc.).

In-person Courses Eligible for 1 AAPC/0.5 IJCAHPO Group A Credit

(+) and (C) applies to all courses listed below.

Course Title and Number	Time	Credit Type
Saturday, Nov. 13		
Life in the Exam Lane: Your 2022 Scribe/Tech Survival Guide (211)	9:45 - 11:00 AM	AAPC / IJCAHPO
Regulatory Compliance Competencies for the Ophthalmic Technician (230)	11:30 AM - 12:45 PM	AAPC / IJCAHPO
Coding Compliance Begins in the Exam Lane (249)	2:00 - 3:15 PM	AAPC / IJCAHPO
Sunday, Nov. 14		
Making Cents (and Dollars) of Modifiers (410)	9:45 - 11:00 AM	AAPC / IJCAHPO
Code-a-Palooza (443)	2:00 - 3:15 PM	AAPC / IJCAHPO
E&M or Eye Code? How to Choose Which to Use (459)	3:45 - 5:00 PM	AAPC / IJCAHPO
Monday, Nov. 15		
Answers to Controversial Coding Questions (611)	9:45 - 11:00 AM	AAPC / IJCAHPO
On Demand		
Case Studies in Glaucoma Coding (831V)		
Case Studies in Retina and Uveitis Coding (426V)		
Case Studies in Cataract and Anterior Segment Coding (830V)		

AAOE Programs-by-Day

All rooms are in Morial Convention Center. Check www.aao.org/mobile for most current room and meeting information.

\$ Requires a ticket or separate registration. If no \$ symbol the session is included in AAO 2021 registration. Select courses are eligible for ICAHPO and AAPC credit. See page 21 for more information on CE credits.

In Person Only: Session takes place only in New Orleans, it will not be broadcast or recorded for the virtual meeting. All other sessions will be available to view on demand in the virtual meeting, www.aao.org/virtual-meeting.

Topic Key

PM-BUS - Business Operations & Finance
 PM-EHR - Electronic Health Records, MIPS
 PM-HRM - Human Resources
 PM-IMT - Information Technology, Cybersecurity
 PM-MKT - Marketing
 PM-OPT - Alternative Revenue Sources

PM-PROF - Professional Growth, Leadership
 PM-PQ - Practice Quality Improvement
 PM-REMB - Coding & Reimbursement
 PM-RISK - Compliance & Risk Management
 PM-SML - Small Practice
 PM-STAFF - Staff Training & Development

Friday, Nov. 12

Time	No.	Title	Topic	\$	IP
9:00 AM - 12:00 PM	MC01	New! Billing and Beyond: Optimize Your Revenue Cycle Management	PM-BUS	\$	In Person Only
	MC02	New! The Evolving Retina Practice: How to Lead Post-COVID	PM-BUS	\$	In Person Only
	21CODE1	Fundamentals of Ophthalmic Coding - 2021	PM-REMB	\$	In Person Only
1:30 - 4:30 PM	MC03	New! Five Steps to Effective Financial Management	PM-BUS	\$	In Person Only
	MC04	New! Clear Communication Matters: Minimize Risk and Improve Practice Team Dynamics	PM-RISK	\$	In Person Only
	21CODE2	Coding Camp - 2021	PM-REMB	\$	In Person Only

Saturday, Nov. 13

Time	No.	Title	Topic	\$	IP
8:00 - 9:15 AM	SYM49	AAOE General Session: Superpowers in the Workplace: How to Empower Your Practice Team	PM-BUS		
9:45 - 11:00 AM	211	Life in the Exam Lane: Your 2022 Scribe/Tech Survival Guide	PM-STAFF		In Person Only
	212	Patient Satisfaction Made Simple: Seven Steps	PM-PQ		In Person Only
	214	Yes! You Can Still Start a New Private Practice	PM-BUS		
	215	Assessing the Feasibility of New Business Opportunities	PM-BUS		In Person Only
	216	Lean Unexpectedly Proves Its Value During the COVID-19 Pandemic	PM-PQ		
11:30 AM - 12:45 PM	227	Top 20 Tips for Optimal Billing	PM-BUS		In Person Only
	228	Personal Financial Management for Ophthalmologists in a Post-COVID World	PM-BUS		In Person Only
	229	Boost Physician Efficiencies: Creating a Lean Culture With Technology	PM-PQ		In Person Only
	230	Regulatory Compliance Competencies for the Ophthalmic Technician	PM-STAFF		In Person Only

Saturday, Nov. 13 (con't)

Time	No.	Title	Topic	\$	IP
11:30 AM - 12:45 PM (con't)	231	Private Equity Investors 2021: Game On!	PM-BUS		
	232	Physician-to-Physician Practice Sales	PM-BUS		
	SYM54	Academy Café: Alternatives to Traditional Group Ophthalmology Private Practice-What Are My Options?	PM-BUS		
2:00 - 3:15 PM	248	Appraising the Performance of Your Opticians	PM-OPT		In Person Only
	249	Coding Compliance Begins in the Exam Lane	PM-REMB		In Person Only
	250	The Times, They Are A-Changin'—But Have Your Co-ownership Documents Kept Up?	PM-BUS		In Person Only
	251	Leadership Skills: Seven Habits for Success Learned From a Football Coach	PM-PROF		
	252	What to Expect When Buying Into a Practice	PM-BUS		
	253	21st Century Cures Act: Interoperability, Information Blocking, and the ONC Health IT Certification Program Final Rule	PM-IMT		In Person Only
3:45 - 5:00 PM	270	Human Resources: Minimizing Legal Risk	PM-HRM		
	271	Turn Your Practice Into a Tax-Efficient Fortress: Corporate Structure, Benefit Planning and Asset Protection for AAOE Practices	PM-BUS		In Person Only
	272	Diversity and Inclusion in the Ophthalmic Practice	PM-HRM		In Person Only
	273	Balance Sheets: Best Practices and Insights From the Pandemic	PM-BUS		
	835	Onboarding New Staff: A Turnkey Solution to Align and Engage	PM-HRM		In Person Only

Sunday, Nov. 14

Time	No.	Title	Topic	\$	IP
8:00 - 9:15 AM	SYM50	Plenary: Commit to Compassionate Care: How Diversity, Equity and Inclusion (DEI) Elevates Your Practice	PM-BUS		
	654	Marketing to Millennials: How To Engage and Focus Your Strategies	PM-MKT		In Person Only
9:45 - 11:00 AM	408	How Would You Respond? Handling Ethical Practice Dilemmas	PM-PQ		In Person Only
	410	Making Cents (and Dollars) of Modifiers	PM-REMB		
	411	The Surprising Ways Everyone Touches the Billing Process	PM-BUS		
	413	Creative Compensation Models for Support Staff	PM-HRM		
11:30 AM - 12:45 PM	424	Lean for Pediatric Ophthalmology Practices	PM-BUS		In Person Only
	427	I Expect My Techs to ...	PM-STAFF		In Person Only
	428	Top Ten Ways to Reduce Overhead	PM-BUS		
	429	How to Organize and Implement a Successful Strategic Planning Meeting	PM-PROF		

Sunday, Nov. 14 (con't)

Time	No.	Title	Topic	\$	IP
2:00 - 3:15 PM	441	Growing Patient Volume in a COVID World: Ten Effective Online Strategies to Maximize LASIK, Premium IOL and Overall Volume	PM-MKT		In Person Only
	442	Successfully Designing and Developing a Full-Service Ophthalmic Center	PM-PQ		In Person Only
	443	Code-a-Palooza	PM-REMB		In Person Only
	444	Lean Healthcare Design for Ophthalmology	PM-PQ		
	445	Physician Recruitment Strategies and Successes	PM-HRM		In Person Only
	446	Show Me The Money! Simulation of Vision Care M&A Transaction	PM-BUS		
3:45 - 5:00 PM	458	Starting Your Own Solo Ophthalmology Practice in 2021: Why and How	PM-SML		In Person Only
	459	E&M or Eye Code? How to Choose Which to Use	PM-REMB		In Person Only
	460	Use and Misuse of Electronic Medical Records	PM-RISK		In Person Only
	461	Income Division for Group Practices: Structuring Appropriate Physician Compensation Arrangement	PM-BUS		
	462	Improving Negotiation Skills: A Skill for All Leaders	PM-PROF		
	463	Employee Recruitment and Retention Strategies That Champion Diversity	PM-HRM		In Person Only

Monday, Nov. 15

Time	No.	Title	Topic	\$	IP
8:00 - 9:15 AM	SYM51	Plenary: How Lean Transformed Our Practice: The Clinical Manager's Perspective	PM-BUS		
9:45 - 11:00 AM	611	Answers to Controversial Coding Questions	PM-REMB		In Person Only
	612	Managing Change	PM-PROF		
	614	Loss Prevention Issues for Your Optical Dispensary	PM-OPT		In Person Only
	615	Creative Compensation Models for Support Staff	PM-BUS		
	616	Here to Stay: Successful COVID Operations to Keep Post-Pandemic	PM-EHR		In Person Only
	656	What to Do (and Not Do) When Migrating Your PM or EHR	PM-HRM		In Person Only
11:30 AM - 12:45 PM	628	Communication Skills to Enhance Practice Productivity	PM-HRM		
	629	Creating an Effective Incentive Compensation Program for Your Staff MDs and ODs	PM-BUS		In Person Only
	630	Facing Down Retirement: Exit Strategies for the Solo Ophthalmologist	PM-BUS		
	631	Is Your Money: Top 10 Ways to Ensure You Get All of It, All of the Time	PM-BUS		In Person Only
	655	Reviews Matter!: How to Recover from a Bad Review and Leverage Your Good Ones	PM-MKT		In Person Only
2:00 - 3:15 PM	613	Research and Revenue: Clinical Research in a Small Practice	PM-SML		
	642	Boost Positive Employee and Patient Experiences Through Lean Process Improvement	PM-PQ		In Person Only
	644	Hiring a New Doctor? Evaluating Financial Impact and Planning for Success	PM-BUS		

Academy Café

Free Coffee.
Your Questions.
Expert Panels.
Lively Conversation.

Saturday - Monday, Nov. 13 - 15 Room 271 - 273

Engage in the conversation: Hear expert panels debate, then text message the speakers your questions.

Ask a Question Using the Mobile Meeting Guide

- Go to www.aao.org/mobile
- Select Program Search
- Filter by Type – Academy Café
- Select the current session

View the details and select the “Ask the presenter a question (live)” link to submit your question.

Saturday, Nov. 13

9:45 AM to 11:00 AM

SYM52 Cataract

Moderator: Brandon Ayres MD

11:30 AM to 12:45 PM

SYM54 Alternatives to Traditional Group
Ophthalmology Private Practice: What
Are My Options?

Moderator: Robert E Wiggins MD MHA

2:00 PM to 3:15 PM

SYM53 Wellness

Moderator: Laura B Enyedi MD

Sunday, Nov. 14

8:00 AM to 9:15 AM

SYM55 Retina

Moderator: Jennifer Irene Lim MD

9:45 AM to 11:00 AM

SYM56 Cornea, External Disease

Moderator: Edward J Holland MD

2:00 PM to 3:15 PM

SYM57 Glaucoma

Moderator: Thomas W Samuelson MD

Monday, Nov. 15

8:00 AM to 9:15 AM

SYM58 Uveitis

Moderator: TBA

11:30 AM to 12:45 PM

SYM59 Oculoplastics

Moderator: Stuart R Seiff MD



Welcome to the American Society of Ophthalmic Registered Nurses Program (ASORN) 45th Annual Meeting

The Board of Directors for ASORN are pleased that you have chosen to be a part of a great tradition with the ASORN community by attending our annual meeting.

This exciting two-day program offers a diverse range of cutting-edge education targeted for beginner, intermediate and advanced level ophthalmic registered nurses and ophthalmic technicians. The program has been designed for you as our member and attendee. It is filled with interesting lectures that will add a depth of knowledge for yourself and for you to share with your peers.

Who is ASORN: ASORN was organized in 1976 to unite registered nurses committed to providing quality ophthalmic care. Today ASORN is dedicated to being a resource for not only ophthalmic nurses but all ophthalmic personnel who are committed to fostering the ophthalmic team concept and collaboration among all who work in our specialty.

The mission of ASORN is to foster excellence in ophthalmic patient care while supporting the ophthalmic team through individual development, education, and evidence-based practice.

