LAGNIAPPE FOR LEARNING: SUCCESS IN OCULOFACIAL PLASTIC SURGERY

ASOPRS 2017 FALL SCIENTIFIC SYMPOSIUM:
LAISSEZ LES BON TEMPS ROULER

PROGRAM BOOK

#ASOPRS2017

NEW ORLEANS, LOUISIANA  NOVEMBER 9-10, 2017  HYATT REGENCY
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Welcome from the Program Chairs

We welcome you to the 48th Annual American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) Fall Scientific Symposium: Laissez Les Bon Temps Rouler – Lagniappe for Learning: Success in Oculofacial Plastic Surgery. We hope you gain meaningful updates in oculofacial plastic surgery, renew old friendships, meet new colleagues from around the world, and enjoy all that the Big Easy has to offer!

The program includes renowned national and international speakers from within and outside the discipline including some inspiring talks from outside of medicine altogether. In addition to high quality scientific presentations in orbit, eyelid, lacrimal disease, oncology, and aesthetic surgery, expert panels will discuss complications and innovations. We are also thrilled to have ophthalmology leaders David W. Parke II, AAO Executive Vice President and CEO, George B. Bartley, ABOCEO, and Keith D. Carter, AAO President-Elect speak on our profession and future.

Breakout sessions are back by popular demand and include “Dacryology,” “Thyroid Disease,” “Lower Face and Neck Aesthetic Surgery,” and “Devices for Rejuvenation.” Our featured speakers are plastic surgeon Timothy Marten, MD, with a reputation as one of the world’s best facial cosmetic surgeons and Gary Faigin, author, artist and educator of facial expression and emotion. Craig MacFarlane, athlete and professional speaker who overcame bilateral blindness – and who is one of our own patients – will deliver the Annual ASOPRS Foundation Michael J. Hawes Lecture. ASOPRS member Alan Brackup will give the Henry I. Baylis Cosmetic Surgery Award Lecture.

We appreciate the sponsors and exhibitors who support this educational meeting. The vendor exhibits are a great opportunity to learn about the latest commercial products and services and to get to know colleagues in industry. We acknowledge ASOPRS Secretary of Meetings, JD Perry and the Industry Relations Committee, for the tremendous industry support and participation at the symposium.

We thank our colleagues who helped us create this outstanding program. The abstract review committee appraised several hundred high quality submissions. Tisha Kehn and Amanda Macrina at the ASOPRS Executive Office were tireless in their work for the meeting and we thank them for their efforts and organizational skills. We are also incredibly grateful to those who submitted their work and our ASOPRS colleagues who will moderate, speak and participate on panels.

ASOPRS is the premier organization with the highest standards in clinical care, education, and innovation in oculofacial plastic surgery. We look forward to seeing you at this year’s symposium. It is a privilege to serve as your program chairs.
Craig MacFarlane
Artist, Author, Critic, Speaker & Educator

Friday, November 10 at 8:15 am:
ASOPRS Foundation Michael J. Hawes Lecture: The Strength of Your Inner Vision

Craig MacFarlane was left totally blind as a result of a freak accident at the tender age of two. He went on to have an outstanding athletic career in wrestling, track and field, snow skiing and water ski jumping. He has won more than 100 gold medals, the majority against sighted competition. Craig is often referred to as “The World’s Most Celebrated Totally Blind Athlete.”

Treating his total loss of eyesight as nothing more than a “minor inconvenience,” Craig has demonstrated what can be achieved through persistence and perseverance, with focus, desire and discipline. He will entertain you, he will engage you and he will challenge you. He will give you the tools you need to overcome any obstacles you perceive to be in your way. Most of all, he will inspire you to raise the bar in your own life to make success a reality, on your own terms.

Craig has become a world renowned inspirational speaker and travels extensively around the globe. To read more about his amazing story and accomplishments, please visit www.cmpride.com.

Timothy Marten, MD, FACS
Founder and Director, Marten Clinic of Plastic Surgery

Friday, November 10 at 11:20 am:
Peri-orbital Fat Grafting – A New Paradigm for Rejuvenation of the Eyelids

The Inter-dependence of the Forehead and the Upper Eyelid in Rejuvenating the Upper Orbit

Friday, November 10 at 4:10 pm:
Rethinking Brow Aesthetics: Does Orbital Volume Influence Eyebrow Appearance?

Timothy Marten, MD, FACS is a Diplomat of the American Board of Plastic Surgery and Founder and Director of the Marten Clinic of Plastic Surgery in San Francisco, California. He completed his plastic surgery training at the University of Illinois at Chicago Medical Center and went on to complete three prestigious fellowships in aesthetic surgery.

Dr. Marten is an internationally recognized expert on surgery to improve and rejuvenate the face, and is a member of over twenty professional societies including the American Society of Plastic Surgeons, the American Society for Aesthetic Plastic Surgery, the American Association of Plastic Surgeons, and the International Society of Aesthetic Plastic Surgeons. He is a sought-after teacher, speaker, lecturer and instructor in plastic surgery techniques and has received numerous professional, scientific and academic awards for his contributions to aesthetic surgery. Dr. Marten has also been recognized and honored by the fashion and beauty industries and has been profiled and quoted internationally on television, radio, in print and on social media.
Exceptional Thought Leaders Recognize the Impact of Revolutionary Technologies

Introducing the Founding Members of the Dedicated to Low Bruising Program

Tina Alster, MD
Jason Bloom, MD
Suzanne Bruce, MD
Sue Ellen Cox, MD
Mark Glasgold, MD
Kian Karimi, MD
Lorrie Klein, MD
Mary Lupo, MD
Gary Monheit, MD
Nima Shemirani, MD
Amy Taub, MD
Craig Teller, MD
Parker Velargo, MD
Heidi Waldorf, MD
Steven Weiner, MD

WHAT DOES IT MEAN TO BE DEDICATED TO LOW BRUISING?
• Committed to using the latest techniques to reduce recovery time for their patients
• Confident that most patients will only experience limited bruising easily covered with makeup
• Witnesses a reduction in post-procedure calls from patients concerned about their bruising
• Assured that most surgery patients are resolving their bruising and swelling when the cast or sutures are removed

HOW DO I BECOME DEDICATED TO LOW BRUISING?
For more information and complimentary samples, simply snap a picture of this ad, email/text it to your staff and have them contact Julie at 630.740.4580 or info@cearna.com.

“A product has changed my life. I can now get injections whenever I want. Previously, I had to wait until my social calendar was clear or risk discovery. My girlfriends will be thrilled that we don’t have to play the ‘hide the evidence’ game anymore. I will never get an injection again without OcuMend and I know all of my girlfriends feel the same way.”

— Maggie P, Portland, ME

Aesthetic procedures can leave your patients with unsightly bruising and swelling. Many patients avoid filler appointments in order to keep their injections discreet. We want to give your patients the comfort and ability to see you whenever they want. If patients have the flexibility to add spontaneous appointments into their busy lives, that equals increased loyalty, trust and revenue for your practice.

OcuMend®
Reduces swelling and bruising
General Information

Symposium Objectives
- To provide a forum for presentation of new concepts, new data, and new techniques in cosmetic and reconstructive oculofacial plastic surgery to enhance knowledge, competence, and outcomes.
- To promote excellence in patient care and outcomes in all areas of cosmetic and reconstructive eyelid, lacrimal, and orbital disease and surgery.
- To present opportunities for exchange of knowledge with specialty experts and our colleagues.
- To highlight areas of oculofacial plastic and reconstructive surgery where research activity has produced improved outcomes and highlight areas where additional research is needed.
- To provide the results of scientific studies concerning new surgical techniques, devices or equipment in cosmetic and reconstructive oculofacial plastic surgery.

Target Audience
The ASOPRS Fall Scientific Symposium is developed for all interested physicians and related health care personnel including, but not limited to, oculofacial plastic and reconstructive surgeons, otolaryngologists, head and neck surgeons, facial plastic surgeons, dermatologic surgeons as well as general ophthalmologists. The meeting is also designed to be of interest to physicians in training and allied health personnel.

Industry Disclaimer
Industry promotional events, including but not limited to tradeshows, breakfasts and lunches, are provided by ASOPRS for informational purposes. ASOPRS does not undertake to verify the claims of, or assess the products or services offered by, any company presenting during ASOPRS’ meetings, nor does ASOPRS’ receipt of a fee from, and provision of space to, such companies constitute an endorsement or recommendation by ASOPRS. Attendees must make their own independent judgments as to the advisability of entering into a business transaction.

Photography and Social Media Policy
The American Society of Ophthalmic Plastic and Reconstructive Surgery’s policy for the use of photography and social media at the Fall Scientific Symposium 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 noncommercial use.
- Respect presenters who state they do not want their slides and/or content shared on social media.
- Attendees taking photos must do so in a non-disruptive manner so as not to disturb the presenter and other attendees.
- Slides with patient faces or other identifiable information cannot be shared on social media due to HIPPA regulations.

Video recording, live audio and/or video streaming is strictly prohibited. Failure to comply with this policy may result in being removed from the session and/or meeting.

Cancellations
ASOPRS issued refunds, less a $50 administrative fee, upon receipt of written notice on or before October 10, 2017. No refunds will be made after this date. Refunds will not be made for no-shows.

Electronic Evaluations/CME Certificates
A link to an electronic evaluation will be provided to attendees via email. Hard copy evaluations will not be available. Please complete the electronic evaluation in its entirety at your earliest convenience after the meeting. You will have an opportunity to print a CME Certificate once you have completed the electronic evaluation. Your feedback is carefully considered when planning future meetings. Thank you in advance for completing the evaluation and helping ASOPRS improve our scientific symposium.