2021 Officers and Board of Directors

Nancy J. Haskell, RN, CNOR, CRNO, President
Pam Opremcak, MPA, RN, President-Elect
Christine Sonnie, BSN, RN, CRNO, Secretary - Treasurer
Michelle Churches, MSN, ADN, RN, Annual Meeting Director
Amy L Lucci, DNP, RNFA, CNOR, Provider Unit Director
Lori Ann Pacheco, CRNO, RN, Director-at-Large

For more information on ASORN Programs and Membership please visit www.asorn.org

ASORN Program*

Titles and speakers subject to change

Friday, November 12

SPELLBOUND, The Magic of Leadership	Barbara Ann Harmer MHA BSN RN
Oncology Nursing	Jacquelyn Wrenn MSN APRN-CNP
ASC Regulatory Update	Elethia Dean RN PhD MBA BSN
Ocular Tumors	Hakan Demirci MD
Scratching the Surface: Surgical Approach to Ocular Surface Lesions and Reconstruction	Jeffrey Ma MD
Bio-Similars	David G Telander MD

Saturday, November 13

How to Care for Patients with Glaucoma	Angela Elam, MD
Edna Ashey Lecture: The Ophthalmic Patient Experience- From Vision to Focus	Michelle Churches MSN, ADN, RN Sandra Merkel MS, RN-PMGT-BC Julie Piazza MS
Emotional Impact of COVID-19 on Healthcare Caregivers	Pam Opremcak MPA RN Deborah Ehlers MSN BSN RN
Business Meeting and Award Ceremony / Poster Presentation	Nancy Haskell RN CNOR CRNO
Keynote Speakers: "Two Blind Brothers"	Bryan & Bradford Manning
Panel Discussion: Things that Cause Surgical Delays	Moderator: Michelle Churches MSN ADN RN Melody Hargrove BSN RN Pam Opremcak MPA RN Gretchen Pagac MSN RN Sr Nursing Director Michigan Medicine

**This Course will be available for nursing credit and will be submitted for consideration of JCAHPO credits*

DISCLOSURES

CONTINUING EDUCATION CREDIT: Nursing contact hours will be provided by the American Society of Ophthalmic Registered Nurses (ASORN).

ASORN is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's (ANCC) Commission on Accreditation (COA).

ASORN is provider approved by the California Board of Registered Nursing CEP #16717.

Nursing: This course will be available for Nurse Contact Hours.

JCAHPO: This course has been submitted for consideration of JCAHPO credits.

This course is not sponsored by JCAHPO; only reviewed for compliance with JCAHPO standards and criteria and awarded continuing education credit; accordingly, therefore, JCAHPO cannot predict the effectiveness of the program or assure its quality in substance and presentation.

SUCCESSFUL COMPLETION: Successful completion is identified as attendance at each session for the designated time. Credit for a course hour will be denied to individuals who miss more than 10 minutes of that hour.

Attendees must submit a completed ONLINE attendance verification form at the end of the last session for recognition of credits.

Learning Lounge

Saturday - Monday, Nov. 13 – 15
Hall C, Booth 600

The Learning Lounge is an interactive space for informal, small group discussions facilitated by experts in the field. Float among theaters, new topics begin every 30 minutes. They are not eligible for CME credit.

Find the most up-to-date schedule through the Mobile Meeting Guide, www.aao.org/mobile.

Saturday, Nov. 13

	Learning Lounge 1	Learning Lounge 2
9:30		
10:00	Cataract Surgery in Difficult Eyes <i>Kevin M Miller MD, Uday Devgan MD</i>	
10:30		Achieving Success with Presbyopia IOLs <i>Blake K Williamson MD, Keith A Walter MD</i>
11:00		
11:30	Assessing and Prepping the Ocular Surface in Cataract Surgery <i>Elizabeth Yeu MD, Edward J Holland MD</i>	
12:00		The Lifelong Impact of Pediatric Retinal Disease: From Children to Adults
12:30		
1:00	Managing Cataract Complications <i>Rosa Braga-Mele MD, Amandeep Singh Rai MD, Uday Devgan MD</i>	
1:30		Nystagmus Surgery <i>Richard W Hertle MD, Veeral Shah MD</i>
2:00		
2:30	Treating Astigmatism During Cataract Surgery <i>John P Berdahl MD, Bryan S Lee MD JD</i>	
3:00		Pediatric Myopia Control <i>K David Epley MD, Cynthia Beauchamp MD, Pamela E Williams MD</i>
3:30		
4:00	American Board of Ophthalmology Update <i>Andreas Lauer MD, Jane A Bailey MD, George B Bartley MD, Amy Savastano</i>	
4:30		Ergonomics <i>Alison Early MD, Sunir J Garg MD FACS, Arjan S Hura MD, Christopher D Riemann MD</i>
5:00		

Sunday, Nov. 14

	Learning Lounge 1	Learning Lounge 2
9:30		
10:00	Lessons in Neuro-Imaging <i>Courtney E Francis MD</i>	
10:30		Updates on the Management of Diabetic Retinopathy <i>Michael A Klufas MD, Joshua D Udoetuk MD</i>
11:00		
11:30	Demystifying Nystagmus <i>Veeral Shah MD</i>	
12:00		Ocular Surface Squamous Neoplasia <i>Carol L Karp MD</i>
12:30		
1:00	Multidisciplinary Approaches to Proptosis: Neuro-Ophthalmology and Oculoplastics <i>Prem S Subramanian MD PhD, Kimberly Cockerham MD FACS, Andrew R Harrison MD</i>	
1:30		The Worrisome Choroidal Lesion: Approaches, Evaluation and Management <i>Prithvi Mruthyunjaya MD, Jill R Wells MD, Basil K Williams MD</i>
2:00	Corneal Transplant DMEK, DALK, PK Indications and Management <i>Sadeer B Hannush MD, Beeran B Meghpara MD, Ellen Koo MD</i>	
2:30		
3:00		Ectropion and Entropion Repair for the Comprehensive Ophthalmologist <i>Anne Barmettler MD, James G Chelnis MD</i>
3:30		
4:00	YO - Contract Negotiation and Getting What You Want <i>Arvind Saini MD MBA, James G Chelnis MD</i>	
4:30		Controversies in the Selection and Timing of Orbital Fracture Repair <i>Paul D Langer MD, Robert C Kersten MD</i>
5:00		

Monday, Nov. 15

	Learning Lounge 1	Learning Lounge 2
9:30		
10:00	Management of Herpes Simplex Keratitis <i>Brandon Ayres MD, Irving M Raber MD</i>	
10:30		Angle Closure: An Evidence-Based Update <i>Christopher C Teng MD, Sandra Fernando Sieminski MD, Syril Dorairaj MD</i>
11:00		
11:30	Corneal Neurotization <i>Ilya M Leyngold MD, Andrea N Kossler MD, Michael T Yen MD</i>	
12:00		Artificial Intelligence and Machine Learning in Glaucoma <i>Lama A Al-Aswad MD MPH, Joel S Schuman MD</i>
12:30		
1:00	Evaluation of the Patient with Ptosis <i>Amina I Malik MD, Kenya M Williams MD</i>	
1:30		Glaucoma Imaging Using OCT in Your Glaucoma Practice <i>Vikas Chopra MD, Ramya N Swamy MD</i>
2:00		
2:30	Building Global Ophthalmology Into Your Career <i>Simon Fung MD MA FRCOphth, Mais Alkilany MD MRSCED(OPHTH), Jacquelyn A O'Banion MD, Jeff H Pettey MD MBA</i>	
3:00		

Original Papers

Saturday – Monday, Nov. 13 - 15
Room 255-257

Several papers are presented at each session. A panel discussion follows each paper presentation. At the end of each session, the panel will select the best paper.

View a full list of papers in the Mobile Meeting Guide, www.aao.org/mobile.

Time	No.	Title
Saturday, Nov. 13		
8:00 - 9:15 AM	OP01	Glaucoma
9:45 - 11:00 AM	OP02	Uveitis
11:30 AM - 12:45 PM	OP03	Pediatric Ophthalmology, Strabismus
2:00 - 3:15 PM	OP04	Cataract
Sunday, Nov. 14		
8:00 - 9:15 AM	OP05	Cornea, External Disease
9:45 - 11:00 AM	OP06	Refractive
11:30 AM - 12:45 PM	OP07	Glaucoma
2:00 - 3:15 PM	OP08	Retina, Vitreous
Monday, Nov. 15		
8:00 - 9:15 AM	OP09	Neuro-Ophthalmology
9:45 - 11:00 AM	OP10	Ocular Pathology and Oculoplastics
11:30 AM - 12:30 PM	OP11	Retina, Vitreous

Scientific Posters

Posters are not eligible for CME credit.

Poster Theater

Hall C, Booth 200

Meet presenters and attend moderated poster presentations led by your mentors and colleagues

Saturday, Nov. 13	9:15 – 10:15 AM	PT01: Pediatric Ophthalmology, Strabismus
	10:45 – 11:45 AM	PT02: Glaucoma
	12:45 – 1:45 PM	PT03: Neuro-Ophthalmology
	2:15 – 3:15 PM	PT04: Refractive Surgery
	3:45 – 4:45 PM	PT05: Cataract
Sunday, Nov. 14	9:15 – 10:15 AM	PT06: Ocular Pathology and Oculoplastics
	10:45 – 11:45 AM	PT07: Uveitis
	12:45 – 1:45 PM	PT08: Retina, Vitreous
	2:15 – 3:15 PM	PT09: Trauma
	3:45 – 4:45 PM	PT10: Cornea, External Disease
Monday, Nov. 15	9:15 – 10:15 AM	PT11: Retina, Vitreous
	10:45 – 11:45 AM	PT12: Cornea, External Disease
	12:45 – 1:45 PM	PT13: Glaucoma

Poster Discussions

AAO 2021 Virtual

Hear presenting authors give a summary of their posters, followed by informal panel discussions.

The following discussions are available to view in the virtual meeting, www.aao.org/virtual-meeting:

No.	Title
PD01	Cataract Poster Discussion
PD02	Cataract Poster Discussion
PD03	Cornea, External Disease Poster Discussion
PD04	Cornea, External Disease Poster Discussion
PD05	Glaucoma Poster Discussion
PD06	Glaucoma Poster Discussion
PD07	Neuro-Ophthalmology Poster Discussion
PD08	Oculoplastics, Orbit, Ocular Pathology Poster Discussion
PD09	Pediatric Ophthalmology, Strabismus Poster Discussion
PD10	Refractive Poster Discussion
PD11	Retina, Vitreous Poster Discussion
PD12	Retina, Vitreous Poster Discussion
PD13	Uveitis Poster Discussion

Poster Viewing

AAO 2021 Virtual, www.aao.org/virtual-meeting and Mobile Meeting Guide, www.aao.org/mobile.

Best Scientific Posters

The following posters received the highest grades by the Annual Meeting Program Committee and were selected as Best Posters.

No.	Title	Presenter
Cataract		
P0020	A Contemporary Retrospective Analysis of Endophthalmitis Following Cataract Surgery Using the IRIS® Registry	Michael H Goldstein MD
P0022	Advanced IOL Calculations Using Intraoperative Aberrometry, High-Resolution Scheimpflug Imaging, SD-OCT Imaging and the ASCRS IOL Calculator in Post-RK Eyes Undergoing Cataract Surgery	Neeraj Singh Chawla
P0129	Depth of Focus and Visual Performance of Two Different Presbyopia-Correcting IOLs	Robert Edward T Ang MD
P0132	Management of Serious Complications After Cosmetic Iris Implants	Jorge L Alio MD PhD
P0136	Instant Mydriasis and Sustained Intraocular Anesthesia With Intracameral Injection of the Fixed Combination Tropicamide, Phenylephrine and Lidocaine	Lional Raj Daniel Raj Ponniah MD
Cornea, External Disease		
P0047	Effect of 6-Month Postoperative Endothelial Cell Density on Graft Survival After DMEK	Lamis Baydoun MD
P0048	Prior Contralateral PKP Is a Risk Factor for Second Eye Graft Rejection	Eric J Shuey MS
P0151	Long-Term Outcomes of DALK in Children: A 14-Year Experience	Muralidhar Ramappa MD
P0162	In Vitro Antibiotic Resistance Among Aqueous and Vitreous Humor Bacterial Isolates Collected in the ARMOR Study	Penny A Asbell MD FACS
P0163	Evaluation of Rose Bengal–Mediated PDT for Inhibition of Bacteria, Rapid Growing Mycobacteria, Fungi and Parasites	Talita Trevizani Rocchetti
P0167	Neutrophic Keratopathy in the United States: An IRIS® Registry Analysis	Yandong Bian MD
P0186	A Randomized Controlled Trial of DMEK vs. MT-DSAEK: Two-Year Results	Rathin Pujari MA MBBCHIR
Electronic Health Records, Information Technology		
P0193	The Role of Teleophthalmology in the Delivery of Outpatient Eye Care During the COVID-19 Pandemic	Hesham Gabr MD
General Medical		
P0197	Barriers to Telehealth Access in Ophthalmology During the COVID-19 Pandemic	Karen Gutierrez

No.	Title	Presenter
Glaucoma		
P0009	Predictive Factors of Hyphema Development After Kahook Dual Blade Excisional Goniotomy	Eli Lynn Pratte BS
P0059	Patient-Reported Outcomes After Incisional Glaucoma Surgery vs. MIGS	Daniela Alvarez-Ascencio MD
P0221	Hemorrhagic Complications Following Trabecular Bypass Microstent Surgery in the Setting of Antithrombotic Therapy	Wesam Mahmoud Shamseldin Shalaby MD
P0233	Assessment of the Role and Timing of Glaucoma Surgery in Boston Keratoprosthesis Type 1 Patients	Dominique Geoffrion BS
P0238	Estimating the Risk of Airborne COVID-19 Transmission While Performing HVF Testing	Nikhil S Jain MBBS
Global Ophthalmology		
P0244	OmpA Types in Children Reinfected With Chlamydia in an Area With Hyperendemic Trachoma	Arman Mosenia MS
Health Policy		
P0061	Patient Characteristics and Cost Experience in Trabecular Bypass Stent Surgery Among ACA Marketplace Plans	George Lin BA
P0246	Factors Accounting for the Gender Compensation Gap for Ophthalmologists in the First Year of Clinical Practice: A Path Analysis	Alexander P Lazzaro MBA MS
Medical Education		
P0259	Predictors of Ophthalmology Resident Performance Using Medical Student Application Materials	Andrew J Barkmeier MD
Neuro-Ophthalmology		
P0272	Retinal Microvascular Changes Do Not Appear to Predict 90-Day Risk of Stroke and CVEs Among Patients Presenting to the Emergency Department With Suspected TIA: The FOTO-TIA Study	Valerie Biousse MD
Ocular Pathology, Oncology		
P0092	Primary Orbital Retinoblastoma: Long-Term Outcome of Intensive Multimodal Treatment Protocol	Fairooz Puthiyapurayil Manjandavida MD
P0093	A Phase 2 Trial of a First-in-Class Targeted Therapy for Choroidal Melanoma via Suprachoroidal Administration	Hakan Demirci MD
Oculoplastics, Orbit		
P0091	Orbital Myositis Following COVID-19 Vaccination	Edith R Reshef MD
P0284	Outcome of Silicone vs. PMMA Orbital Implants Following Minimal Manipulation Myoconjunctival Enucleation in Retinoblastoma	Harika Regani MD
P0293	Association of Blepharoptosis With Refractive Error in the Korean General Population	Juhyang Lee MD
Pediatric Ophthalmology, Strabismus		
P0002	Ocular Sequelae in a Population-Based Cohort of Children Diagnosed With DM Over a 50-Year Period	Patricia Bai BA
P0004	Likelihood of Germline Mutation With Solitary Unilateral Retinoblastoma Based on Patient Age at Presentation: A Real-World Analysis of 482 Consecutive Patients	Carol L Shields MD
P0310	Low Hemoglobin and RBC Transfusions as Risk Factors for Severe ROP: A Case-Control Study	Tiffany Jessi Wu BS

No.	Title	Presenter
Refractive Surgery		
PO017	Development of LoVC Ciliary Body Inner Diameter–Based Formula for ICL Sizing Using Artemis Insight 100 VHF Digital Ultrasound Biometry	Dan Z Reinstein MD
Retina, Vitreous		
PO036	Incidence of CRAO and CRVO During the COVID-19 Pandemic	Ahmad Al Moujahed MD
PO037	A Cost-Effectiveness Analysis of Intravitreal Aflibercept for the Prevention of Proliferative Diabetic Retinopathy	Nimesh A Patel MD
PO038	Change to Plaquenil Screening Criteria Improves Detection	Suri N Appa MD
PO039	Clinical Features, Factors of Tumor Growth, Appearance of Tumor Vascular by SS-OCTA and Outcomes of Intravitreal Injection of VEGF Therapy in Patients With Choroidal Osteoma	Nan Zhou MD
PO050	Loss to Follow-Up in Patients With Proliferative Diabetic Retinopathy Treated With Anti-VEGF Therapy and/or PRP in the United States	Rahul Khurana MD
PO051	Retinal Impacts of Bariatric Surgery: A Meta-Analysis of 362,589 Patients	Caberry Yu
PO107	Timing of Delayed Retinal Break in Patients Presenting With Acute Posterior Vitreous Detachment in the IRIS® Registry	Gautam Vangipuram MD
PO108	Exploring Ang2 Signaling in Vascular Stability in Patients With DME Receiving Faricimab in Phase 2 and Phase 3 Trials	Veeral Sheth MD
PO354	Demographics in Retinal Vascular Disease Randomized Control Trials Compared to U.S. Census Data	Hong-Uyen Hua MD
Uveitis, Intraocular Inflammation		
PO031	Photoreceptor Density in Adaptive Optics Imaging Is Correlated With Retinal Structure and Sensitivity in Autoimmune Retinopathy	Wataru Matsumiya MD
PO032	Development and Validation of a Deep Learning–Based System for Detection of AIDS-Related CMV Retinitis in Ultrawide-field Fundus Images	Li Dong
PO385	Service Coverage Analysis for Pediatric Uveitis Care in the United States	Anjalee Choudhury BS
Wellness		
PO396	The Effects of the COVID-19 Pandemic on the Physician	Frini A Makadia MD

Symposia

Saturday - Monday, Nov. 13 - 15

Symposia are free of charge and open to all attendees.

SATURDAY, NOV. 13

Radiation Treatment for Ocular and Ocular Adnexal Tumors: Updates for the Ophthalmologist

SYM02 8:00 - 9:15 AM

Room: New Orleans Theater C

Cosponsored by the American Association of Ocular Oncology and Pathology (AAOOP)

ZIMMERMAN LECTURE

Ocular Manifestations of Prion Diseases

R Nick Hogan MD PhD

Infectious Disease in Neuro-Ophthalmology: It's Not Just COVID-19

SYM05 8:00 - 9:15 AM

Room: La Nouvelle Orleans C

Cosponsored by the North American Neuro-Ophthalmology Society (NANOS)

WILLIAM F. HOYT LECTURE

Acute Retinal Ischemia: Time for Action!

Valerie Biousse MD

Management of Pediatric Ocular Trauma

SYM03 9:45 - 11:00 AM

Room: New Orleans Theater C

Cosponsored by the American Association of Pediatric Ophthalmology and Strabismus (AAPOS)

MARSHALL M. PARKS LECTURE

The Importance of the Conjunctiva in Strabismus and Strabismus Surgery

Monte A Del Monte MD

What You Need to Know From the Past Year's Literature

SYM04 9:45 - 11:00 AM

Room: New Orleans Theater AB

Cosponsored by the American Ophthalmological Society (AOS) and the American Board of Ophthalmology (ABO)

New Approaches to Growing Your Practice

SPO1 9:45 - 11:00 AM

Room: La Nouvelle Orleans C

MICHAEL F MARMOR LECTURE IN OPHTHALMOLOGY AND THE ARTS

SYM06 11:30 AM - 12:30 PM

Room: La Nouvelle Orleans C

Self-Taught Art vs. the Mainstream

Alice Yelen Gitter

Same-Day Bilateral Cataract Surgery

SYM07 11:30 AM - 12:45 PM

Room: New Orleans Theater AB

Cosponsored by the Preferred Practice Patterns Committee (PPP)

Diagnostic and Treatment Challenges of Ocular Infection vs. Inflammation

SYM08 11:30 AM - 12:45 PM

Room: New Orleans Theater C

Cosponsored by the American Uveitis Society and the Ocular Microbiology and Immunology Group

Artificial Intelligence and Big Data: How They are Driving Clinical Care Decision-Making in the VA and DoD

SYM67 11:30 AM - 12:45 PM

Room: 252-254

Hot Topics in Academic Global Ophthalmology

SYM09 2:00 - 3:15 PM

Room: 252-254

Cosponsored by the AAO Global Education and Outreach Committee

The Great Debate: Glaucoma

SYM10 2:00 - 3:15 PM

Room: La Nouvelle Orleans C

What Every Ophthalmologist Must Know About Information Technology in 2021

SYM11 2:00 - 3:15 PM

Room: New Orleans Theater C

Cosponsored by the Committee on Medical Information Technology (CMIT)

SATURDAY, NOV. 13 (CON'T)**OMIC Bruce Spivey MD Forum - Benefits versus Goals: Managing Patient Expectations in Refractive and Oculofacial Plastic Surgery**

SYM61 3:00 - 3:15 PM
Room: New Orleans Theater AB

Mentoring in Ophthalmology

SYM12 3:45 - 5:00 PM
Room: La Nouvelle Orleans C

Cosponsored by the Young Ophthalmologist Committee

Environmental Adaptations: Enhancing Safety, Accessibility and Independence for Low Vision Patients

SYM13 3:45 - 5:00 PM
Room: 252-254

Cosponsored by the Vision Rehabilitation Committee

2021 Medicare Update Forum

SYM62 3:45 - 5:00 PM
Room: New Orleans Theater AB

SUNDAY, NOV. 14**Glaucoma: Integrating Structure, Function, and Access to Care**

SYM14 8:00 - 9:15 AM
Room: La Nouvelle Orleans C

Joint Session with the American Academy of Optometry

Innovations in Contact Lens Technology

SYM15 8:00 - 9:15 AM
Room: New Orleans Theater C

Cosponsored by the Eye and Contact Lens Association (ECLA)

WHITNEY G. SAMPSON LECTURE**Innovations in Scleral Lenses**

Deborah S Jacobs MD

The Impact of Age on Management of Common Ocular Conditions

SYM16 8:00 - 9:15 AM
Room: 243-245

Cosponsored by the Senior Ophthalmologist Committee

Cataract Surgery in Special Situations

SPO2 9:45 - 11:00 AM
Room: The Great Hall

Nightmares in Oculofacial Plastic Surgery: Managing Your Worst Complications

SYM17 9:45 - 11:00 AM
Room: 243-245

Cosponsored by the American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS)

WENDELL L HUGHES LECTURE**Lessons Learned... 35 Years of Oculoplastic Practice**

Jeffrey A Nerad MD

Corneal Ulcers: Beyond Topical Antimicrobial Therapy!

SYM18 9:45 - 11:00 AM
Room: New Orleans Theater C

Cosponsored by the Ocular Microbiology and Immunology Group (OMIG)

JONES/SMOLIN LECTURE

Eduardo C Alfonso MD

Landmark Glaucoma Studies—Have They Really Changed My Practice?