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# Program at a Glance

## Wednesday, November 8, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>3 - 6 pm</td>
<td>Registration – Celestin Foyer</td>
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## Thursday, November 9, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:45 am - 5 pm</td>
<td>Registration – Celestin Foyer</td>
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<tr>
<td>6:45 - 7:45 am</td>
<td>ASOPRS Education Committee Meeting - Imperial 5, Level 4</td>
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<tr>
<td>6:45 - 8 am</td>
<td>Breakfast with Exhibitors - Storyville Hall</td>
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<tr>
<td>7 - 8 am</td>
<td>YASOPRS Eye Openers: Rapid Fire Cases and Presentations – Celestin DE</td>
</tr>
<tr>
<td>8 am - 11:58 am</td>
<td>General Session</td>
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<tr>
<td>8:05 - 8:48 am</td>
<td>Eyelid Session</td>
</tr>
<tr>
<td>8:48 - 9:28 am</td>
<td><strong>Power House Panel: Our Society Leaders; AAO, ABO, and ASOPRS in the Sandbox</strong></td>
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</table>
| 9:28 - 10:13 am| Featured Speaker: Gary Faigin  
*Face It: The Seductive Power of The Expressive Face*                       |
| 10:13 - 10:43 am| Break with Exhibitors/Poster Stand By & Video Viewing                    |
| 10:43 - 11:23 am| Orbit Session                                                          |
| 11:23 - 11:58 am| Featured Speaker: Gary Faigin  
*Drawn into Life: A Demonstration of Drawing Vivid Expressions*               |
| 11:58 am - 12:58 pm| LUNCH AND LEARN:  
*Advances in Aesthetics: A Global Treatment Approach to Optimizing Patient Outcomes* 
Sponsored by Paradigm (CME available through Paradigm) – Celestin ABC |
| 11:58 am - 12:58 pm| LUNCH AND LEARN:  
*GAIN Presents Technology Meets Technique Symposium with Live Injections* 
Sponsored by Galderma (Non-CME) – Celestin FGH |
| 11:58 am - 12:58 pm| MINI LUNCH AND LEARN:  
*Best Practices in Corporate Structure, Tax Reduction, and Benefit Planning for Oculoplastic Surgeons* 
Sponsored by OJM Group (Non-CME) – Storyville Hall |
| 11:58 am - 12:58 pm| YASOPRS Lunch  
*How to Increase Office Productivity* – Imperial 5, Level 4 |
| 11:58 am - 12:58 pm| General Attendee Lunch – Storyville Hall |
| 12:58 - 3:45 pm| General Session                                                          |
| 12:58 - 1:45 pm| Aesthetics Session                                                       |
| 1:45 - 2:35 pm| Cosmetic Controversies: Diverging Opinions on the Approach to Lower Periorbital Rejuvenation: Are Injectables Better Than Surgery? |
| 2:35 - 3:15 pm| Oncology Session                                                          |
| 3:15 - 3:45 pm| Break with Exhibitors/Poster Stand By & Video Viewing                    |
| 3:45 - 5:15 pm| **Aesthetics Breakout Sessions**                                                                                  |
|              | **Eye on Energy: Devices for Rejuvenation: Lasers, Lights, and More**                                              |
|              | Celestin FGH                                                                                                         |
| 3:45 - 5:15 pm| **Functional Breakout Sessions**                                                                                    |
|              | The World of Dacrtyology: Double D’s  
Dryness Seen Through the Eyes of Cornea and Plastics  
Drainage Debates: External vs Endoscopic, Device vs. Instrument – Imperial 5, Level 4 |
|              | Treating Thyroid Eye Disease – What’s the Problem?  
Celestin DE (The General Session Room) |
| 5:15 pm      | General Session Adjourns                                               |
| 5:15 - 6:30 pm| ASOPRS Reception – Storyville Hall                                                                                   |
| 6:30 - 7:30 pm| YASOPRS Reception – 8 Block Restaurant                                                                               |
### Program at a Glance

**Friday, November 10, 2017**

<table>
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<td>6:45 – 7:45 am</td>
<td>ASOPRS Program Directors Committee Meeting - Imperial 5, Level 4</td>
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<td>7 – 8 am</td>
<td>YASOPRS Eye Openers: Rapid Fire Cases and Presentations – Celestin DE</td>
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<tr>
<td>8 am – 12 pm</td>
<td>General Session</td>
<td>故事伊尔</td>
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</tbody>
</table>
| 8:05 – 8:44 am| ASOPRS Foundation Update and Michael J. Hawes Lecture: *Craig MacFarlane*  
The Strength of Your Inner Vision |故事伊尔     |
| 8:44 – 9:15 am| Eyelid Session                                                        |故事伊尔     |
| 9:15 – 9:45 am| Break with Exhibitors/Poster Stand By & Video Viewing - Storyville Hall |故事伊尔     |
| 9:45 – 10:35 am| 8 Mile: The Long Journey and Lessons Learned: M and M                |故事伊尔     |
| 10:35 – 11:20 am| Aesthetics Session                                                   |故事伊尔     |
| 11:20 am – 12 pm| Featured Speaker: *Timothy Marten, MD, FACS*  
Peri-orbital Fat Grafting – A New Paradigm for Rejuvenation of the Eyelids  
The Inter-dependence of the Forehead and the Upper Eyelid in Rejuvenating the Upper Orbit |故事伊尔     |
| 12 – 1 pm    | LUNCH AND LEARN:  
BOTOX® Cosmetic for the treatment of moderate to severe forehead lines, glabellar lines, and lateral canthal: Presentation of a Balanced Treatment Approach  
Sponsored by Allergan (Non-CME)  
Celestin ABC |故事伊尔     |
| 12 – 1 pm    | LUNCH AND LEARN:  
Advanced Concepts in Orbital Decompression Surgery  
Sponsored by Stryker (Non-CME)  
Celestin FGH |故事伊尔     |
| 12 – 1 pm    | MINI LUNCH AND LEARN for Residents and Fellows-in-Training:  
A Closer Look into the Merz Portfolio of Products: Setting You Up for Success  
Sponsored by Merz (Non-CME)  
Storyville Hall |故事伊尔     |
| 12 – 1 pm    | YASOPRS Roundtables  
Table 1: Tips on getting involved in international service projection  
Table 2: Contract Negotiation  
Table 3: Coding Tips  
Table 4: How to Build a Cosmetic Practice  
Table 5: How to Find the perfect Job  
Table 6: How to succeed in Academic Medicine |故事伊尔     |
| 1 – 5:10 pm  | General Attendee Lunch                                               |故事伊尔     |
| 1 – 1:45 pm  | Orbit Session                                                         |故事伊尔     |
| 1:45 – 2:15 pm| Lacrimal Session                                                      |故事伊尔     |
| 2:15 – 3 pm  | Train Wrecks: Case Presentations by YASOPRS  
How to Get Back on Track: Expert Panel Discussion by Robert Kersten, MD, Sean Blaydon, MD, FACS, Evan Black, MD, FACS |Storyville Hall |
| 3 – 3:30 pm  | Break with Exhibitors/Poster Stand By & Video Viewing - Storyville Hall |故事伊尔     |
| 3:30 – 4:10 pm| Henry I. Baylis Cosmetic Surgery Award Lecture: *Alan B. Brackup, MD, FACS*  
The 2-Hour Facelift: A Love Affair Over 20 years and 2000 Cases |故事伊尔     |
| 4:10 – 4:45 pm| Featured Speaker: *Timothy Marten, MD, FACS*  
Rethinking Brow Aesthetics: Does Orbital Volume Influence Eyebrow Appearance? |故事伊尔     |
| 4:45 – 5:10 pm| ASOPRS Thesis Presentations and Awards Session                        |故事伊尔     |
| 5:10 pm      | General Session Adjourns                                               |故事伊尔     |
| 5:10 – 6 pm  | ASOPRS Business Meeting and International Associate New Member Inductions  
(All members are invited and encouraged to attend the Business Meeting) |故事伊尔     |
Thursday, November 9, 2017

7 - 8 am  YASOPRS Eye Openers: Rapid Fire Cases and Presentations  

**Sponsored by Young ASOPRS (YASOPRS).** A Young ASOPRS (YASOPRS) is an official ASOPRS member who has 8 years or less experience after graduation from an ASOPRS accredited fellowship, or alternatively, satisfies the Category II requirements of membership and has 8 years or less experience after fellowship graduation.

**Moderators:** Ali Mokhtarzadeh, MD and Peter Timoney, MD

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenters</th>
<th>Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 am</td>
<td>A Filler Granuloma of the Nasojugal Groove Masquerading as a Lacrimal Sac Malignancy: A Case Report and Review of Imaging Characteristics of Fillers and Filler Granulomas</td>
<td>Ying Chen, Sander Dubovy, Bradford Lee</td>
<td>Ophthalmology, Bascom Palmer Eye Institute / University of Miami Miller School of Medicine, Miami, Florida, United States of America</td>
</tr>
<tr>
<td>7:04 am</td>
<td>Don’t ‘Burn, Baby, Burn!’: A Novel Decoupler to Prevent Operating Room Fires</td>
<td>Benjamin Erickson1, Christopher Painter2, Ryan Smith1</td>
<td>1Stanford University School of Medicine, Byers Eye Institute at Stanford, Palo Alto, California, United States of America, 2Stanford University School of Medicine, Department of Anesthesiology, Palo Alto, California, United States of America</td>
</tr>
<tr>
<td>7:08 am</td>
<td>Intraoperative Valsalva Assistance for Management of Orbital Distensible Venous Malformations</td>
<td>Wenjing Liu1, Sathyadeepak Ramesh1, Robert Goldberg1, Gary Duckwiler2, Daniel Rootman3</td>
<td>1Orbital and Ophthalmic Plastic Surgery, Stein Eye Institute, Los Angeles, California, United States of America, 2Interventional Neuroradiology, UCLA Medical Center, Los Angeles, California, United States of America, 3Orbital and Ophthalmic Plastic Surgery, Doheny Eye Institute, Los Angeles, California, United States of America</td>
</tr>
<tr>
<td>7:12 am</td>
<td>Erotic Asphyxiation may have you seeing double</td>
<td>Caroline Halbach, Andrew Harrison, Talmage Broadbent, Ali Mokhtarzadeh</td>
<td>Ophthalmology and Visual Neurosciences, University of Minnesota, Minneapolis, Minnesota, United States of America</td>
</tr>
<tr>
<td>7:16 am</td>
<td>Percutaneous sclerotherapy for low-flow vascular malformations of the orbit: a 15 year review</td>
<td>Daniel Straka1,2,3, Jeremy Tan1,2,3, Amanda Gibson1, James Murakami3, Jill Foster1,2,3, Thabit Odat1, Cameron Nabavi1,2,3, Czyz Craig1,2, Kenneth Cahill1,2,3</td>
<td>1Oculofacial Plastic Surgery, Ophthalmic Surgeons and Consultants of Ohio/Plastic Surgery Ohio, Columbus, Ohio, United States of America, 2Ophthalmology, The Ohio State University, Columbus, Ohio, United States of America, 3Ophthalmology, Nationwide Children’s Hospital, Columbus, Ohio, United States of America</td>
</tr>
<tr>
<td>7:20 am</td>
<td>Questions and Discussion</td>
<td></td>
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<tr>
<td>7:32 am</td>
<td>A Rare Case of Sebaceoma of the Eyelid in a Monocular Patient</td>
<td>Nathan Scott1, Nathan Blessing1, Sander Dubovy2,3, Wendy Lee1</td>
<td>1Ophthalmology, Bascom Palmer Eye Institute, University of Miami, Miami, Florida, United States of America, 2Ocular Pathology, Bascom Palmer Eye Institute, University of Miami, Miami, Florida, United States of America, 3Florida Lions Eye Bank, Miami, Florida, United States of America</td>
</tr>
<tr>
<td>7:36 am</td>
<td>Age-Related Changes in the Clinical Phenotype of Compressive Optic Neuropathy in Thyroid Eye Disease</td>
<td>Ashley A. Campbell1,2, Tavish Nanda1, Susel Oropesa1, Michael Kazim1</td>
<td>1Department of Ophthalmology, Columbia University Medical Center, New York, New York, United States of America, 2Department of Ophthalmology, Manhattan Eye, Ear and Throat Infirmary, New York, New York, United States of America, 3Department of Ophthalmology, Columbia University Medical Center, New York, New York, United States of America</td>
</tr>
</tbody>
</table>
### 7:40 am
**PD-L1 Expression in Sebaceous Carcinoma of Eyelid: Potential for Immune Checkpoint Blockade as a Treatment Strategy**
Thomas Kandl¹, Sudip Thakar¹, Oded Sagiv¹, Michael Tetzlaff¹,², Courtney Hudgins³, John Van Arnam², Bita Esmaeil⁴
¹Orbital Oncology and Ophthalmic Plastic Surgery, Department of Plastic Surgery, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America, ²Department of Pathology, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America, ³Department of Translational and Molecular Pathology, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America, ⁴The University of Texas MD Anderson Cancer Center, Orbital Oncology and Ophthalmic Plastic Surgery, Department of Plastic Surgery, Houston, Texas, United States of America