SYM19 9:45 - 11:00 AM
Room: La Nouvelle Orleans C

Cosponsored by the American Glaucoma Society

Current Pharmacologic and Surgical Treatment of the Macular Edemas

SYM20 9:45 - 11:00 AM
Room: La Nouvelle Orleans AB

Cosponsored by the Macula Society

2021 YO Program PART I: Carving Your Path as a Resident and Beyond

SYM63 9:45 - 11:00 AM
Room: 252-254

Q&A With the FDA

SYM69 9:45 - 11:00 AM
Room: 340-341

C STEPHEN AND FRANCES FOSTER LECTURE ON UVEITIS AND IMMUNOLOGY

SYM38 11:30 AM - 12:30 PM
Room: La Nouvelle Orleans C

A Practical Framework for Management of Retinal Vasculitis

Narsing A Rao MD

SUNDAY, NOV. 14 (CON'T)

Hot Topics 2021

SYM21 11:30 AM - 12:45 PM
Room: La Nouvelle Orleans AB

Researching Eye Health Care Equity Amidst Workforce Disparity

SYM23 11:30 AM - 12:45 PM
Room: New Orleans Theater C
Cosponsored by American Academy of Ophthalmology Task Force on Disparities in Eyecare

Oculoplastic Papers That Will Change Your Practice: A Critical Evaluation of Topline Data

SYM24 11:30 AM - 12:45 PM
Room: 243-245
Cosponsored by the Ophthalmic Technology Assessment Committee (OTAC)

2021 YO Program PART II: Wellness: A Practical Guide to Your Rights and Resources

SYM64 11:30 AM - 12:45 PM
Room: 252-254

Scientific Findings From Big Data from the RPB/AAO Award for IRIS® Registry Research

SYM25 2:00 - 3:15 PM
Room: 243-245
Cosponsored by the IRIS Registry Analytics Committee

The Many Paths to Leadership: A Conversation With the Academy Fab Five

SYM26 2:00 - 3:15 PM
Room: LA Nouvelle Orleans C

Ophthalmic Premier League: A Team Symposium on Managing Cataract Complications

SYM27 2:00 - 3:15 PM
Room: The Great Hall

It's All in the Details: A Look at Oculoplastic Procedures and Ocular Prosthetic Methods

SYM28 2:00 - 3:15 PM
Room: New Orleans Theater C
Cosponsored by the American Society of Ocularists (ASO)

RUEDEMANN LECTURE**Fat Chance of Being Right: An Ocularist Perspective**

Kurt V Jahrling BCO

Recent Developments in the Management of Corneal Diseases

SYM29 2:00 - 3:15 PM
Room: La Nouvelle Orleans AB
Cosponsored by the Cornea Society

CASTROVIEJO LECTURE**Schnyder Corneal Dystrophy, Unraveling a Mystery: The Importance of One Rare Disease**

Jayne S Weiss MD

2021 YO Program PART III: Why Representation Matters: A New Era of Equity

SYM65 2:00 - 3:15 PM
Room: 252-254

Controversies in Cataract and Refractive Surgery

SYM31 3:45 - 5:00 PM
Room: La Nouvelle Orleans AB
Cosponsored by the International Society of Refractive Surgery (ISRS)

BARRAQUER LECTURE**Aha Moments in the Corneal Response to Injury**

Steven E Wilson MD

Integrating Clinical Trials Into Your Practice

SYM32 3:45 - 5:00 PM
Room: 243-245
Cosponsored by Women in Ophthalmology (WIO)

Ophthalmic Trauma: Responsibilities of the On-Call Ophthalmologist

SYM33 3:45 - 5:00 PM
Room: La Nouvelle Orleans C
Cosponsored by the American Society of Ophthalmic Trauma (ASOT)

MONDAY, NOV. 15

Spotlight on Cataract Complications

SP03 8:00 AM - 12:30 PM
Room: The Great Hall

CHARLES D KELMAN LECTURE**Niche Devices for Special Eyes**

Michael E Snyder MD

**Self-Reflection at Any Stage of Your Career:
Things I Would Tell My Younger Self**

SYM34 8:00 - 9:15 AM
Room: 243-245

*Sponsored by the Young Ophthalmologist Committee
and Senior Ophthalmologist Committee*

**Introduction to Cornea and Lens-Based
Refractive Surgery for Residents**

SYM60 8:00 - 9:15 AM
Room: La Nouvelle Orleans AB

Dry AMD: Are We on the Verge of a Treatment?

SYM35 9:45 - 11:00 AM
Room: La Nouvelle Orleans AB

Cosponsored by The Retina Society

**Global Ophthalmology 2030: Pursuing Sustainable
Development Goals in a Post-COVID Landscape**

SYM36 9:45 - 11:00 AM
Room: 252-254

*Cosponsored by the Global Education and Outreach
Committee*

**Contributions of Women in Ophthalmic
Subspecialties**

SYM37 9:45 - 11:00 AM
Room: 243-245

*Cosponsored by the Truhlsen-Marmor Museum of the
Eye and Women in Ophthalmology*

**DR. ALLAN JENSEN AND
CLAIRE JENSEN LECTURE IN
PROFESSIONALISM AND ETHICS**

SYM22 11:30 AM - 12:30 PM
Room: 243-245

**Navigating the Confusing World of Research
Versus Innovative Treatment: Ethical and
Regulatory Issues**

Jerry A Menikoff MD JD

**Diversity, Equity and Inclusion: Perspectives
From Ophthalmology Leadership**

SYM39 11:30 AM - 12:45 PM
Room: La Nouvelle Orleans AB

*Cosponsored by the National Medical Association
Ophthalmology Section (NMA)*

**Welcome to the Real World of Ophthalmology:
Reality 101 for Residents and Fellows**

SYM68 11:30 AM - 12:45 PM
Room: 340-341

Cosponsored by the Young Ophthalmologist Committee

Essentials for the Cataract Surgeon in 2021

SYM40 2:00 - 3:15 PM
Room: The Great Hall

*Cosponsored by the American Society of Cataract and
Refractive Surgery (ASCRS)*

**Imaging in Noninfectious Intermediate, Posterior
and Panuveitis**

SYM41 2:00 - 3:15 PM
Room: La Nouvelle Orleans AB

Cosponsored by the American Uveitis Society (AUS)

Achieving Health Equity in Glaucoma Care

SYM42 2:00 - 3:15 PM
Room: 243-245

Cosponsored by Prevent Blindness

ROBERT N. SHAFFER LECTURE

**Navigating between Scylla and Charybdis:
An Evidence-Based Guide to Minimizing
Overtreatment and Undertreatment of Patients
with Glaucoma**

Dale K Heuer MD

Closing Session

SYM70 3:45 - 5:00 PM
Room: The Great Hall

Skills Transfer Programs-by-Day

All rooms are located in Morial Convention Center. Check www.aao.org/mobile for most current room and meeting information.

\$ Requires a ticket or separate registration. If no \$ symbol the session is included in AAO 2021 registration.

Prerequisite lectures are **strongly recommended**, but not **required**.

	Topic Key
CAT - Cataract	OPTIC - Optics, Refraction, Contact Lenses
COR - Cornea, External Disease	PATH - Ocular Pathology, Oncology
EHR - Electronic Health Records, Information Technology	PEDS - Pediatric Ophthalmology, Strabismus
GLA - Glaucoma	PLAST - Oculoplastics, Orbit
NEURO - Neuro-Ophthalmology	REF - Refractive Surgery
	RET - Retina, Vitreous

Saturday, Nov. 13

Time	Type	No.	Title	Topic	\$	Room
8:00 - 9:15 AM	SKILLS	LEC102	Manual Small-Incision Cataract Surgery	GO		346-347
	SKILLS	LEC103	Corneal Incisions to Correct Astigmatism	REF		217-219
	SKILLS	LEC104	Phacoemulsification and Advanced Techniques: The Core Curriculum	CAT		295-296
	SKILLS	LEC105	Imaging of the Optic Nerve and Nerve Fiber Layer	GLA		333-334
8:00 - 9:30 AM	SKILLS	LAB100	Workshop in Techniques of Lacrimal Intubation	PLAST	\$	352
8:00 - 10:00 AM	SKILLS	LAB101	Advanced Suturing: Scleral and Iris Fixation of Posterior Chamber IOLs Plus Intraocular Knot Tying	CAT	\$	343
	SKILLS	LAB107	No Capsule, No Problem: Intrasccleral Haptic Fixation of IOLs	CAT	\$	356-357
9:45 - 11:00 AM	SKILLS	LEC109	Anterior Lamellar Keratoplasty: Principles and Practice	COR		278-279
	SKILLS	LEC110	Advanced Periorbital Flap and Graft Techniques	PLAST		238-239
	SKILLS	LEC111	Trabeculectomy Techniques: Tips and Traps	GLA		333-334
	SKILLS	LEC112	Learning the DMEK Procedure	COR		280-282
10:00 - 11:30 AM	SKILLS	LAB103A	Corneal Incisions to Correct Astigmatism	REF	\$	344-345
10:30 AM - 12:00 PM	SKILLS	LAB102A	Manual Small-Incision Cataract Surgery		\$	356-357
10:30 AM - 12:30 PM	SKILLS	LAB114	Basic Oculoplastic Surgery	PLAST	\$	352
11:30 AM - 12:30 PM	SKILLS	LAB115	iPhoto: Use of Smartphones for Fundus and External Photos	GLA	\$	350-351
11:30 AM - 12:45 PM	SKILLS	LEC116	Management of the Vitreous for the Anterior Segment Surgeon	CAT		297
	SKILLS	LEC117	Glaucoma Tube Shunts to Equatorial Plate Reservoir	GLA		333-334
	SKILLS	LEC118	Advanced Refractive Cataract Surgery and Anterior Segment Reconstruction	CAT		295-296
11:30 AM - 1:30 PM	SKILLS	LAB105A	Imaging of the Optic Nerve and Nerve Fiber Layer	GLA	\$	343
12:30 - 2:30 PM	SKILLS	LAB109A	Anterior Lamellar Keratoplasty: Principles and Practice	COR	\$	344-345
1:00 - 2:30 PM	SKILLS	LAB104A	Phacoemulsification and Advanced Techniques	CAT	\$	356-357
	SKILLS	LAB111A	Trabeculectomy Techniques	GLA	\$	353-355
1:30 - 3:00 PM	SKILLS	LAB110A	Advanced Periorbital Flap and Graft Techniques	PLAST	\$	352

Saturday, Nov. 13 (con't)

Time	Type	No.	Title	Topic	\$	Room
2:00 - 3:15 PM	SKILLS	LEC120	International Society of Refractive Surgery Laser Refractive Surgery Course	REF		217-219
	SKILLS	LEC121	MIGS: Devices and Incisional Techniques	GLA		333-334
	SKILLS	LEC122	Cosmetic OnabotulinumtoxinA and Facial Fillers	PLAST		238-239
	SKILLS	LEC123	Endothelial Keratoplasty Techniques	COR		280-282
2:00 - 4:00 PM	SKILLS	LAB119	Smartphones in Ophthalmology: #TheFutureIsAI	EHR	\$	350-351
2:30 - 4:30 PM	SKILLS	LAB124	Neuroimaging in Ophthalmology	NEURO	\$	343
3:00 - 5:00 PM	SKILLS	LAB112A	Learning the DMEK Procedure: An Introductory Course	COR	\$	344-345
	SKILLS	LAB118A	Advanced Refractive Cataract Surgery and Anterior Segment Reconstruction	CAT	\$	356-357
3:30 - 5:00 PM	SKILLS	LAB117A	Glaucoma Tube Shunts to Equatorial Plate Reservoir	GLA	\$	353-355
3:45 - 5:00 PM	SKILLS	LEC125	Advanced Endothelial Keratoplasty (DSEK/DMEK): Overview and Surgical Pearls	COR		280-282

Sunday, Nov. 14

Time	Type	No.	Title	Topic	\$	Room
8:00 - 9:15 AM	SKILLS	LEC127	Assessment and Management of Astigmatism in Cataract Surgery	CAT		295-296
	SKILLS	LEC128	Glaucoma Laser Therapy: Innovations and Advice From the Experts	GLA		338-339
	SKILLS	LEC129	Macular OCT: Mastering the Basics	RET		288-290
	SKILLS	LEC131	Blepharoplasty	PLAST		238-239
8:00 - 9:30 AM	SKILLS	LAB116A	Management of the Vitreous for the Anterior Segment Surgeon	CAT	\$	356-357
	SKILLS	LAB122A	Cosmetic OnabotulinumtoxinA and Facial Fillers	PLAST	\$	352
8:00 - 10:00 AM	SKILLS	LAB121A	MIGS: Devices and Incisional Techniques	GLA	\$	353-355
	SKILLS	LAB123A	Endothelial Keratoplasty Techniques	COR	\$	344-345
	SKILLS	LAB126	Gonioscopy and Anterior Segment Imaging for Glaucoma Surgery	GLA	\$	343
9:45 - 11:00 AM	SKILLS	LEC132	Innovations in Minimally Invasive Strabismus Surgery	PEDS		283-285
	SKILLS	LEC133	Diabetes 2021: Course on Diabetic Retinopathy	RET		288-290
	SKILLS	LEC135	Corneal Neurotization Techniques	COR		275-277
10:00 - 11:30 AM	SKILLS	LAB102B	Manual Small-Incision Cataract Surgery			356-357
10:00 AM - 12:00 PM	SKILLS	LAB131A	Blepharoplasty	PLAST	\$	352
10:30 AM - 12:00 PM	SKILLS	LAB127A	Limbal Relaxing Incisions in the Management of Astigmatism	CAT	\$	344-345
10:30 AM - 12:30 PM	SKILLS	LAB128A	Glaucoma Laser Therapy: Innovations and Advice From the Experts	GLA	\$	353-355
11:00 AM - 1:00 PM	SKILLS	LAB129A	Macular OCT: Mastering the Basics	RET	\$	343
11:30 AM - 12:45 PM	SKILLS	LEC138	Advanced Techniques in Orbital Decompression and Expansion	PLAST		238-239
	SKILLS	LEC139	Pupilloplasty Techniques and Innovations in Iris Repair	CAT		297
12:30 - 2:30 PM	SKILLS	LAB118B	Advanced Refractive Cataract Surgery and Anterior Segment Reconstruction	CAT	\$	356-357

Sunday, Nov. 14 (con't)

Time	Type	No.	Title	Topic	\$	Room
1:00 - 2:00 PM	SKILLS	LAB106	An Innovative Approach to Iris Fixation of an IOL Without Capsular Support	CAT	\$	350-351
1:00 - 2:30 PM	SKILLS	LAB135A	Corneal Neurotization Techniques	COR	\$	352
1:00 - 3:00 PM	SKILLS	LAB125A	Advanced Endothelial Keratoplasty (DSEK/DMEK): Overview and Surgical Pearls	COR	\$	344-345
1:30 - 3:00 PM	SKILLS	LAB132A	Wright Innovations in Minimally Invasive Strabismus Surgery	PEDS	\$	353-355
2:00 - 3:15 PM	SKILLS	LEC141	Introduction to Aesthetic Facial Surgery by Fractional Lasers, Intense Pulsed Light, Radiofrequency and Ultrasound Devices	PLAST		238-239
	SKILLS	LEC142	Microsurgical Suturing Techniques	COR		280-282
2:00 - 4:00 PM	SKILLS	LAB133A	Diabetes 2021 Lab: Fluorescein Angiography Interpretation	RET	\$	343
2:30 - 3:30 PM	SKILLS	LAB108	An Innovative Approach to Iris Fixation of an IOL Without Capsular Support	CAT	\$	350-351
3:30 - 5:00 PM	SKILLS	LAB104C	Basic Phacoemulsification	CAT	\$	356-357
	SKILLS	LAB120A	Laser Refractive Surgery	REF	\$	344-345
	SKILLS	LAB139A	Pupilloplasty Techniques and Innovations in Iris Repair	CAT	\$	353-355
3:30 - 5:30 PM	SKILLS	LAB138A	Advanced Techniques in Orbital Decompression and Expansion	PLAST	\$	352
3:45 - 5:00 PM	SKILLS	LEC145	Surgery for Severe Corneal and Ocular Surface Disease	COR		280-282
	SKILLS	LEC146	Mastering Childhood Glaucoma Surgical Techniques	PEDS		283-285

Monday, Nov. 15

Time	Type	No.	Title	Topic	\$	Room
8:00 - 9:30 AM	SKILLS	LAB104B	Phacoemulsification and Advanced Techniques	CAT	\$	356-357
	SKILLS	LAB141A	Introduction to Aesthetic Facial Surgery by Fractional Lasers, Intense Pulsed Light, Radiofrequency and Ultrasound Devices	PLAST	\$	353-355
	SKILLS	LAB145A	Surgery for Severe Corneal Ocular Surface Disease	COR	\$	344-345
8:00 - 10:00 AM	SKILLS	LAB140	Project Human Genome: Genetic Testing for Inherited Eye Diseases	RET	\$	350-351
	SKILLS	LAB147	Oculoplastic Surgery: Anatomic Foundations, Surgical Techniques and Enhanced Results	PLAST	\$	352
10:00 - 11:30 AM	SKILLS	LAB146A	Mastering Childhood Glaucoma Surgical Techniques	PEDS	\$	353-355
10:30 AM - 12:00 PM	SKILLS	LAB116B	Management of the Vitreous for the Anterior Segment Surgeon	CAT	\$	356-357
10:30 AM - 12:30 PM	SKILLS	LAB142A	Microsurgical Suturing Techniques	COR	\$	344-345
11:00 AM - 1:00 PM	SKILLS	LAB149	Basic Workshop in Flap Techniques for Oculoplastic Surgery	PLAST	\$	352

Skills Transfer Program

Saturday - Monday, Nov. 13 - 15

- Attendance in Skills Transfer courses is limited to physicians only, except where noted in the course description. (The term “physician” refers to the definition in the Federal Register: “Those individuals licensed to practice medicine and surgery and osteopathy.”)
- Registrants in Skills Transfer lab courses may be required to bring instruments and/or sign an infectious disease waiver form. Refer to individual course listings for specific requirements.
- Skills Transfer labs are ticketed events and must be purchased separately.
- Prerequisite lectures are *strongly recommended*, but not required.
- You may attend Skills Transfer lectures without purchasing the lab.
- Due to Fire Marshal regulations, seating capacities in courses/lectures are limited. Seating is available on a first-come basis, so please plan accordingly.
- Members in Training automatically receive a 50% discount on all Skills Transfer labs, except where noted.
- Tickets are non-transferable.

Note: Skills Transfer courses are intended to provide instruction leading to new knowledge and/or skills. The Academy does not certify competence upon completion of Academy courses. Academy courses are not intended to serve as a basis for requesting new or expanded privileges.

NEW New Course

EQUIP Participants are required to bring specific equipment, refer to the course abstract for information.

W Participants are required to sign an infectious disease transmission waiver/release form.

CATARACT

Advanced Suturing: Scleral and Iris Fixation of Posterior Chamber IOLs Plus Intraocular Knot Tying

Course Director(s): Gregory S H Ogawa MD

Course: LAB101 Saturday, 8:00 - 10:00 AM

Fee: \$125 Room: 343

Manual Small-Incision Cataract Surgery

Course Director(s): Jeff H Pettey MD MBA

Course: LEC102 Saturday, 8:00 - 9:15 AM

Room: 346-347

Select one of the following

Course: LAB102A Saturday, 10:30 AM - 12:00 PM

Fee: \$265 Room: 356-357

Course: LAB102B Sunday, 10:00 - 11:30 AM

Fee: \$265 Room: 356-357

Phacoemulsification and Advanced Techniques

Course Director(s): Steven H Dewey MD

Course: LEC104 Saturday, 8:00 - 9:15 AM

Room: 295-296

Senior Instructor(s): Gerald G Roper MD; Anita Nevvas-Wallace MD

Select one of the following

Course: LAB104A Saturday, 1:00 - 2:30 PM

Fee: \$265 Room: 356-357

Course: LAB104B Monday, 8:00 - 9:30 AM

Fee: \$265 Room: 356-357

Basic Phacoemulsification

Senior Instructor(s): Maria Mendicino Aaron MD

Course: LAB104C Sunday, 3:30 - 5:00 PM

Fee: \$265 Room: 356-357

An Innovative Approach to Iris Fixation of an IOL Without Capsular Support

Course Director(s): Paul R Rosenberg MD FACS

Select One of the Following:

Course: LAB106 Sunday, 1:00 - 2:00 PM

Fee: \$65 Room: 350-351

Course: LAB108 Sunday, 2:30 - 3:30 PM

Fee: \$65 Room: 350-351

No Capsule, No Problem: Intrasccleral Haptic Fixation of IOLs

Course Director(s): Naveen K Rao MD

Course: LAB107 Saturday, 8:00 - 10:00 AM

Fee: \$300 Room: 356-357

Course: LEC107V www.aao.org/virtual-meeting

Management of the Vitreous for the Anterior Segment Surgeon

Course Director(s): Natalie A Afshari MD

Course: LEC116 Saturday, 11:30 AM - 12:45 PM

Room: 297

Select one of the following

Course: LAB116A Sunday, 8:00 - 9:30 AM

Fee: \$265 Room: 356-357

Course: LAB116B Monday, 10:30 AM - 12:00 PM

Fee: \$265 Room: 356-357

Advanced Refractive Cataract Surgery and Anterior Segment Reconstruction

Course Director(s): Brock K Bakewell MD

Course: LEC118 Saturday, 11:30 AM - 12:45 PM

Room: 295-296

Select one of the following

Senior Instructor(s): Richard A Lehrer MD

Course: LAB118A Saturday, 3:00 - 5:00 PM

Fee: \$300 Room: 356-357

Senior Instructor(s): David A Crandall MD

Course: LAB118B Sunday, 12:30 - 2:30 PM

Fee: \$300 Room: 356-357

Assessment and Management of Astigmatism in Cataract Surgery

Course Director(s): Parag A Majmudar MD, Jonathan B Rubenstein MD

Course: LEC127 Sunday, 8:00 - 9:15 AM

Room: 295-296

Course: LAB127A Sunday, 10:30 AM - 12:00 PM

Fee: \$180 Room: 344-345

Pupilloplasty Techniques and Innovations in Iris Repair

Course Director(s): Priyanka Sood MD

Course: LEC139 Sunday, 11:30 AM - 12:45 PM

Room: 297

Course: LAB139A Sunday, 3:30 - 5:00 PM

Fee: \$180 Room: 353-355

CORNEA, EXTERNAL DISEASE

Anterior Lamellar Keratoplasty: Principles and Practice

Course Director(s): Sheraz M Daya MD, Sadeer B Hannush MD

Course: LEC109 Saturday, 9:45 - 11:00 AM

Room: 278-279

Course: LAB109A Saturday, 12:30 - 2:30 PM

Fee: \$230 Room: 344-345

W Learning the DMEK Procedure

Course Director(s): Natalie A Afshari MD

Course: LEC112 Saturday, 9:45 - 11:00 AM

Room: 280-282

Course: LAB112A Saturday, 3:00 - 5:00 PM

Fee: \$230 Room: 344-345

W Endothelial Keratoplasty Techniques

Course Director(s): Mark A Terry MD

Course: LEC123 Saturday, 2:00 - 3:15 PM

Room: 280-282

Course: LAB123A Sunday, 8:00 - 10:00 AM

Fee: \$230 Room: 344-345

W Advanced Endothelial Keratoplasty (DSEK/DMEK): Overview and Surgical Pearls

Course Director(s): William Barry Lee MD, Clara C Chan MD

Course: LEC125 Saturday, 3:45 - 5:00 PM

Room: 280-282

Course: LAB125A Sunday, 1:00 - 3:00 PM

Fee: \$230 Room: 344-345

NEW Corneal Neurotization Techniques

Course Director(s): Ilya M Leyngold MD

Course: LEC135 Sunday, 9:45 - 11:00 AM

Room: 275-277

Course: LAB135A Sunday, 1:00 - 2:30 PM

Fee: \$290 Room: 352

Microsurgical Suturing Techniques

Course Director(s): Marian Sue Macsai-Kaplan MD

Course: LEC142 Sunday, 2:00 - 3:15 PM
Room: 280-282

Course: LAB142A Monday, 10:30 AM - 12:30 PM
Fee: \$200 Room: 344-345

Surgery for Severe Corneal and Ocular Surface Disease

Course Director(s): Ali R Djalilian MD

Course: LEC145 Sunday, 3:45 - 5:00 PM
Room: 280-282

Course: LAB145A Monday, 8:00 - 9:30 AM
Fee: \$180 Room: 344-345

ELECTRONIC HEALTH RECORDS, INFORMATION TECHNOLOGY

EQUIP Smartphones in Ophthalmology: #TheFuturIsAI

Course Director(s): Vinay A Shah MD

Course: LAB119 Saturday, 2:00 - 4:00 PM
Fee: \$80 Room: 350-351

Note: Participants are required to bring their smartphone / tablet to the course

iPhoto: Use of Smartphones for Fundus and External Photos

Course Director(s): Gloria Wu MD

Course: LAB115 Saturday, 11:30 AM - 12:30 PM
Fee: \$65 Room: 350-351

GLAUCOMA

Imaging of the Optic Nerve and Nerve Fiber Layer

Course Director(s): E Randy Craven MD

Course: LEC105 Saturday, 8:00 - 9:15 AM
Room: 333-334

Course Director(s): Howard Barnebey MD

Course: LAB105A Saturday, 11:30 AM - 1:30 PM
Fee: \$105 Room: 343

W Trabeculectomy Techniques: Tips and Traps

Course Director(s): Steven L Mansberger MD

Course: LEC111 Saturday, 9:45 - 11:00 AM
Room: 333-334

Senior Instructor(s): Emily P Jones MD

Course: LAB111A Saturday, 1:00 - 2:30 PM
Fee: \$180 Room: 353-355

Glaucoma Tube Shunts to Equatorial Plate Reservoir

Course Director(s): Ronald Leigh Fellman MD OCS

Course: LEC117 Saturday, 11:30 AM - 12:45 PM
Room: 333-334

Course: LAB117A Saturday, 3:30 - 5:00 PM
Fee: \$180 Room: 353-355

W MIGS: Devices and Incisional Techniques

Course Director(s): Steven R Sarkisian MD

Course: LEC121 Saturday, 2:00 - 3:15 PM
Room: 333-334

Senior Instructor(s): Brian A Francis MD

Course: LAB121A Sunday, 8:00 - 10:00 AM
Fee: \$200 Room: 353-355

Gonioscopy and Anterior Segment Imaging for Glaucoma Surgery

Course Director(s): Syril Dorairaj MD

Course: LAB126 Sunday, 8:00 - 10:00 AM
Fee: \$105 Room: 343

Glaucoma Laser Therapy: Innovations and Advice From the Experts

Course Director(s): Lisa S Gamell MD

Course: LEC128 Sunday, 8:00 - 9:15 AM
Room: 338-339

Note: Participants will be sharing equipment

Course: LAB128A Sunday, 10:30 AM - 12:30 PM
Fee: \$180 Room: 353-355

Deep Sclerectomy: Unveiling the Pearls

Course Director(s): Ahmed M Abdelrahman MD

Course: LAB150V www.aao.org/virtual-meeting

NEURO-OPHTHALMOLOGY

Neuroimaging in Ophthalmology

Course Director(s): Michael S Vaphiades DO

Course: LAB124 Saturday, 2:30 - 4:30 PM
Fee: \$105 Room: 343

OCULOPLASTICS, ORBIT

W EQUIP Workshop in Techniques of Lacrimal Intubation

Course Director(s): Arthur Perry MD

Course: LAB100 Saturday, 8:00 - 9:30 AM
 Fee: \$290 Room: 352

Note: Participants may want to bring surgical loupes.

W EQUIP Advanced Periorbital Flap and Graft Techniques

Course Director(s): Craig N Cxyz DO

Course: LEC110 Saturday, 9:45 - 11:00 AM
 Room: 238-239

Course: LAB110A Saturday, 1:30 - 3:00 PM
 Fee: \$290 Room: 352

Note: Participants may want to bring surgical loupes

W Basic Oculoplastic Surgery

Course Director(s): Michael Kangwhi Yoon MD

Course: LAB114 Saturday, 10:30 AM - 12:30 PM
 Fee: \$380 Room: 352

W Cosmetic OnabotulinumtoxinA and Facial Fillers

Course Director(s): Michael S McCracken MD

Course: LEC122 Saturday, 2:00 - 3:15 PM
 Room: 238-239

Note: Participants may want to bring surgical loupes.

Senior Instructor(s): Cat Burkat MD FACS

Course: LAB122A Sunday, 8:00 - 9:30 AM
 Fee: \$290 Room: 352

W Blepharoplasty

Course Director(s): Keith D Carter MDFACS

Course: LEC131 Sunday, 8:00 - 9:15 AM
 Room: 238-239

Course: LAB131A Sunday, 10:00 AM - 12:00 PM
 Fee: \$380 Room: 352

Fundamental Facelifting Techniques

Course Director(s): Don De Silva MBBS

Course: LEC137V www.aao.org/virtual-meeting

W EQUIP Advanced Techniques in Orbital Decompression and Expansion

Course Director(s): Robert A Goldberg MD

Course: LEC138 Sunday, 11:30 AM - 12:45 PM
 Room: 238-239

Note: Participants may want to bring surgical loupes.

Course: LAB138A

Sunday, 3:30 - 5:30 PM

Fee: \$380

Room: 352

Introduction to Aesthetic Facial Surgery by Fractional Lasers, Intense Pulsed Light, Radiofrequency and Ultrasound Devices

Course Director(s): Julie A Woodward MD

Course: LEC141 Sunday, 2:00 - 3:15 PM
 Room: 238-239

Note: Participants will be sharing equipment.

Course: LAB141A

Monday, 8:00 - 9:30 AM

Fee: \$180

Room: 353-355

W Oculoplastic Surgery: Anatomic Foundations, Surgical Techniques and Enhanced Results

Course Director(s): Cat Burkat MD FACS

Course: LAB147 Monday, 8:00 - 10:00 AM
 Fee: \$125 Room: 352

Orbitofacial Fracture Repair: Plating Workshop

Course Director(s): Peter J Timoney MBBCh

Course: LEC148V www.aao.org/virtual-meeting

Basic Workshop in Flap Techniques for Oculoplastic Surgery

Course Director(s): Sang H Hong MD

Course: LAB149 Monday, 11:00 AM - 1:00 PM
 Fee: \$125 Room: 352

Note:

PEDIATRIC OPHTHALMOLOGY, STRABISMUS

Adjustable Sutures for Strabismus Surgery

Course Director(s): Janine E Collinge MD

Course: LEC113V www.aao.org/virtual-meeting

W Innovations in Minimally Invasive Strabismus Surgery

Course Director(s): Yi Ning Strube MD

Course: LEC132 Sunday, 9:45 - 11:00 AM
 Room: 283-285

Course: LAB132A Sunday, 1:30 - 3:00 PM
 Fee: \$180 Room: 353-355

NEW Mastering Childhood Glaucoma Surgical Techniques

Course Director(s): Alana Grajewski MD

Course: LEC146 Sunday, 3:45 - 5:00 PM
 Room: 283-285

Course: LAB146A Monday, 10:00 - 11:30 AM
 Fee: \$180 Room: 353-355

REFRACTIVE SURGERY

Corneal Incisions to Correct Astigmatism

Course Director(s): Jean-Luc Febraro MD, Hamza N Khan MD FACS

Course: LEC103 Saturday, 8:00 - 9:15 AM
 Room: 217-219

Course: LAB103A Saturday, 10:00 - 11:30 AM
 Fee: \$180 Room: 344-345

International Society of Refractive Surgery Laser Refractive Surgery Course

Course Director(s): Jason E Stahl MD

Course: LEC120 Saturday, 2:00 - 3:15 PM
 Room: 217-219

Laser Refractive Surgery

Course Director(s): George O Waring MD

Course: LAB120A Sunday, 3:30 - 5:00 PM
 Fee: \$180 Room: 344-345

RETINA, VITREOUS

Macular OCT: Mastering the Basics

Course Director(s): John S Pollack MD

Course: LEC129 Sunday, 8:00 - 9:15 AM
 Room: 288-290

Course: LAB129A Sunday, 11:00 AM - 1:00 PM
 Fee: \$105 Room: 343

Diabetes 2021: Course on Diabetic Retinopathy

Course Director(s): Keye L Wong MD

Course: LEC133 Sunday, 9:45 - 11:00 AM
 Room: 288-290

Course: LAB133A Sunday, 2:00 - 4:00 PM
 Fee: \$105 Room: 343

EQUIP Project Human Genome: Genetic Testing for Inherited Eye Diseases

Course Director(s): Veeral Shah MD

Course: LAB140 Monday, 8:00 - 10:00 AM
 Fee: \$35 Room: 350-351

This workshop will involve database access. Attendees are requested to bring a laptop or tablet that is able to connect to the free conference WiFi.

A New Way of Teaching Retinal Laser Treatments: An Interactive Course

Director: Robin D Ross MDMPH

Course: LEC136V www.aao.org/virtual-meeting

Laser Retinopexy for Retinal Breaks

Course Director(s): Elad Moisseiev MD

Course: LEC143V www.aao.org/virtual-meeting

TRAUMA

Ophthalmic Trauma: Military Lessons on Management

Course Director(s): Grant A Justin MD

Course: LEC134V www.aao.org/virtual-meeting

Video Program

Videos are not eligible for CME credit.

Video Viewing

AAO 2021 Virtual, www.aao.org/virtual-meeting and Mobile Meeting Guide, www.aao.org/mobile.

Best of Show

The following videos were selected as Best of Show.

V10: Selective Endotheliotomy in Peters Anomaly

Sr. Producer: Muralidhar Ramappa MD

Co-Producers: Sunita Chaurasia MD; Anil Kumar Mandal; Deepak Paul Edward MD

V15: Xen Resuscitation 101

Sr. Producer: Bryan CH Ang MD

V27: Mastering Sutureless Cannula-Based Scleral IOL Fixation

Sr. Producer: Christina Y Weng MD MBA

V33: Trochar Choroidal Drainage

Sr. Producer: Tahira M Scholle MD

Virtual Program - On Demand Sessions

The following sessions were developed and recorded for the virtual meeting only.

Additional sessions, recorded in New Orleans, will also be available to view in the virtual meeting. Find a listing of these sessions in the Programs-By-Day. For the complete virtual meeting program, visit www.aao.org/virtual-meeting.

Virtual Program

No.	Title
CATARACT	
ASK03V	How to Manage the Unhappy Multifocal Patient
LEC107V	No Capsule, No Problem: Intrasceral Haptic Fixation of IOLs
406V	Mastering the Posterior Capsule: Thinking Out of the Bag Paradigm Shift
455V	Approach to Cataract Surgery in Corneal Diseases
619V	Comprehensive Strategy for Unplanned Vitrectomy Technique for the Anterior Segment Surgeon
633V	Glued IOL, Flanged Double-Needle and Four-Flanged Fixation: Video Course on Intrasceral Fixation Techniques
803V	Phaco Pearls for the Beginner
804V	Less Than Perfect Outcomes After Uneventful Cataract Surgery: What Are We Missing?
806V	Managing Posterior Segment Sequelae of Anterior Segment Surgery
818V	Different Management Strategies for a Wide Spectrum of White Cataracts
CORNEA	
ASK08V	Treatment Approaches for Neurotrophic Keratitis
200V	Scleritis: What to Order and How to Treat It!
203V	Recent Advances in the Diagnosis and Management of Conjunctival Tumors
260V	Corneal Edema, Opacification, Ectasia and Bacterial Keratitis: Diagnosis and Treatment Strategies From the Preferred Practice Patterns Guidelines
275V	Current Topics in Cornea and External Disease: Highlights of the BCSC 8
404V	Exotic Corneal Infections
610V	Innovative Techniques of Corneal Transplantation
627V	What's New in the Surgical Treatment of Keratoconus
812V	Developmental Corneal Abnormalities: A Systematic Approach in Unraveling the Diagnosis
815V	New Therapies for Corneal Endothelial Diseases
816V	The Advanced Medical and Surgical Management of Ocular Surface Disorders
840V	<i>Acanthamoeba</i> Keratitis: Strategic Management
ETHICS	
805V	Sexual Harassment in Ophthalmology: How Do I Protect Myself, My Practice and My Trainees in the #MeToo Era?
821V	Telehealth in Ophthalmology: Ethical Considerations in Virtual Patient Care
GENERAL MEDICINE	
SYM46V	Grand Rounds: Cases and Experts From Across the World
SYM44V	Under-Recognized Comorbidities in the Elderly With AMD in the UK and U.S.