### 7:44 am
**A secreted biomarker for orbital tumors**
Catherine Y. Liu, Marwan Ali, Dhara Shah, Vinay K. Aakalu
Ophthalmology, U of Illinois Eye and Ear Infirmary, Chicago, Illinois, United States of America

### 7:48 am
**Questions and Discussion**

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### 8 – 11:58 am
**General Session**

**8 am**
**Welcome**
Gerald J. Harris, MD, FACS, ASOPRS President
Wendy W. Lee, MD, ASOPRS Program Chair
Jeremiah P. Tao, MD, FACS, ASOPRS Assistant Fall Meeting Program Chair

**EYELID SESSION**

*Moderators: Sara Tullis Wester, MD and Michael K. Yoon, MD*

**8:05 am**
**The Angular Nerve: New Light on the Innervation of the Upper Eyelid**
Leon Rafailov, Jeffrey Schiller
Institute of Ophthalmology and Visual Science, Rutgers New Jersey Medical School, Newark, New Jersey, United States of America

**8:11 am**
**Analysis of eyelid height variability following external aponeurosis advancement for bilateral acquired good-function ptosis**
John Linberg¹, Russ Richardson¹, Gerald Hobbs²
¹Ophthalmology, West Virginia University, Morgantown, West Virginia, United States of America, ²Statistics, West Virginia University, Morgantown, West Virginia, United States of America

**8:17 am**
**Male Subcutaneous mid forehead lift with brow fat pad rotation**
Bhupendra Patel
Facial Plastic Cosmetic & Reconstructive Surgery, University of Utah, Salt Lake City, Utah, United States of America

**8:23 am**
**A Prospective, Randomized Comparison of Lower Eyelid Retraction Repair with Autologous Auricular Cartilage, Bovine Acellular Dermal Matrix, and Porcine Acellular Dermal Matrix Spacer Grafts**
Anne Barmettler¹, Moonsoung Heo²
¹Ophthalmology, Montefiore Medical Center, Albert Einstein College of Medicine, New York City, New York, United States of America, ²Department of Epidemiology and Population Health, Montefiore Medical Center, Albert Einstein College of Medicine, New York City, New York, United States of America

**8:29 am**
**Periocular Aspects of Face Transplantation**
Elizabeth Bradley
Mayo Clinic, Rochester, Minnesota, United States of America

**8:39 am**
**Questions and Discussion**

**8:48 am**
**Power House Panel: Our Society Leaders; AAO, ABO, and ASOPRS in the Sandbox**
Moderator: Gerald J. Harris, MD, FACS
Panel: David W. Parke II, MD, Keith D. Carter, MD, FACS, and George B. Bartley, MD
### General Session – continued

<table>
<thead>
<tr>
<th>Time</th>
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| 9:28 am | **Introduction of Mr. Faigin**  
Wendy W. Lee, MD |
| 9:31 am | **Face It: The Seductive Power of The Expressive Face**  
Gary Faigin |

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<td>10:13 am - 10:43 am</td>
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### Orbit Session

**Moderators: Chris R. Alabadi, MD and Pete Setabutr, MD**

<table>
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<tr>
<th>Time</th>
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</table>
| 10:43 am | **Idiopathic Dacryoadenitis Treated with Intralesional Rituximab**  
Arpine Barsegian¹, Mithra Gonzalez², Roman Shinder¹ |
| 10:49 am | **Thyroid Eye Disease Presenting with Superior Rectus Involvement**  
Yao Wang¹, Pradeep Mettu², Talmage Broadbent¹, Phillip Radke¹, Kevin Firl¹, James Shepherd², Steven Couch³,  
McClelland Collin¹, Ali Mokhtazadeh¹, Michael Lee¹,³, James Garrity¹, Andrew Harrison¹,³,⁸ |
| 10:55 am | **Contribution of Enlarged Superior Rectus Muscle to Thyroid Eye Disease – Compressive Optic Neuropathy and Inferior Field Defects**  
Kristen E. Dunbar¹, Susel Oropesa², Alison B. Callahan¹, Ashley A. Campbell³, Michael Kazim² |
| 11:01 am | **Acute Invasive Fungal Sinusitis: Visual Acuity Outcomes and Risk Factors for Mortality**  
Kristin E. Hirabayashi¹, Evan Kalin-Hajdu¹, Oluwatobi O. Idowu¹, Catherine E. Oldenburg¹,², Robert C. Kersten¹,  
M. Reza Vagefi¹ |
| 11:07 am | **Cranio-orbital resection does not appear to improve survival for lacrimal gland carcinoma**  
Geoffrey E. Rose¹,², Sri K. Gore¹, P. Nicholas Plowman³ |
| 11:13 am | **Questions and Discussion** |

### Featured Speaker: Gary Faigin

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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| 11:23 am | **Drawn into Life: A Demonstration of Drawing Vivid Expressions**  
Gary Faigin |
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Presenter(s)</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:58 am – 12:58 pm</td>
<td><strong>LUNCH AND LEARN</strong>&lt;br&gt;Advances in Aesthetics: A Global Treatment Approach to Optimizing Patient Outcomes&lt;br&gt;Sponsored by Paradigm (CME available through Paradigm)</td>
<td>Celestin ABC</td>
<td>Celestin ABC&lt;br&gt;Advances in Aesthetics: A Global Treatment Approach to Optimizing Patient Outcomes&lt;br&gt;Sponsored by Paradigm (CME available through Paradigm)</td>
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<tr>
<td>11:58 am – 12:58 pm</td>
<td><strong>LUNCH AND LEARN</strong>&lt;br&gt;GAIN Presents Technology Meets Technique Symposium with Live Injections&lt;br&gt;Sponsored by Galderma (Non-CME)</td>
<td>Celestin FGH</td>
<td>Celestin FGH&lt;br&gt;GAIN Presents Technology Meets Technique Symposium with Live Injections&lt;br&gt;Sponsored by Galderma (Non-CME)</td>
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<tr>
<td>11:58 am – 12:58 pm</td>
<td><strong>MINI LUNCH AND LEARN</strong>&lt;br&gt;Best Practices in Corporate Structure, Tax Reduction, and Benefit Planning&lt;br&gt;for Oculoplastic Surgeons&lt;br&gt;Sponsored by OJM Group (Non-CME)</td>
<td>Storyville Hall</td>
<td>Storyville Hall&lt;br&gt;Best Practices in Corporate Structure, Tax Reduction, and Benefit Planning&lt;br&gt;for Oculoplastic Surgeons&lt;br&gt;Sponsored by OJM Group (Non-CME)</td>
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<tr>
<td>11:58 am – 12:58 pm</td>
<td><strong>YASOPRS Lunch Session</strong>&lt;br&gt;How to Increase Office Productivity&lt;br&gt;Tanuj Nakra, MD and Julian D. Perry, MD</td>
<td>Imperial 5, Level 4</td>
<td>Imperial 5, Level 4&lt;br&gt;How to Increase Office Productivity&lt;br&gt;Tanuj Nakra, MD and Julian D. Perry, MD</td>
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<tr>
<td>12:58 am – 3:15 pm</td>
<td><strong>General Session</strong>&lt;br&gt;AESTHETICS SESSION&lt;br&gt;Moderators: David Samimi, MD and Robert M. Schwarz, MD</td>
<td>Celestin DE</td>
<td>Celestin DE&lt;br&gt;AESTHETICS SESSION&lt;br&gt;Moderators: David Samimi, MD and Robert M. Schwarz, MD</td>
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<tr>
<td>12:58 pm</td>
<td><strong>0.01% Hypochlorous acid as an alternative facial skin antiseptic: An in-vitro comparison</strong>&lt;br&gt;Apostolos Anagnostopoulos¹, Andrew Rong¹, Trajen Head¹, Michael Christian Lee⁴, Darlene Miller⁵, Wendy Lee¹&lt;br&gt;¹Oculoplastics, Bascom Palmer Eye Institute, Miami, Florida, United States of America, ²Bascom Palmer Eye Institute, Miami, Florida, United States of America, ³Biochemistry and Molecular Biology, University of Miami, Miami, Florida, United States of America, ⁴Westminster High School, Miami, Florida, United States of America, ⁵Ocular Microbiology Laboratory, Bascom Palmer Eye Institute, Miami, Florida, United States of America</td>
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<td>1:04 pm</td>
<td><strong>Filler complications in the peri-ocular area</strong>&lt;br&gt;Francesco Pietro Bernardini, Alessandra Zambelli&lt;br&gt;Oculoplastica Bernardini, Genoa, Italy</td>
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<tr>
<td>1:10 pm</td>
<td><strong>Brow Recontouring Via the Temporal Endoscopic Style Lift</strong>&lt;br&gt;Robert Schwarz², Guy Massry²&lt;br&gt;²Department of Ophthalmology, Div of Oculofacial Plastic &amp; Reconstructive Surgery, Mount Sinai Hospital ICAHN School of Medicine, New York, New York, United States of America, ³Department of Ophthalmology, USC Keck School of Medicine, Los Angeles, California, United States of America</td>
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<td>1:16 pm</td>
<td><strong>Midface augmentation via autograft during transposition lower blepharoplasty</strong>&lt;br&gt;Marie Somogyi, Ivan Vrcek, Tanuj Nakra&lt;br&gt;TOC Eye and Face, Austin, Texas, United States of America</td>
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<td>1:22 pm</td>
<td><strong>Incidence and risk factors for undesirable scar appearance after upper lid blepharoplasty</strong>&lt;br&gt;Lilly Wagner³, Eve Moscato¹, Stuart Steiff³,³&lt;br&gt;³Ophthalmology, California Pacific Medical Center, San Francisco, California, United States of America, ³Ophthalmology, University of California San Francisco, San Francisco, California, United States of America</td>
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<td>1:28 pm</td>
<td><strong>Can you reverse filler/injection-related visual loss</strong>&lt;br&gt;Steven Fagien, MD&lt;br&gt;Boca Raton, Florida, United States of America</td>
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<tr>
<td>1:35 pm</td>
<td><strong>Questions and Discussion</strong></td>
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<td>1:45 pm</td>
<td><strong>Cosmetic Controversies: Diverging Opinions on the Approach to Lower Periorbital Rejuvenation: Are Injectable Better Than Surgery?</strong>&lt;br&gt;Chair: Steven Fagien, MD&lt;br&gt;Panel: Robert A. Goldberg, MD, FACS, Kenneth D. Steinsapir, MD, John B. Holds, MD, and Jill A. Foster, MD</td>
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</table>
ONCOLOGY SESSION