Virtual Program

No.	Title
GLAUCOMA	
ASK01V	Surgical Management of Glaucoma
LAB150V	Deep Sclerectomy: Unveiling the Pearls
264V	Glaucoma and Dry Eye—Double Trouble GLA
286V	Automated Perimetry: Focus on Glaucoma
456V	Anterior Segment Imaging: Angle Closure
622V	GATT: Basic Technique, Surgical and Postoperative Pearls and Review of Outcomes Data
808V	Optic Nerve Head: Clinical Diagnosis of Glaucoma and Nonglaucomatous Diseases
822V	What's Your Next Step? Case Studies in Glaucoma Management
824V	Lasers and Surgeries for Angle Closure and Angle-Closure Glaucoma—All You Need to Know for 2022
825V	SLT: Basic Principles and Pearls for Practice
GLOBAL OPHTHALMOLOGY	
817V	Aerospace Ophthalmology: Pilot Vision Challenges at Every Altitude
HEALTH POLICY	
SYM43V	Innovations in Ophthalmology from Around the World: Intraocular Implants, Artificial Intelligence, and Solutions to Systemic Problems
UVEITIS, INTRAOCULAR INFLAMMATION	
452V	How to Recognize and Treat Infectious Uveitis
620V	How to Evaluate a Patient With Uveitis
810V	Endophthalmitis Management: Myths and Realities
836V	Integrative Approach to Uveitic Glaucoma Management
MEDICAL EDUCATION	
833V	Transitioning From Trainee to Attending Surgeon
SYM01V	Holistic Review of Residency Applicants: How Do We Achieve Success?
NEURO-OPHTHALMOLOGY	
ASK02V	NMO and MOG
432V	Controversies in Neuro-Ophthalmic Management
450V	Five Neuro-Ophthalmic Signs of Life-Threatening Pediatric Disease: Diagnoses Not to Be Missed
823V	A Case-Based Approach to Pseudotumor Cerebri: What to Do, and When to Do It!
OCULAR PATHOLOGY, ONCOLOGY	
651V	Controversies in Ocular Oncology
809V	Practical Ocular Oncology for the Comprehensive Ophthalmologist: What You Should Know
OCULOPLASTICS, ORBIT	
ASK05V	Treatment Options for Facial Nerve Paresis
LEC137V	Fundamental Facelifting Techniques
LEC148V	A New Way of Teaching Retinal Laser Treatments: An Interactive Course
202V	Where Neuro-Ophthalmology and Oculoplastics Collide: Challenging Cases and Topics
281V	Optimizing Outcomes and Minimizing Complications in Oculofacial Plastic Procedures: A Case-Based Approach
621V	Tips for Cosmetic Eyelid Surgery in Asian Patients
641V	Orbital Disorders: Inflammation, Neoplasms and Vascular Malformations
801V	Surgical and Nonsurgical Intervention in TED: A Video-Based Symposium
802V	Updates in Endoscopic Lacrimal Surgeries

Virtual Program

No.	Title
OPHTHALMIC HISTORY	
223V	With an Artistic Vision: Perception, the Arts and the Eye
PEDIATRIC OPHTHALMOLOGY, STRABISMUS	
ASK04V	Humanitarian Pediatric Ophthalmology - How Do You Get Involved?
LEC113V	Adjustable Sutures for Strabismus Surgery
SYM30V	Acquired Diplopia in Adults
205V	Principles of Pediatric Ocular Trauma Management
225V	Nystagmus Made Simple
261V	Evaluation of and Clinical Advances in Early-Onset Hereditary Retinal Dystrophies in Infants and Children
264	Glaucoma and Dry Eye—Double Trouble
403V	Demystifying Dyslexia: Hints for the Ophthalmologist
437V	Pearls in Pediatric Eye Disorders
602V	New Approaches to the Prevention and Treatment of Myopia: Update 2021
800V	What's New and Important in Pediatric Ophthalmology and Strabismus for 2021
811V	Secondary IOL Implantation in Children
BUSINESS OPERATIONS & FINANCE	
213V	New Associate Employment Contracts
425V	Understanding and Negotiating Your First Employment Agreement
832V	Creating a Successful MD/OD Business Model
838V	Make Better Business Decisions Using KPIs and Free Industry Benchmarks (Academetrics)
839V	Gotta Retire Someday: PE, Growth or Survival on Your Own
843V	Personal Finance for Ophthalmologists: How to Save \$5 Million on Your Own (Or, Do I Need a Financial Advisor?)
HUMAN RESOURCES	
412V	The Five Essential Elements to Onboarding
827V	Risky Business: The Aging, Impaired or Disruptive Physician
MARKETING	
842V	Marketing to Millennials: The Secret, Nontraditional Advertising
ALTERNATIVE REVENUE SOURCES	
837V	Optometric Production Within Ophthalmology Practices
PROFESSIONAL GROWTH, LEADERSHIP	
643V	Emotional Intelligence and Revenue Cycle Create a Conscious Professionalism of Self-Awareness and High Performance Teams
CODING & REIMBURSEMENT	
426V	Case Studies in Retina and Uveitis Coding
830V	Case Studies in Cataract and Anterior Segment Coding
831V	Case Studies in Glaucoma Coding
COMPLIANCE & RISK MANAGEMENT	
632V	Managing Clinical Trials in Small and Large Practices
828V	Avoiding and Preventing Embezzlement
829V	Contracts and COVID-19: Hindsight is 2020!
841V	Medical Malpractice Risk Management 101
SMALL PRACTICE	
269V	Employment Law Basics for the Small Ophthalmology Practice

Virtual Program

No.	Title
REFRACTIVE SURGERY	
ASK06V	Refractive Surgery for the Borderline Cornea: LASIK, PRK, ICL, or SMILE
814V	Video Bouquet of SMILE: Different Techniques and Difficult Situations
RETINA, VITREOUS	
ASK07V	Utility of the Port Delivery System with Anti-VEGF in the Management of Age-related Macular Degeneration
LEC136V	A New Way of Teaching Retinal Laser Treatments: An Interactive Course
LEC143V	Laser Retinopexy for Retinal Breaks: Simulation Workshop
207V	Pneumatic Retinopexy: Practical Tips, Evidence Base and Role in Contemporary Retinal Detachment Repair
210V	Novel Techniques and Devices in Macular Surgery
219V	OCT-A in Retinal Diseases
240V	Diagnosis and Management of Pediatric Retina Dilemmas
243V	Practice Pearls for Intraocular Tumors
263V	Retinoblastoma 2021: They Live and See!
276V	Clinically Relevant Results From the DRCR Network
402V	Visual Electrophysiology Testing: Principles and Clinical Applications
434V	Preventing and Managing Complications Following Vitreoretinal Surgery
466V	Retinal and Choroidal Manifestations of Selected Systemic Diseases 2021
601V	Challenging Cases in Neovascular AMD
604V	The Vitreoretinal Surgeon's Toolbox: Secondary IOL Implantation and Repositioning Techniques for Decentered and Dislocated IOLs in Eyes With Suboptimal Capsulozonular Support
646V	Update on OCT Imaging: Basics and Beyond
807V	Secondary IOL Techniques for Retinal Specialists
813V	Point-Counterpoint on Managing Ocular Trauma
820V	Vitreous-Macular-Choroidal and Peripheral OCT: Cross-Sectional, En Face, Angio 3-D, Widefield and Intraoperative Imaging
826V	Diagnosis and Treatment of PCV
TRAUMA	
LEC134V	Ophthalmic Trauma: Military Lessons on Management
819V	Open Globe Trauma: Surgical Management for the On-Call Ophthalmologist
VISION REHABILITATION	
262V	Low Vision Rehabilitation for Ophthalmologists
SYM45V	Vision Rehabilitation From an International Perspective
834V	Mainstream Technologies for Our Patients With Low Vision

Notes

[illegible]



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AAO 2021

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Expo

Halls C – H

Saturday - Monday, Nov. 13 - 15

9:00 AM - 5:00 PM

Navigate the Expo

Use these resources to find exhibitors, products and services vital to your practice.

Expo ShowMap

aao.org/showmap

Search exhibitors by company name, booth number, product categories, medical specialties, common equipment terms and basic ophthalmic conditions.

Mobile Meeting Guide

aao.org/mobile

Locate exhibits through your mobile device.

Exhibitor Locator

Hall G, Booth 4105

Staff will help you search for exhibitors using the Expo ShowMap.

New Exhibitor Pavilion

Discover the newest companies participating in the AAO 2021 Expo located in the New Exhibitor Pavilion in Hall H. Look for this area highlighted on the floor plan with special blue aisle carpet, across from EyePlay Experience.

EyePlay Experience

Hall H, Booth 5214

Relieve stress, play a game, enjoy a photo op, consult with Tech Bar experts, charge your mobile device, participate in a service project or network with colleagues.

Wi-Fi

Access free Wi-Fi by searching for and joining the “AAO2021” network. No password needed.

Network and Learn

Check out these opportunities in the Expo:

- Academy Resource Center, Hall G, Booth 4039 – see page 109
- Industry Showcase Theater, Hall D, Booth 1053 – see page 110
- Learning Lounge, Hall C, Booth 600 – see page 74
- Technology Pavilion, Hall C, Booth 145 – see page 113



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AAO 2021

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**The Academy congratulates
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25
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Inami & Co., Ltd.
Mid Labs, Inc.
OPHTEC
Quest Medical
Takagi Seiko
Wexler Surgical

**Join us in recognizing the contributions to our
organization and profession by visiting these exhibiting
companies during the exhibition.**

*Based on Academy records on file.

Exhibitor List

Accurate as of Sept. 24, 2021.

A

A Fashion Hayvin, Inc.	1934
A.R.C. Laser GmbH ²⁵	3821
AAAASF	2811
Aaren Scientific, Inc.	3309
Accutome*	3213
AcuFocus, Inc.	2065
Advanced Data Systems Corp.	1821
AdvancedMD, Inc.	4415
Aerie	4814
AGTC	5046
AIS Healthcare Ophthalmics / formerly Hunt Valley PharmaLab	3008
Al.chi.mi.A Srl	4726
Alcon*	1420
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Z

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Zilia	2913
Zocular	3001



EyePlay Experience

Hall H, Booth 5214

Visit EyePlay where there are opportunities to give back, get a taste of New Orleans at a cooking demonstration, re-charge your mobile device using the Concierge Charging Service, relieve some stress with comfort animals, challenge a colleague to ping pong, take a selfie at the AAO 2021 photo op, or participate in our Foundation for Hospital Art Community Service Project.

SCHEDULE OF EVENTS

ACTIVITY	SATURDAY, NOV. 13	SUNDAY, NOV. 14	MONDAY, NOV. 15
Comfort Animal Pet Program Relieve some stress with comfort animals	12 – 3 PM	12 – 3 PM	12 – 3 PM
Jazz Band	12:45 – 2 PM	12:45 – 2 PM	
Mobile Device Charging Concierge Service	9 AM – 5 PM	9 AM – 5 PM	9 AM – 5 PM
Cooking Demonstration	2 – 3 PM	2 – 3 PM	
Fun Zone Ping pong, pinball and giant Jenga	9 AM – 5 PM	9 AM – 5 PM	9 AM – 5 PM
Photo Op	9 AM – 5 PM	9 AM – 5 PM	9 AM – 5 PM
Tech Bar Get help with the Mobile Meeting Guide	9 AM – 5 PM	9 AM – 5 PM	9 AM – 5 PM
Foundation for Hospital Art Community Service Project	10 AM – 2 PM	10 AM – 2 PM	10 AM – 2 PM





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9 a.m. – 5 p.m.
Hall G, Booth 4039

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Industry Showcase Theater

Saturday – Sunday, Nov. 13 – 14
Hall D, Booth 1053

SATURDAY, NOV. 13

9:10 AM

DURYSTA™ (bimatoprost intracameral implant)

Presenter: Amir Cohen MD

This presentation is a peer-to-peer discussion on DURYSTA™ (bimatoprost intracameral implant). Within this presentation, we will discuss an overview of DURYSTA™, including administration, troubleshooting, clinical data, safety and patient selection.

Presented by Allergan, an AbbVie Company

10:10 AM

Exploring the Role of Angiopoietins in Retinal Diseases

Presenter: Rishi P Singh MD

Join us for a discussion on the role of angiopoietins in neovascular age-related macular degeneration (nAMD) and diabetic macular edema (DME).

Presented by Genentech, A Member of the Roche Group

11:10 AM

Unleashing the Value of Digitalization Beyond Technology

Presenter: Euan S. Thomson, PhD, Carl Zeiss Meditec, Inc.

Learn how to maximize clinical workflow efficiency and performance through the power of data-generated insights created by connecting devices, data and applications.

Presented by Carl Zeiss Meditec USA, Inc.