Moderators: Sophie D. Liao, MD and Julie A. Woodward, MD

2:35 pm  Oncorrhoea Is it Real?
Sonal Chaugule1, Santosh Honavar1, Kaustubh Mulay2
1Ophthalmic Plastic Surgery and Ocular Oncology, Centre for Sight, Hyderabad, India, 2National Reporting Centre for Ophthalmic Pathology, Centre for Sight, Hyderabad, India

2:41 am  The role of MYB and NOTCH in the oncogenesis of adenoid cystic carcinoma of the lacrimal gland
Catherine J. Choi, Wensi Tao, Ravi Doddapaneni, Galina Dvoriantchikova, Dmitry Ivanov, Daniel Pelaez, David Tse
Bascom Palmer Eye Institute/University of Miami, Miami, Florida, United States of America

2:47 am  Immune Check Point Inhibitors for Patients with Orbital and Ocular Adnexal Melanoma
Catherine J. Choi, Wensi Tao, Ravi Doddapaneni, Galina Dvoriantchikova, Dmitry Ivanov, Daniel Pelaez, David Tse
Bascom Palmer Eye Institute/University of Miami, Miami, Florida, United States of America

2:53 am  Diagnostic Error in Ocular Adnexal lymphoma
Krishna Kalyam, Steven Couch, Philip Custer
Ophthalmology, Washington University, St. Louis, Missouri, United States of America

2:59 am  Neoadjuvant use of Vismodegib for Locally Advanced Orbital and Periorbital Basal Cell Carcinoma
Sudip Thakar1, Thomas Kandl1, Oded Sagiv1, Joshua Ford1, Matthew Sniegowski1, Wen-Jen Hwu2, Bita Esmaeli3
1Orbital Oncology and Ophthalmic Plastic Surgery, Department of Plastic Surgery, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America, 2Department of Melanoma Medical Oncology, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America, 3The University of Texas MD Anderson Cancer Center, Orbital Oncology and Ophthalmic Plastic Surgery, Department of Plastic Surgery, Houston, Texas, United States of America

3:05 am  Questions and Discussion

3:15 - 3:45 pm Break with Exhibitors and Poster Stand By Session

BREAKOUT SESSIONS

3:45 pm  AESTHETIC BREAKOUT SESSIONS

Defeat the Droop: Face and Neck Rejuvenation: Celestin ABC
Chair: John P. Fezza, MD
Faculty: Patrick M. Flaharty, MD, John Perenack, MD, Robert M. Schwarcz, MD, and Kevin Duplechain, MD

Eye on Energy: Devices for Rejuvenation: Celestin FGH
Chair: Brian S. Biesman, MD
Faculty: Joseph A. Eviatar, MD, FACS, John J. Martin, Jr., MD, and Lisa M. Donofrio, MD
### 3:45 pm  
**FUNCTIONAL BREAKOUT SESSIONS**

**The World of Dacryology: Double D’s Dryness Seen Through the Eyes of Cornea and Plastics**  
*Imperial 5, Level 4*  
Marguerite McDonald, MD, Anat Galor, MD, Sonia Yoo, MD and Kimberly Cockerham, MD

**Drainage Debates: External vs Endoscopic, Device vs. Instrument**  
Michael T. Yen, MD and Steven M. Couch, MD

**Treating Thyroid Eye Disease – What’s the Problem?**  
Celestin DE *(The General Session Room)*

*Chair: Geoffrey E. Rose, DSc, MS, FRCS, FRCOphth*  
*Faculty: Silvia Gra. Menendez, MD, Brian Moore, MD, Don O. Kikkawa, MD, FACS, Michael Kazim, MD and Gillian Adams, FRCS, FRCOphth*

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<tr>
<th>Time</th>
<th>Session</th>
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| 3:45 pm| Welcome and Introduction  
Geoffrey E. Rose, DSc, MS, FRCS, FRCOphth  
*Understanding Thyroid Tests, Controlling Bad Thyroid Glands, and Practical Tips for Avoiding TED*
| 3:50 pm| Silvia Gra. Menendez, MD  
*Why Thyroidectomy is Best for Controlling Thyroid Glands: How it is Done and Associated Problems?*
| 4:05 pm| Brian Moore, MD  
*How to Stop Active TED in its Tracks! Past, Present and Future*
| 4:20 pm| Don O. Kikkawa, MD, FACS  
*The Surgeon is the Cure of Thyroid Eye Disease - So Where are the Problems?*
| 4:35 pm| Michael Kazim, MD  
*Double, What Double! Can’t We Solve All TED Motility Problems?*
| 5:05 pm| Questions and Discussion  
*General Session Adjourns*

### 5:15 pm  
**General Session Adjourns**

#### 5:15 – 6:30 pm
- **ASOPRS Reception**  
  *Storyville Hall*

#### 6:30 – 7:30 pm
- **YASOPRS Reception**  
  *8 Block Restaurant*

A Young ASOPRS (YASOPRS) is an official ASOPRS member who has 8 years or less experience after graduation from an ASOPRS accredited fellowship, or alternatively, satisfies the Category II requirements of membership and has 8 years or less experience after fellowship graduation.
Friday, November 10, 2017

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<tr>
<th>Time</th>
<th>Session</th>
<th>Presenters</th>
<th>Institutions</th>
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<tbody>
<tr>
<td>7 - 8 am</td>
<td><strong>YASOPRS Eye Openers: Rapid Fire Cases and Presentations</strong></td>
<td>Celestin DE</td>
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<td></td>
<td><strong>Sponsored by Young ASOPRS (YASOPRS). A Young ASOPRS (YASOPRS) is an official ASOPRS member who has 8 years or less experience after graduation from an ASOPRS accredited fellowship, or alternatively, satisfies the Category II requirements of membership and has 8 years or less experience after fellowship graduation.</strong></td>
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<td><strong>Moderators: Erin Shriver, MD and Ilya Leyngold, MD</strong></td>
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<tr>
<td>7 am</td>
<td>The digital-assisted subcutaneous temporal brow lift: A safe and effective approach for elevation of the tail of the brow</td>
<td>Trey Pegram, Christopher DeBacker, David Holck</td>
<td>Eyeplastx, San Antonio, Texas, United States of America</td>
</tr>
<tr>
<td>7:04 am</td>
<td>Systemic Lupus Erythematosus Presenting as Spontaneous Subperiosteal Hemorrhage</td>
<td>Sarah W. DeParis, Shannon S. Joseph</td>
<td>Ophthalmology, Wilmer Eye Institute/Johns Hopkins Hospital, Baltimore, Maryland, United States of America</td>
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<tr>
<td>7:08 am</td>
<td>Radiological Comparison of the Lacrimal Sac Fossa Anatomy between Asians and Caucasians: Implications for lacrimal surgery</td>
<td>Patrick Yang1, Rohan Verma1, Masashi Mimura1, Toru Suzuki1, Audrey Ko1, Don Kikkawa1, Bobby Korn1</td>
<td>Ophthalmology, UC San Diego, La Jolla, California, United States of America, Ophthalmology, Osaka Medical College, Osaka, Japan,</td>
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<tr>
<td>7:12 am</td>
<td>Ocular Pyogenic Granulomas Treated with Topical Timolol</td>
<td>Nora Silverman1, Mithra Gonzalez2, Roman Shinder2</td>
<td>Ophthalmology, SUNY Downstate Medical Center, Brooklyn, New York, United States of America, Ophthalmology, Oral and Maxillofacial Surgery, Ophthalmology, Oculofacial Plastic and Orbital Surgery, Flaum Eye Institute, University of Rochester, Rochester, New York, United States of America</td>
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<tr>
<td>7:16 am</td>
<td>Open globe injury associated with orbital fracture carries a poor prognosis</td>
<td>Seanna Grob1,2, Eric Gaier1,2, Sami Tarabishy1, Matthew Gardiner3,4, Daniel Lefebvre3,4, Natalie Wolkow3,4</td>
<td>Ocular Trauma, Massachusetts Eye and Ear, Boston, Massachusetts, United States of America, Ophthalmology, Harvard Medical School, Boston, Massachusetts, United States of America, Ophthalmology, Massachusetts Eye and Ear, Boston, Massachusetts, United States of America, Department of Plastic and reconstructive surgery, Medical University of South Carolina, Charleston, South Carolina, United States of America, Emergency Department, Massachusetts Eye and Ear, Boston, Massachusetts, United States of America, Oculoplastics, Massachusetts Eye and Ear, Boston, Massachusetts, United States of America, Massachusetts Eye and Ear, Boston, Massachusetts, United States of America, Massachusetts Eye and Ear, Boston, Massachusetts, United States of America, Harvard Medical School, Boston, Massachusetts, United States of America</td>
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<td>7:20 am</td>
<td>Questions and Discussion</td>
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<td>7:32 am</td>
<td>Efficacy and Safety of Tarsofrontal Sling with 800 Micron Silicone in Chronic Progressive External Ophthalmoplegia</td>
<td>Sumeet Lahane, Santosh Honavar</td>
<td>Ophthalmic Plastic Surgery and Ocular Oncology, Centre for Sight, Hyderabad, India</td>
</tr>
<tr>
<td>7:36 am</td>
<td>Chronic soft tissue infection following cosmetic filler: an unusual case</td>
<td>Timothy Ekhlassi1,2,3, Dustin Wasylik1, Dianne Schlachter1,2,3</td>
<td>Consultants in Ophthalmic and Facial Plastic Surgery, Southfield, Michigan, United States of America, Ophthalmology, William Beaumont Hospital, Royal Oak, Michigan, United States of America, Kresge Eye Institute, Detroit, Michigan, United States of America, Ophthalmology, Ascension Health St. John Macomb Oakland Hospital, Madison Heights, Michigan, United States of America, Ophthalmology, Michigan State University, East Lansing, Michigan, United States of America</td>
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<tr>
<td>7:40 am</td>
<td>Müller Muscle- Conjunctiva Resection: Does Immediate Postoperative Eyelid Height Predict the Final Outcome?</td>
<td>Evan Kalin-Hajdu, Oluwatobi O. Idowu, Davin C. Ashraf, M Reza Vagefi, Robert C. Kersten</td>
<td>Ophthalmology, University of California, San Francisco, California, United States of America</td>
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</table>
### ASOPRS 2017 FALL SYMPOSIUM PROGRAM BOOK

#### Friday

**Program**

**7:44 am**  
Diversity in the American Society of Ophthalmic Plastic and Reconstructive Surgery  
Emily Charlson, Lester Tsai, Marc Yonkers, Jeremiah Tao  
UC Irvine Ophthalmology - GHEI, Irvine, California, United States of America

**7:48 am**  
Questions and Discussion

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### General Session - continued

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8 am</td>
<td><strong>Welcome</strong></td>
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<tr>
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<td>Gerald J. Harris, MD, FACS, ASOPRS President</td>
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<td>Wendy W. Lee, MD, ASOPRS Program Chair</td>
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<td>Jeremiah P. Tao, MD, FACS, ASOPRS Assistant Fall Meeting Program Chair</td>
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**ASOPRS Foundation Update and Michael J. Hawes Lecture**

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<tr>
<th>Time</th>
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<tr>
<td>8:05 pm</td>
<td><strong>ASOPRS Foundation Update</strong></td>
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<td>Roberta Gausas, MD, Chair, ASOPRS Foundation Board of Trustees</td>
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<td>8:10 pm</td>
<td><strong>ASOPRS Foundation Lecture Dedication to Ralph E. Wesley, MD</strong></td>
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<td>James C. Fleming, MD</td>
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<td>8:13 pm</td>
<td><strong>Introduction of ASOPRS Foundation Michael J. Hawes Lecturer: Craig MacFarlane</strong></td>
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<td>William R. Nunery, MD, FACS</td>
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<td>8:15 pm</td>
<td><strong>The Strength of Your Inner Vision</strong></td>
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<td>Craig MacFarlane</td>
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<td>8:40 pm</td>
<td>Questions and Discussion</td>
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### EYELID SESSION

**Moderators: Andrew R. Harrison, MD and Bradford W. Lee, MD**

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:44 am</td>
<td><strong>Comparison of Change in Eyelid Position Following Muellers Muscle Conjunctival Resection Surgery With a Standard 7mm Resection Length or a Variable 4:1 Resection Length Nomogram</strong></td>
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<td>Daniel Rootman¹, Kunal Sinha¹, Robert Goldberg²</td>
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<td>¹Division of Orbital and Ophthalmic Plastic Surgery, Doheny and Stein Eye Institutes, University of California, Los Angeles, California, United States of America, ²Division of Orbital and Ophthalmic Plastic Surgery, Stein Eye Institute, University of California, Los Angeles, California, United States of America</td>
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<td>8:50 am</td>
<td><strong>Preventing Post-operative Atypical Mycobacterial Infection</strong></td>
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<td>Alan Oester, Senmiao Zhan, Amber Hoang, George Escaravage</td>
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<td>Wilmington, North Carolina, United States of America</td>
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<td>8:56 am</td>
<td><strong>Temporals Fascia Fixed Collagen Splint Repair of Recalcitrant Eyelid Retraction</strong></td>
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<td>Giancarlo Garcia, Emily Charlson, Thomas Vo, Marc Yonkers, Jeremiah Tao</td>
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<td></td>
<td>UC Irvine Ophthalmology - GHEI, Irvine, California, United States of America</td>
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<tr>
<td>9:02 am</td>
<td><strong>Frontalis Muscle Contraction and the Role of Visual Deprivation and Lid Proprioception</strong></td>
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<td>Robert Beaulieu, Kaden Andre, Ronald Mancini</td>
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<td>Ophthalmology, University of Texas Southwestern Medical Center, Dallas, Texas, United States of America</td>
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<tr>
<td>9:08 am</td>
<td>Questions and Discussion</td>
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### Questions and Discussion

**9:15 – 9:45 am**  
Break with Exhibitors/Poster Stand By & Video Viewing  
Storyville Hall
### 8 Mile: The Long Journey and Lessons Learned: M and M

- **9:45 am**
  - **Martin H. Devoto, MD**
  - **John J. Martin, Jr., MD**
  - **Tamara R. Fountain, MD**
  - **Don O. Kikkawa, MD, FACS**
  - **George B. Bartley, MD**

### AESTHETICS SESSION

**Moderators:** Cat N. Burkat, MD, FACS and Gary J. Lelli Jr., MD

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<th>Session</th>
<th>Speaker(s)</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>10:35</td>
<td>The Dermatologist’s Approach to the Aging Face</td>
<td>Mary Lupo</td>
<td>Lupo Center for Aesthetic and General Dermatology, New Orleans, Louisiana, United States of America</td>
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<tr>
<td>10:47</td>
<td>CO₂ Laser Lash Tilt Technique for the Treatment of Mild to Moderate Lash Ptosis and Augmentation of Upper Eyelid Blepharoplasty Results</td>
<td>Nicole Langelier, Ilya Leyngold, Jason Liss, Christopher Weller, Sandra Stinnett, Julie Woodward</td>
<td>Department of Ophthalmology, Duke University Medical Center, Durham, North Carolina, United States of America, Department of Ophthalmology and Department of Biostatistics, Duke University Medical Center, Durham, North Carolina, United States of America, Department of Ophthalmology and Department of Dermatology, Duke University Medical Center, Durham, North Carolina, United States of America</td>
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<tr>
<td>10:53</td>
<td>DWP-450, purified botulinum toxin type A, for the treatment of moderate-to-severe glabellar lines in adult subjects: Results from two randomized, double-blind, placebo-controlled, single dose Phase III safety and efficacy studies</td>
<td>Brian Biesman</td>
<td>Brian S. Biesman, MD, Nashville, Tennessee, United States of America</td>
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<tr>
<td>10:59</td>
<td>The Effect of Iris Show on Perceived Upper Eyelid Height</td>
<td>Erin Shriver, Jacob Evans, Kai Wang, Thomas Clark</td>
<td>Department of Ophthalmology and Visual Sciences, University of Iowa Carver College of Medicine, Iowa City, Iowa, United States of America, University of Iowa Carver College of Medicine, Iowa City, Iowa, United States of America, Biostatistics, University of Iowa College of Public Health, Iowa City, Iowa, United States of America</td>
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<tr>
<td>11:05</td>
<td>Transconjunctival Lower Blepharoplasty: A Long-Term Analysis of Complications</td>
<td>David B. Samimi, Guy G Massry</td>
<td>Oculofacial Plastic Surgery, Eysthetica, Los Angeles, California, United States of America, Oculofacial Plastic Surgery, Roski USC Eye Institute, Los Angeles, California, United States of America, Beverly Hills Ophthalmic Plastic Surgery, Beverly Hills, California, United States of America</td>
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<tr>
<td>11:11</td>
<td>Questions and Discussion</td>
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**Featured Speaker:** Timothy Marten, MD, FACS

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<tr>
<td>11:20</td>
<td>Introduction of Dr. Marten</td>
<td>Guy G. Massry</td>
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<tr>
<td>11:23</td>
<td>Part I: Peri-orbital Fat Grafting – A New Paradigm for Rejuvenation of the Eyelids</td>
<td>Timothy Marten, MD, FACS</td>
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<td>Part II: The Inter-dependence of the Forehead and the Upper Eyelid in Rejuvenating the Upper Orbit</td>
<td>Timothy Marten, MD, FACS</td>
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</table>
### Noon - 1 pm

**LUNCH AND LEARN**

Celestin ABC

*BOTOX® Cosmetic for the treatment of moderate to severe forehead lines, glabellar lines, and lateral canthal lines: Presentation Of A Balanced Approach*

Sponsored by Allergan (Non-CME)

---

**LUNCH AND LEARN**

Celestin FGH

*Advanced Concepts in Orbital Decompression Surgery*

Sponsored by Stryker (Non-CME)

---

**MINI LUNCH AND LEARN**

Storyville Hall

*for Residents and Fellows-in-Training:*

*A Closer Look into the Merz Portfolio of Products: Setting You Up for Success*

Sponsored by Merz (Non-CME)

---

**YASOPRS Roundtables**

*Table 1: Tips on Getting Involved in International Service Projection*

Srinivas S. Iyengar, MD FACS

*Table 2: Contract Negotiation*

M. Reza Vagefi, MD

*Table 3: Coding Tips*

Kenneth V. Cahill, MD

*Table 4: How to Build a Cosmetic Practice*

Brian S. Biesman, MD

*Table 5: How to Find the Perfect Job*

Christopher B. Chambers, MD

*Table 6: How to Succeed in Academic Medicine*

Louise A. Mawn, MD

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**General Attendee Lunch**

Storyville Hall

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### 1 - 5:10 pm

**General Session**

Celestin DE

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**ORBIT SESSION**

**Moderators: Thomas E. Johnson, MD and Chad Zatezalo, MD**

1 pm

*Orbital bony changes associated with Micro-implant Assisted Rapid Palatal Expansion (MARPE)*

Hamzah Mustak1,2, Xu Qian3, Robert Goldberg4, Daniel Rootman5, Won Moon6

1: Oculoplastic Surgery, University of California Los Angeles, Los Angeles, California, United States of America,
2 Ophthalmology, University of Cape Town, Cape Town, South Africa, 3Orthodontics - Growth and Development, University of California, Los Angeles, California, United States of America, 4Oculoplastics, University of California Los Angeles, Los Angeles, California, United States of America, 5Oculoplastics, University of Los Angeles, Los Angeles, California, United States of America, 6Orthodontic Surgery, University of California Los Angeles, Los Angeles, California, United States of America

1:06 pm

*Targeting MEK in Patients with Erdheim-Chester Disease of Orbit and Ocular Adnexa*

Oded Sagiv1, Filip Janku2, Thomas Kandl1, Sudip Thakar1, Omar Ozgur1, Bita Esmaeli1

1: Orbital Oncology and Ophthalmic Plastic Surgery, Department of Plastic Surgery, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America, 2Department of Investigational Cancer Therapeutics, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America

1:12 pm

*Infraorbital Hypesthesia Following Orbital Floor and Zygomaticomaxillary Complex Fractures*

Natalie Homer1,2, Michael Yoon3,4

1: Ophthalmic Plastic Surgery, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, United States of America, 2Ophthalmology, Harvard Medical School, Boston, Massachusetts, United States of America
### Program Friday

#### General Session – continued

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>1:18 pm</td>
<td>Giant Dermatofibrosarcoma Protuberans with Bilateral Orbital Involvement</td>
<td>Victor Liou¹, Smith Ann Chisholm¹, Valentina Logunova², Robert Havlik¹, Neda Esmaili¹ ¹Ophthalmology, Medical College of Wisconsin, Milwaukee, Wisconsin, United States of America, ²Pathology, Medical College of Wisconsin, Milwaukee, Wisconsin, United States of America, ³Plastic Surgery, Medical College of Wisconsin, Milwaukee, Wisconsin, United States of America</td>
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<tr>
<td>1:24 pm</td>
<td>Anti-IGF1 Receptor Therapy: Changing TED Treatment Forever?</td>
<td>Raymond Douglas</td>
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<td>Private Practice, Beverly Hills, California, United States of America</td>
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<tr>
<td>1:36 pm</td>
<td>Questions and Discussion</td>
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#### LACRIMAL SESSION