12:10 PM

Presbyopia Eye Drops: Aceclidine and its unique MOA

Presenters: Eef Schimmelpennink, President and CEO & Dr. Marc Odrich MD, Chief Medical Officer

LENZ will discuss their lead drug candidate, Aceclidine for the treatment of Presbyopia and provide an update on the development progress of this potential best-in-class therapy.

Presented by LENZ Therapeutics

1:10 PM

VKC: Newer Therapies & Newer Insights

Presenter: Prof. Andrea Leonardi; Euna Koo MD; Asim Ali MD RFCSC

Join our experts in discussing impact of Vernal Keratoconjunctivitis (VKC) on patients, challenges to effective management and their real world evidence-based insights for disease management.

Presented by Santen, Inc.

SATURDAY, NOV. 13 (CON'T)**2:10 PM****Individualized Treatment in Wet AMD***Presenter: Caroline Bauman MD*

Learn about a treatment option with flexible dosing regimens for Wet AMD, examine an anti-VEGF treated patient case, and understand patient support programs available for patients with Wet AMD.

*Presented by Regeneron***3:10 PM****Innovations in Treating Retinal Disease***Presenter: Jordan Graff MD*

Join us to learn more about advances in the treatment of patients with retinal disease.

*Presented by Genentech, A Member of the Roche Group***4:10 PM****A Novel Approach to Rapidly Reducing Dry Eye Signs and Symptoms***Presenters: Mitch Jackson MD*

Explore a fresh approach to think boldly about dry eye disease and the challenges faced by current and future patients, including those with Dry Eye Flares.

*Presented by Kala Pharmaceuticals***SUNDAY, NOV. 14****9:10 AM****A First-Line Treatment Option for Diabetic Retinopathy (DR)***Presenter: Joseph Coney MD*

Learn about the role of anti-VEGF in DR, the management of diabetic retinopathy with anti-VEGF treatment, and discuss a treatment option for DR.

*Presented by Regeneron***10:10 AM****The Future is Now! Clinical and Economic Drivers Behind Rapid Growth in AI Testing for Diabetic Retinopathy***Presenter: Srinivas R Sadda MD; Jeffrey D Henderer MD*

Learn about the rapid growth of AI for DR testing with the EyeArt® system, including an overview of scientific evidence and clinical/economic benefits in large-scale, real-world implementation.

Presented by Eyenuk, Inc.

SUNDAY, NOV. 14 (CON'T)

11:10 AM

New First in Class Glaucoma Therapy: Omidenepag Isopropyl

Presenter: Alex Huang, MD, PhD; Jacob Brubaker, M.D.

Overview of glaucoma pharmaceutical landscape, introduction of Omidenepag Isopropyl (DE-117) and review of clinical study data.

Presented by Santen, Inc.

1:10 PM

A Novel Approach to Rapidly Reducing Dry Eye Signs and Symptoms

Presenters: Laura M Periman MD

Explore a fresh approach to think boldly about dry eye disease and the challenges faced by current and future patients, including those with Dry Eye Flares.

Presented by Kala Pharmaceuticals

2:10 PM

Innovations in Treating Retinal Disease

Presenter: Jordan Graff MD

Join us to learn more about advances in the treatment of patients with retinal disease.

Presented by Genentech, A Member of the Roche Group

3:10 PM

The Curious Case of Collaboration: Corticosteroids and Immunomodulatory Therapies

Presenter: Darrell White MD

Optimizing the Ocular Surface Prior to Cataract Surgery

Presenter: Mateen Ali-Niaze MD

Presented by Santen, Inc.

4:10 PM

Thyroid Eye Disease (TED): A New Era of Treatment

Presenter: Andrew Harrison MD

Learn about the importance of early identification and treatment of Thyroid Eye Disease (TED) in this patient case-based program. This presentation is intended for US-based healthcare professionals.

Presented by Horizon Therapeutics plc

Technology Pavilion

Saturday – Monday, Nov. 13 – 15
Hall C, Booth 145

SATURDAY, NOV. 13

9:30 – 10:30 AM

Basics of Microsoft Power BI

Jude Brown, Digital Acumen, Inc.

Make your own Big Data work for you. Learn how to link, make sense of, gain insights and generate actionable reports from your business data using conversational language with Microsoft's AI-powered technology. This session will explore, step-by-step, how to start making your business data meaningful. Discover quick ways to connect data, analyze data, and create visualizations in one place. Plus, explore how to connect and embed data, edit a group workspace, customize a dashboard and more.

11 – 11:30 AM

Technology Update from the Academy: Ophthalmic News and Education (ONE®) Network

Purnima S. Patel, MD, Editor-in-Chief of the ONE Network

Sunir J. Garg, MD, Deputy Editor-in-Chief of the ONE Network

Sarah Page, American Academy of Ophthalmology

Daniel Mummert, American Academy of Ophthalmology

The Ophthalmic News and Education (ONE) Network provides members and subscribers access to relevant clinical information from an extensive, up-to-date knowledgebase. In this presentation we will review the latest features and content on the site, including online resources for resident education, as well as recent improvements in the AAO Ophthalmic Education app. We will make time to answer questions and demonstrate areas of the site and app based on audience interest.

12:00 PM - 1:00 PM

Remote Virtual Labor/IT Integration in Healthcare

H Jay Wisnicki MD

To ease patient access and increase health safety, see how one practice transitioned to providing non-clinical as well as some clinical services remotely. Review what approaches worked well and what lessons were learned.

1:30 – 2 PM

Building your Brand for Your Refractive Surgery Practice

Rob Melendez MD MBA and Josh Melendez

In this interactive session you will learn what a new practice did to grow their business and build their brand through a variety of media including social media. High-yield educational material will also be shared to help grow your practice.

2:30 – 3:30 PM

The Ophthalmic Practice and the New Normal

Ravi D Goel MD

This session will investigate the changing landscape for ophthalmology practice post-COVID. Learn about current technologies being employed, such as AI, as well as some things which are waiting on the near horizon. Review the latest branding pearls to help keep your practice in the forefront.

4 – 4:30 PM

Simple Steps to Enhance Your Personal Data Security

Jude Brown, Digital Acumen, Inc.

Hacks, ransomware attacks, and stolen corporate data are in the news daily, however, there are steps you can take to limit your risk exposure or even avoid falling prey to such exploits in the

SATURDAY, NOV. 13 (CON'T)

first place. Learn how to spot the clues to avoid phishing attacks, suspect phone scams, and most importantly what to do to protect your on-line accounts and what to do if you suspect your personal data is compromised or your identity is stolen. I'll also show you where you can check if your personal account credentials are already exposed online.

Repeats Monday, Nov 15, 11:00 AM

SUNDAY, NOV. 14

9:15 – 10:15 AM

Technological Innovations in Vision Rehabilitation

Moderator: Linda A Lam MD MBA

Bryan Wolynski, Orcam; Richard Tapping, Vispero; Thomas Finley, Oculenz; Zack Afridi, VisionBuddy

Learn about the latest technological innovations that can support patients with vision loss.

Novel products, both hardware and software, will be presented that support independence, safety, and functional ability in the low vision population.

10:30 – 11:30 AM

Advances in Ophthalmic Technology

Moderator: Linda A Lam MD MBA

Marc De Smet, Preceyes; Michael Freeman, ORBot; Richard Rosen; Gareth Lema, Iscan

Learn about the latest innovations in ophthalmology that can transform clinical care in the office and operating room. This session will highlight the latest advances in robotics, augmented reality, adaptive optics, and imaging.

12 – 1 PM

Current and Emerging Smartphone Technology in Ophthalmology

Vinay A Shah MD; Rohit Krishna MD; R Ken Lord MD

What are the latest Smartphone and Tablet trends and technologies that can help simply your life and benefit your practice? We will examine current developments in mobile computing and review the latest Apps for medical and personal use including clinical reference, education, increasing efficiency, and practice branding and marketing. Audience questions are welcome.

1:30 – 2 PM

Augmented Reality and Vision Rehabilitation the future of Vision Technology

Mitul Mehta, MD MS

The results of a clinical study will be shared on how the latest in Vision Technology using Smart Glasses can not only improve visual acuity but also impact tasks of daily living. Learn how Adaptive Software integrated with Augmented Reality Glasses can improve independence and quality of life for those impacted by central vision loss such as AMD.

2:30 – 3:30 PM

AI in Ophthalmology

Renee Bovelle, MD

The "AI" or "Artificial Intelligence" buzzwords are applied to more products and services daily, but beyond the hype what do the terms and concept really mean? We'll provide an overview of the technology and then focus on ways recent advances are being applied to the practice of ophthalmology.

SUNDAY, NOV. 14 (CON'T)**4 – 4:30 PM****Social Media Exploits and How to Protect Yourself***Jude Brown, Digital Acumen, Inc.*

The explosive growth and integration of social media into many aspects of our daily lives has not only brought new way to connect us, but also created new ways to mislead us and exploit our personal privacy. We'll review how personal information can be acquired and exploited and learn how to recognize "fake news," identify reliable sources of information, and determine who are your real "friends."

MONDAY, NOV. 15**9:30 – 10:30 AM****Social Media Pearls to Help Grow Your Practice***Rob Melendez MD MBA; Andrea Tooley MD; Rushi Mankad MS-IV; and Logan Wolfel MS-IV*

Patients are increasingly using social media to be more involved with their healthcare. See how to effectively and safely engage with patients as we dissect some of the best approaches and review which platforms are being used the most. Join us to learn the many ways social media can enhance your practice.

11 – 11:30 AM**Simple Steps to Enhance Your Personal Data Security***Jude Brown, Digital Acumen, Inc.*

Hacks, ransomware attacks, and stolen corporate data are in the news daily, however, there are steps you can take to limit your risk exposure or even avoid falling prey to such exploits in the first place. Learn how to spot the clues to avoid phishing attacks, suspect phone scams, and most importantly what to do to protect your on-line accounts and what to do if you suspect your personal data is compromised or your identity is stolen. I'll also show you where you can check if your personal account credentials are already exposed online.

12 – 1 PM**Learning Using VR: Immerse Yourself in Glaucoma & Retina Modules with Oculus Quest***Anuradha Khanna MD; Charles Bouchard MD; Roshni Vasaiwala MD; John D Wilgucki MD; Sheena Khanna MD; Clayton Kirk MD; Erica Smith MD; Sarah Griffin MD; Connor Baharozian MD*

This will be an experiential session for attendees to use Oculus headsets and go through anatomy and pathophysiology of glaucoma and retina diseases using virtual reality technology. This is intended for educators, learners, and industry partners to see how simulation can be used for comprehension to enhance clinical readiness.

1:30 – 2:30 PM**Microsoft Excel Tips & Tricks***Jude Brown, Digital Acumen, Inc.*

Learn step-by-step how to get the most out of Microsoft Excel's most useful features including embedding data from external documents, creating graphs and reports, and even importing table data from a photo. We will apply the power of Excel pivot tables to see your data from multiple perspectives, use data visualization techniques that effectively communicate your analysis to your audience, create charts that quickly and clearly visualize your analysis, and apply the principles of graphical integrity to your charts. Use the very powerful VLOOKUP, VXLOOKUP and HLOOKUP features in Excel, helpful for finding information in a table or a range of cells.



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1. Boyer DS, et al. *Retina*. 2017;37:819-835. 2. Katschke KJ Jr, et al. *Sci Rep*. 2018;8(1):13055. 3. Mastellos DC, et al. *Trends Immunol*. 2017;38(6):383-394. 4. Ricklin D, et al. *Immunol Rev*. 2016;274(1):33-58. 5. Heesterbeek TJ, et al. *Ophthalmol Vis Sci*. 2020;61(3):18. 6. Seddon JM, et al. *Nat Genet*. 2013;45:1266-1370. 7. Yates JRW, et al. *N Engl J Med*. 2007;357(6):553-561. 8. Smalhodzic D, et al. *Ophthalmology*. 2012;119(2):339-346. 9. Merle NS, et al. *Front Immunol*. 2015;6:262.

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To discover more about GA and complement overactivation, visit booth 320

A person wearing a red hooded jacket and light-colored pants stands with their back to the camera on a dark, rocky beach. They are looking out at a vast, dramatic sky filled with swirling, textured clouds in shades of blue and white. The horizon is low, showing distant land or hills.

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