*Moderators: Steven M. Couch, MD and Andrea Lora Kossler, MD*

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tr>
<td>1:45 pm</td>
<td>Botulinum toxin A injection into the lacrimal gland for epiphora treatment in patients with proximal lacrimal system obstructions: 8-year experience</td>
<td>Pelin Kaynak¹, Gamze Karabulut¹, Can Öztürker², Korhn Fazil³, Ahmet Demirok¹,²⁴¹OPRS Division, Istanbul, Rufus Eye Microsurgical Center, Istanbul, Turkey, ²OPRS division, Beyoglu Eye Research Hospital, Istanbul, Turkey, ³Beyoglu Eye Research Hospital, Istanbul, Turkey, ⁴Ophthalmology Dept, Istanbul Medeniyet Univ., Istanbul, Turkey</td>
</tr>
<tr>
<td>1:51 pm</td>
<td>Cholinergic Brush cells in the lacrimal drainage system: Exploring their potential chemosensory sentinel role</td>
<td>Mohammad Javed Ali¹,², Friedrich Paulsen²¹Govindram Seksaria Institute of Dacryology, L.V. Prasad Eye Institute, Hyderabad, India, ²Institute of Anatomy II, Friedrich Alexander University of Erlangen-Nuremberg, Erlangen, Germany</td>
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<tr>
<td>1:57 pm</td>
<td>Threshold for Nasolacrimal Air Regurgitation Before and After Endoscopic Dacryocystorhinostomy</td>
<td>Alexander Blandford¹, Olivia Cheng³, Daniel Cherfan¹, Catherine Hwang¹, Julian Perry¹¹Cole Eye Institute, Cleveland Clinic Foundation, Cleveland, Ohio, ²Case Western University School of Medicine, Cleveland, Ohio</td>
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<tr>
<td>2:03 pm</td>
<td>The Use of Hyaluronic Acid Gel Plugs in the Treatment of Dry Eyes</td>
<td>John Fezza</td>
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<td>Oculoplastic Surgery, Center for Sight, Sarasota, Florida, United States of America</td>
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<tr>
<td>2:09 pm</td>
<td>Questions and Discussion</td>
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#### Train Wrecks: Case Presentations by YASOPRS

**How to Get Back on Track**

*Moderator: Jeremiah P. Tao, MD, FACS*

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>2:15 pm</td>
<td>Case #1: Christopher B. Chambers, MD</td>
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<td>2:27 pm</td>
<td>Case #2: Seanna Grob, MD</td>
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<tr>
<td>2:39 pm</td>
<td>Case #3: Nathan W. Blessing, MD</td>
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<tr>
<td>2:51 pm</td>
<td>Expert Panel Discussion by Robert C. Kersten, MD, Sean M. Blaydon, MD, FACS, and Evan H. Black, MD, FACS</td>
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### 3 – 3:30 pm

**Break with Exhibitors/Poster Stand-By and Video Viewing**

**Storyville Hall**

#### Henry I. Baylis Cosmetic Surgery Award Lecture

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>3:30 pm</td>
<td>Introduction of the Henry I. Baylis Award Lecturer: Alan B. Brackup, MD, FACS</td>
<td>James A. Katowitz, MD</td>
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<tr>
<td>3:35 pm</td>
<td>The 2-Hour Facelift: A Love Affair Over 20 years and 2000 Cases</td>
<td>Alan B. Brackup, MD, FACS</td>
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<tr>
<td>4 pm</td>
<td>Questions and Discussion</td>
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<tr>
<td>4:10 pm</td>
<td>Henry I. Baylis Award Presentation</td>
<td>James A. Katowitz, MD</td>
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## Program Friday

### General Session – continued

**Featured Speaker: Timothy Marten, MD, FACS**

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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<tr>
<td>4:10 pm</td>
<td><strong>Rethinking Brow Aesthetics: Does Orbital Volume Influence Eyebrow Appearance?</strong>&lt;br&gt;/ Timothy Marten, MD, FACS</td>
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### ASOPRS Thesis Presentations and Awards Session

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>4:45 pm</td>
<td><strong>Introduction – ASOPRS Awards Presentations</strong></td>
<td>Scott Goldstein, MD, Awards Committee Chair</td>
</tr>
<tr>
<td>4:46 pm</td>
<td><strong>Marvin H. Quickert Thesis Award Candidate Presentations</strong></td>
<td>Evan Black, MD, Thesis Committee Chair</td>
</tr>
<tr>
<td>4:47 pm</td>
<td><strong>Orbital Compartment Syndrome: Effects of a Full-thickness Eyelid Incision Compared to the Lateral Canthotomy and Cantholysis</strong>&lt;br&gt;/&gt;Roxana Fu, MD</td>
<td></td>
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<tr>
<td>4:51 pm</td>
<td><strong>Changes in Peripapillary Blood Vessel Density in Graves’ Orbitopathy After Orbital Decompression as Measured by Optical Coherence Tomography Angiography</strong>&lt;br&gt;/&gt;Kyle T. Lewis, MD</td>
<td></td>
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<tr>
<td>4:55 pm</td>
<td><strong>Estradiol increases Aquaporin-1 Function in Xenopus Oocytes: A Model for the Pathogenesis of Idiopathic Intracranial Hypertension</strong>&lt;br&gt;/&gt;Mark Yonkers, MD</td>
<td></td>
</tr>
<tr>
<td>4:59 pm</td>
<td><strong>Marvin H. Quickert Thesis Award Presentation</strong></td>
<td>Presented by Evan Black, MD, Thesis Committee Chair</td>
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5 pm  
- **Robert H. Kennedy Presidential Award** – Robert A. Goldberg, MD, FACS  
  Presented by Gerald J. Harris, MD, FACS, ASOPRS President  
- **ASOPRS Research Award** – Daniel T. Sines, MD, Matej Polomsky, MD, Jonathan J. Dutton, MD, PhD  
- **Lester T. Jones Surgical Anatomy Award** – Jeffrey A. Nerad, MD, FACS  
- **Merrill Reeh Pathology Award** – Frederick A. Jakobiec, MD, DSc  
- **Bartley R. Frueh Award for Best YASOPRS Presentation**

5:10 pm  
- **Adjourn**

5:10 – 6 pm  
- **ASOPRS Business Meeting & International Associate New Member Inductions**  
  *(All members are invited and encouraged to attend the Business Meeting)*
Marvin H. Quickert Thesis Award

The Marvin H. Quickert Thesis Award is an honorary award given for the most outstanding thesis chosen from those submitted by candidates seeking membership in ASOPRS during the current year.

The recipient of this year’s Marvin H. Quickert Thesis Award will be announced during the Awards Session on Friday, November 10, 2017.

The candidates for this year’s Marvin H. Quickert Award are:

- Roxana Fu, MD for the paper: Orbital Compartment Syndrome: Effects of a Full-thickness Eyelid Incision Compared to the Lateral Canthotomy and Cantholysis
- Kyle T. Lewis, MD for the paper: Changes in Peripapillary Blood Vessel Density in Graves’ Orbitopathy After Orbital Decompression as Measured by Optical Coherence Tomography Angiography
- Mark Yonkers, MD for the paper: Estradiol increases Aquaporin-1 Function in Xenopus Oocytes: A Model for the Pathogenesis of Idiopathic Intracranial Hypertension

Robert H. Kennedy Presidential Award

Named in memory of ASOPRS 2007 President, Robert H. Kennedy, MD, PhD, this award is presented to the Society’s Immediate Past President in recognition of their devotion, leadership, and ongoing service to the Society.

The recipient of this year’s Robert H. Kennedy Presidential Award is: Robert A. Goldberg, MD, FACS.

Robert Alan Goldberg, MD, FACS is Chief of Orbital and Ophthalmic Plastic Surgery and Director of the UCLA Aesthetic Center at the Stein Eye Institute. He is the Karen and Frank Dabby Professor of Ophthalmology at the David Geffen School of Medicine at UCLA. He is a preceptor for the well recognized fellowship program in Orbital Facial Plastic Surgery at UCLA, and has lectured and demonstrated surgery at many national and international lectures and visiting professorships. He has published more than 200 articles and chapters, with research interests in Graves orbitopathy, lacrimal surgery, aesthetic and reconstructive eyelid surgery, and orbital tumors and reconstruction. He serves on the editorial boards of several prestigious ophthalmic and plastic surgery journals, as well as the American Academy of Ophthalmology Ophthalmology News and Education network. He served as the 2016 President of the American Society of Ophthalmic Plastic and Reconstructive Surgery. His surgical contributions include small incision lateral orbital decompression, minimally invasive orbital tumor surgery, small incision canthoplasty, and non-incisional eyelid reconstruction techniques. Dr. Goldberg has an academic private practice at UCLA where he sees national and international referrals in orbitofacial surgery, with particular interests in aesthetic and reconstructive orbital surgery, endonasal lacrimal surgery, endoscopic and small incision facial surgery, nonsurgical facial rejuvenation, and primary and secondary blepharoplasty.

Henry I. Baylis Cosmetic Surgery Award

The Henry I. Baylis Cosmetic Surgery Award is given to an individual for longstanding contributions in the field of cosmetic surgery. The recipient of this award presents the Henry I. Baylis Lecture at the Fall Scientific Symposium.

The recipient of this year’s Henry I. Baylis Cosmetic Surgery Award is: Alan B. Brackup, MD, FACS. The award will be presented after presentation of the Henry I. Baylis Lecture on Friday, November 10, 2017 at 3:30 pm: The 2-Hour Facelift: A Love Affair Over 20 years and 2000 Cases.

Dr. Alan Brackup is a graduate of Stanford Medical School. He completed his residency in ophthalmology at Stanford University Medical Center, followed by a fellowship in oculofacial plastic surgery at the University of Iowa. He was the first surgeon in the U.S. to be board-certified in both facial cosmetic surgery and ophthalmology, and directed the first ASOPRS workshops on facelift surgery. He has published and lectures extensively on cosmetic surgery procedures. Dr. Brackup is an Assistant Clinical Professor at the University of Pennsylvania, and co-director of ASOPRS fellowship programs at the University of Pennsylvania and Albany Medical Center.
Awards

ASOPRS Research Award

The ASOPRS Research Award is given annually to an ASOPRS member(s) or candidate(s) for membership who submits the most outstanding paper describing original research conducted in the field. Only papers submitted to Ophthalmic Plastic and Reconstructive Surgery, the official journal of the Society, are considered.

The recipients of this year’s ASOPRS Research Award are: Daniel T. Sines, MD, Matej Polomsky, MD and Jonathan J. Dutton, MD, PhD for the paper: Predicting the surgical Margin of resection in Periocular Cutaneous Neoplasms & the Significance of Reconstruction following Mohs Micrographic Surgery. Sines, Daniel T. MD; Polomsky, Matej MD; Dutton, Jonathan J. MD, PhD, Ophthalmic Plastic & Reconstructive Surgery: July/August 2016 - Volume 32 - Issue 4 - p 284-291.

Daniel T. Sines, MD is the current Vice President of the Boozman-Hof Regional Eye Clinic in Rogers, AR where he practices Ophthalmic, Plastic, and Reconstructive Surgery. He also currently serves as the Compliance Officer for the Clinic. He is a native of Valparaiso, Indiana. He graduated with Highest Distinction from Purdue University in Health Sciences. He completed his Masters Degree in Physiology at Indiana University. He received his medical training, including an MD, Internship, and Residency at Indiana University. He was mentored under the guidance of Jonathan J. Dutton MD, PhD, and Amy Fowler, MD during his ASOPRS fellowship at the University of North Carolina, Chapel Hill. He has been involved in approximately 20 publications, including two book chapters. He is an active Fellow of the American Academy of Ophthalmology (AAO) the American Society of Ophthalmic, Plastic and Reconstructive Surgery (ASOPRS), and the Arkansas Medical Society.

Matej Polomsky, MD is a cataract and refractive surgeon who is currently in practice in Wilmington, North Carolina. He attended Northwestern University undergraduate and received his medical degree from New York Medical College. He completed his residency at University of North Carolina at Chapel Hill and then went on to complete a refractive surgery fellowship in Boulder, Colorado.

Dr. Polomsky is a fellow of the American Academy of Ophthalmology as well as an active member of the American Society of Cataract and Refractive Surgery. He has given presentations and is a contributing author for several papers ranging from oculoplastic disorders to refractive surgery outcomes.

After his training, Dr. Polomsky returned to the east coast of North Carolina where he has a thriving premium cataract and refractive surgery practice. In his spare time, he enjoys playing guitar and performing in front of large audiences with his band as well as exploring the Atlantic Ocean with his lovely wife, Allison.

Jonathan J. Dutton, MD, PhD is currently Professor Emeritus of Oculoplastic Surgery and Ophthalmic Oncology in the Department of Ophthalmology at the University of North Carolina at Chapel Hill. He is author of nine books, has published more than 200 papers in scientific journals, and contributed more than 70 book chapters. He has been an invited speaker at more than 180 meetings in 68 foreign countries. Dr. Dutton is currently Editor-in-Chief of Ophthalmic Plastic and Reconstructive Surgery, serves on the Board of the International Thyroid Eye Disease Society, and is Medical Director of the ITED BioBank.

The Bartley R. Frueh Award for Best YASOPRS Presentation

Named in memory of ASOPRS Past President, Dr. Bartley Frueh, the ASOPRS Foundation will award the Bartley R. Frueh Award for Best YASOPRS Presentation to two presentations (one from each morning’s session) from the YASOPRS Eye Openers: Rapid Fire Case Presentations Sessions.

The recipients of the Bartley R. Frueh Award for Best YASOPRS Presentation will be announced during the Awards Session on Friday, November 10, 2017.

A Young ASOPRS (YASOPRS) is an official ASOPRS member who has 8 years or less experience after graduation from an ASOPRS accredited fellowship, or alternatively, satisfies the Category II membership requirements and has 8 years or less experience after fellowship graduation. Fellows-in-Training in an ASOPRS-accredited fellowship are also invited to participate in the Rapid Fire Cases and Presentations.
Awards

Wendell Hughes Lecture Award

The Wendell Hughes Lecture Award is given to an individual, selected by the ASOPRS Wendell Hughes Committee, who delivers the prestigious named lecture in honor of Dr. Hughes, ASOPRS Inaugural President. An annual tradition since 1970, the lecture is delivered at the joint ASOPRS-AAO Symposium during the American Academy of Ophthalmology meeting each Fall.

The recipient of this year’s Wendell Hughes Lecture Award is: John W. Shore, MD, FACS. The award will be presented to Dr. Shore after delivery of the Wendell Hughes Lecture, titled The Forces That Affect Upper Eyelid Movement, Position, and Contour During Ptosis Surgery, on Monday, Nov 13, 2017 at 11:17 am, Morial Convention Center, Room 243-245.

Dr. John Shore graduated magna cum laude from the University of New Hampshire and finished at the top of his medical school class at Washington University in St. Louis. He completed a surgical internship and an ophthalmology residency at Wilford Hall USAF Medical Center in San Antonio, Texas, and fellowship training in ophthalmic plastic and reconstructive surgery at Emory University in Atlanta.

During his Air Force career, Dr. Shore served for six years as Chairman of the Department of Ophthalmology and Director of Residency Training at Wilford Hall and was Consultant to the USAF Surgeon General. He retired from the Air Force in 1988 and joined the Harvard University faculty as Associate Chief of Ophthalmology where he directed the Eye Plastic Surgery Service at the Massachusetts Eye and Ear Infirmary and the Massachusetts General Hospital. At Harvard Dr. Shore conducted research on orbital trauma and developed two implants for which he holds U.S. patents. He directed the fellowship training programs at Harvard and in that capacity developed a two-year fellowship training program in oculoplastic surgery that later moved from Harvard to Austin and Texas Oculoplastic Consultants (now TOC Eye and Face). Over 35 U.S. and foreign fellows have trained with Dr. Shore and his colleagues at the TOC fellowship training program.

Dr. Shore continues to teach and lecture nationally and internationally. He has delivered over 150 lectures at University and Medical Societies in the United States and abroad. He has authored over 95 original publications and 35 book chapters. He is a past president of the Massachusetts Society of Eye Physicians and Surgeons, former Chairman of the Board of Prevent Blindness Texas – Austin, past president of the American Society of Ophthalmic Plastic and Reconstructive Surgery, and immediate past Chairman of the Board of Directors of the Ophthalmic Mutual Insurance Company.

Dr. Shore and his wife, Suzanne, have two sons. As a former fighter pilot in the Unites States Air Force with service in Southeast Asia he was awarded the Distinguished Flying Cross, the Vietnam Service Medal, and the USAF Air Medal with 6 oak leaf clusters. He still loves to fly.

Lester T. Jones Surgical Anatomy Award

The Lester T. Jones Surgical Anatomy Award is given to an individual who has made an outstanding contribution to ophthalmic plastic and reconstructive surgery. The first award in 1974 was awarded to Marvin H. Quickert, MD, for his application of anatomy to surgical approaches.

The recipient of this year’s Lester T. Jones Surgical Anatomy Award is: Jeffrey A. Nerad, MD, FACS.

Dr. Nerad joined the Cincinnati Eye Institute in 2009. Prior to his arrival, he held the position of Professor of Ophthalmology & Otolaryngology at the University of Iowa in Iowa City, Iowa for over 20 years. At the University, he was the Director of the Oculoplastic and Orbital Surgery Service where he performed over 1,000 surgeries each year. In 2008, he was awarded the Fuerste Professorship of Ophthalmology for his patient care, teaching and research. During his career as a surgeon and educator, Dr. Nerad has trained hundreds of resident and fellow physicians who now practice throughout the world. He has been an ASOPRS Preceptor for 25 years.

Dr. Nerad attended the University of California for undergraduate training. He completed medical school and residency training at Saint Louis University. Dr. Nerad did fellowship training in Moorfields Eye Hospital in London and at the University of Iowa. Dr. Nerad is Board Certified in Ophthalmology and a Fellow of the American Academy of Ophthalmology. He is a member of the American and European Societies of Oculoplastic and Reconstructive Surgery, the American Academy of Facial Plastic Surgeons, and the Orbital Society.

Dr. Nerad served on the board of directors of the American Society of Ophthalmic Plastic and Reconstructive Surgery for 5 years and was president of the society in 2010. Dr. Nerad has been awarded the Honor and Senior Honor and Life Achievement Awards from the American Academy of Ophthalmology. Over the the years, Dr. Nerad chaired several AAO committees, including the Oculoplastic Section of BSCC, Focal Points, MOC Oculoplastic Curriculum, and the Annual AAO Meeting Skills Transfer course (where he added Blepharoplasty, Browlift and Facelift courses to the annual meeting). Dr. Nerad served as AAO Secretary of Education for 6 years.

He has been named among the Best Doctors in America for over 20 years. Dr. Nerad has published over 100 scientific papers on a wide variety of topics related to eyelid and orbital surgery. He serves on the editorial boards of several professional journals. He has authored and coauthored several textbooks which are among the most widely referred to texts in his area. His latest textbook, Techniques in Ophthalmic Plastic Surgery, was released in 2010, with a new edition available in 2018. He is a sought-after lecturer nationally and has lectured in more than 40 countries across the globe. He is married and the proud father of two daughters.
Awards

Merrill Reeh Pathology Award

The Merrill Reeh Pathology Award honors an outstanding contribution to the study of pathology pertinent to the field of ophthalmic plastic and reconstructive surgery. Papers may be submitted for consideration for this honorary award by members of ASOPRS or anyone interested in the field of ophthalmic plastic and reconstructive surgery. Theses from membership candidates are also considered eligible. The Merrill Reeh Pathology Award is reserved for a paper considered to represent a truly significant contribution to the field of ophthalmic plastic and reconstructive surgery.

The recipient of this year’s Merrill Reeh Pathology Award is: Frederick A. Jakobiec, MD, DSc for the paper: Pigmentation of the Lacrimal Sac Epithelium, Jakobiec, Frederick A. MD, DSc; Stagner, Anna M. MD; Sutula, Francis C. MD; Freitag, Suzanne K. MD; Yoon, Michael K. MD, Ophthalmic Plastic & Reconstructive Surgery: November/December 2016 - Volume 32 - Issue 6 - p 415–423.

After graduating from Harvard College magna cum laude and Harvard Medical School, Frederick A. Jakobiec, MD, DSc, trained in anatomic pathology as well as ophthalmology at Columbia-Presbyterian Medical Center in New York City and became board certified in both specialties. Thereafter he studied ophthalmic pathology under Dr. Lorenz Zimmerman at the Armed Forces Institute of Pathology. He joined the staff of the Harkness Eye Institute and soon became Chairman of Ophthalmology at Manhattan Eye, Ear and Throat Hospital in New York City.

He is now the Henry Willard Williams Professor Emeritus of Ophthalmology and Professor at the Harvard Medical School. From 1989 until 2002, Dr. Jakobiec served as Chairman of the HMS Department of Ophthalmology and Chief of Ophthalmology at Mass. Eye and Ear. Since 2007, he has served as Director of the David G. Cogan Ophthalmic Pathology Laboratory at the Infirmary, where he has reinvigorated and expanded the laboratory’s mission in clinical care, teaching, and research. He is the recipient of numerous awards and honors, including the Medical Science Professional and Scholarly Publishing Division Award for the best textbook, namely Albert & Jakobiec’s Principles and Practice of Ophthalmology. He received the McLean Medal from New York Hospital-Cornell Medical Center, was the Reese Lecturer at Harkness Eye Institute, the 2008 Pfizer Visiting Professor in Ophthalmology and the Ellsworth Memorial Lecturer at Weill Cornell Medical College, and the Wise–Henkind Memorial Lecturer at the Albert Einstein School of Medicine. He has delivered another 45 named lectures (including in Europe, Canada, and Australia), co-edited eight textbooks, and written 468 peer reviewed papers and 100 book chapters. Dr. Jakobiec’s main clinical and research interests have been centered on ocular and adnexal tumors and inflammations.

Orkan G. Stasior Leadership Award

This award is given to an individual who has demonstrated distinguished service in the field of ophthalmic plastic and reconstructive surgery through education, research, humanitarian activities and/or service to the Society. This award is presented in recognition of the leadership of ASOPRS charter member, Orkan G. Stasior, MD.

The recipient of this year’s Orkan G. Stasior Leadership Award is: George B. Bartley, MD.

George B. Bartley, MD received a BA at Miami University in 1978 and an MD at the Ohio State University College of Medicine in 1981. After internship in Columbus, he pursued residency training in ophthalmology at the Mayo Clinic and subspecialty training in ophthalmic plastic and orbital surgery with John D. Bullock, MD at Wright State University. Bartley joined the Department of Ophthalmology at Mayo Clinic - Rochester in 1986. He was appointed Department Chair in 1992 and served in that role until 2001, when he was elected to the Mayo Clinic Board of Governors. The following year, he was appointed as Chief Executive Officer of Mayo’s operations in Florida. During Bartley’s term as CEO, Mayo Clinic in Florida built a state-of-the-art hospital, doubled extramural funding for research, significantly exceeded fundraising targets, and achieved the highest patient satisfaction scores of any Mayo site. Non-medical activities included membership on the Florida Council of 100, an advisory body appointed by Governor Jeb Bush of 100 business leaders. Bartley resumed his surgical practice at Mayo Clinic – Rochester in 2009. In 2012, Bartley was appointed Editor-in-Chief of Ophthalmology. During his term, the journal’s impact factor has increased from 5.56 to 6.75 and a companion journal, Ophthalmology Retina, was launched. He stepped down from this role in 2017 to become the CEO of the American Board of Ophthalmology. Bartley previously served as the Editor-in-Chief of Ophthalmic Plastic and Reconstructive Surgery and as an editorial board member of Ophthalmology, the American Journal of Ophthalmology, and the Archives of Ophthalmology. Bartley is past President of the American Ophthalmological Society, past President of the Cogan Ophthalmic History Society, and past Chair of the Doctors Mayo Society.
Awards

ASOPRS Outstanding Contribution Award  

This award is given to an individual or individuals who make a legendary single, or longstanding multiple contributions to ASOPRS.  
The recipients of this year’s ASOPRS Outstanding Contribution Award are: Robert G. Fante, MD, FACS and Simeon A. Lauer, MD.

Robert G. Fante, MD, FACS is a clinical associate professor at University of Colorado and is an associate preceptor for the Colorado ASOPRS fellowship. He currently serves on the OMIC board, on several AAO committees, and as ASOPRS Secretary of Education. He is past president of the Colorado Society of Eye Physicians and Surgeons, and has given presentations and written articles on a wide variety of oculofacial plastic surgery topics. He is grateful to his wife, Megan, and his mentors Bart Frueh, Christy Nelson, and Vic Elner for the opportunity to be part of our field.

Simeon A. Lauer, MD is a clinical associate professor of ophthalmology at the Albert Einstein College of Medicine of Yeshiva University. He is director of the ophthalmic plastic surgery service at Hackensack University Medical Center in New Jersey and Bronx Lebanon Hospital Center in the Bronx and attends at New York Eye and Ear Infirmary. Dr. Lauer received his fellowship training at the LSU Eye Center under Dr. Darrell Wolfley. His research interests include thyroid eye disease, acquired dacryostenosis and neurofibromatosis. He has served ASOPRS in a variety of capacities including Chairman of the Education Committee.

Richard K. Dortzbach Teaching Award  

The Dortzbach Teaching Award is given to an individual with significant contribution to the field of oculoplastics through outstanding teaching, academic, scientific, and scholarly achievement and for dedication throughout his or her profession.  
The recipient of this year’s Richard K. Dortzbach Teaching Award is: Jonathan J. Dutton, MD, PhD.

Jonathan J. Dutton, MD, PhD is currently Professor Emeritus of Oculoplastic Surgery and Ophthalmic Oncology in the Department of Ophthalmology at the University of North Carolina at Chapel Hill. He is author of nine books, has published more than 200 papers in scientific journals, and contributed more than 70 book chapters. He has been an invited speaker at more than 180 meetings in 68 foreign countries. Dr. Dutton is currently Editor-in-Chief of Ophthalmic Plastic and Reconstructive Surgery, serves on the Board of the International Thyroid Eye Disease Society, and is Medical Director of the ITED BioBank.

James A. Katowitz Pediatric Award  

This award shall be given to an individual for longstanding contributions in pediatric oculofacial plastic surgery.  
The recipient of this year’s James A. Katowitz Pediatric Award is: Michael Kazim, MD.

Dr. Kazim is Clinical Professor of Ophthalmology and Surgery at the Harkness Eye Institute - Columbia University Medical Center. He completed medical school, an internship in General Surgery and residency in Ophthalmology at Columbia before having the great fortune of completing an ASOPRS fellowship with Jim Katowitz at the University of Pennsylvania – Scheie Eye Institute/Children’s Hospital of Philadelphia. He then completed a second wonderful fellowship year in Pittsburgh in Orbital Surgery and Neuro-ophthalmology with Jack Kennerdell. He subsequently returned to practice at the Harkness Eye Institute where he trains ASOPRS national and international fellows as well as 12 Harkness ophthalmology residents. In addition to his membership in ASOPRS he is a member of the International Orbit Society, American Academy of Ophthalmology (AAO), American College of Surgeons and is a founding member and first President of the International Thyroid Eye Disease Society (ITEDS). He has published over 100 article and book chapters, and is an editor or reviewer for a dozen peer-review journals. He has been invited to speak at over 200 national and international conferences, universities and hospitals. Dr Kazim is forever grateful to Dr. Katowitz, who has been a generous teacher, great friend and role model.
Thursday Posters

T1 A collaborative study determining the effect of topical anesthetic on eyelid position in patients with dry eye syndrome
Krishna Patel¹, Scott Greenberg², Saaquib Bakhsh³, Paul Phelps²
¹Ophthalmology, John H Stroger Hospital of Cook County, Chicago, Illinois, United States of America, ²Ophthalmology, Albany Medical College, Albany, New York, United States of America, ³Ophthalmology, Rush University Medical Center, Chicago, Illinois, United States of America

T2 A Modified Hughes Flap for Correction of Refractory Cicatricial Lower Lid Retraction
Ying Chen¹, Zakeya Al-Sadah¹, Don O. Kikkawa², Bradford W. Lee¹
¹Bascom Palmer Eye Institute, Miami, Florida, United States of America, ²Shiley Eye Institute / University of California San Diego, San Diego, California, United States of America

T3 A novel method to measure the biomechanical property of orbital soft tissue using a corneal dynamic Scheimpflug analyser
Won-Kyung Cho¹, Suk-Woo Yang², Ji-Sun Paik³, Ho-Sik Hwang⁴
¹Department of Ophthalmology, DaeJeon St. Mary’s Hospital, The Catholic University of Korea, DaeJeon, South Korea, ²Department of Ophthalmology, Seoul St. Mary’s Hospital, The Catholic University of Korea, Seoul, South Korea, ³Ophthalmology, Seoul St. Mary’s Hospital, The Catholic University of Korea, Seoul, South Korea, ⁴Ophthalmology, ChunCheon Sacred Heart Hospital, Hallym University, ChunCheon, South Korea

T4 A Pilot Study to Test Effectiveness of Polylactic acid Sutures to Lift Periorbicular Region
Joseph Eviatar, Abrita Chowdhury, Alyssa Swearingen, Adrienne Cuccia, RN
OMNI Aesthetic MD, New York, New York, United States of America

T5 A two-institutional experience with non-image-guided bleomycin sclerotherapy for orbital lymphatic venous malformations
Catherine J. Choi¹, Zakeya Al-Sadah¹, Nathan Blessing¹, Don Kikkawa², Bradford Lee¹
¹Bascom Palmer Eye Institute/University of Miami, Miami, Florida, United States of America, ²Division of Oculofacial Plastic and Reconstructive Surgery, University of California San Diego, Shiley Eye Center, La Jolla, California, United States of America

T6 Acellular Porcine Dermal Collagen Implant for Eyelid Surgery: A Retrospective Series
Mark Lin, Marc Yonkers, Jeremiah Tao
UC Irvine Ophthalmology - GHEI, Irvine, California, United States of America

T7 Advancing the Diagnostics of Orbital and Periorbital Abscesses by a 16S Metagenomics Approach
Victoria Starks¹, Suzanne Freitag¹, Paulo Bispo², Michael Gilmour², Lora Glass¹
¹Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, United States of America, ²Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, United States of America

T8 Brow height asymmetry in the setting of eyelid ptosis
Justin Karlin¹, Robert Goldberg², Daniel Rootman²
¹Ophthalmology, University of Virginia, Charlottesville, Virginia, United States of America, ²Orbital and Ophthalmic Plastic Surgery, University of California, Los Angeles, Los Angeles, California, United States of America

T9 Cheek abscess as a late complication of calcium hydroxylapatite dermal filler injection
Catherine Y. Liu¹, Alisa Thavikulwat¹, Sirineen Muangsriri², Duangmontree Rojdamrongratana², Amjad Z. Ahmad¹
¹Ophthalmology, U of Illinois Eye and Ear Infirmary, Chicago, Illinois, United States of America, ²Ophthalmology, Thammasat University, Bangkok, Thailand

T10 ConjuntivoDacroCystoSinusotomy – A Modification of the Traditional CDCR Procedure
John Fezza, Oculoplastic Surgery, Center for Sight, Sarasota, Florida, United States of America

T11 Correlating Ophthalmology Residency Program Characteristics with Projected Comfort Level of Ophthalmology Residents in Performing Oculofacial Plastics Procedures
Samuel Long¹, Reid Mollman², Peter Timoney³, Jason Sokol²
¹University of Kansas School of Medicine, Kansas City, Kansas, United States of America, ²Ophthalmology, University of Kansas Medical Center, Kansas City, Kansas, United States of America, ³Ophthalmology, University of Kentucky Healthcare, Lexington, Kentucky, United States of America

T12 Demography and clinical presentations and management outcomes in congenital contracted sockets: an Indian study of 311 eyes
Tarjani Dave, Milind Naik
Ophthalmic Plastic Surgery Service, L V Prasad Eye Institute, Hyderabad, India
### Thursday Posters

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<th>T13</th>
<th>Effect of Blepharoplasty and Ptosis Repair on Dry Eye</th>
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<tr>
<td>Tiffany Chen¹, Carmel Mercado², Katie Topping³, Scott Lee⁴, Andrea Kossler⁵</td>
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<td>¹School of Medicine, Stanford University, Stanford, California, United States of America, ²Ophthalmology, Stanford University, Palo Alto, California, United States of America, ³Ophthalmic Plastics and Reconstructive Surgery, Stanford University, Palo Alto, California, United States of America, ⁴Veterans Administration Palo Alto Health Care System, Palo Alto, California, United States of America, ⁵Byers Eye Institute at Stanford, Stanford Health Care, Palo Alto, California, United States of America</td>
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<th>T14</th>
<th>Efficacy of Care for Blind Painful Eyes</th>
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<tr>
<td>Oluwatobi O. Idowu, Evan Kalin-Hajdu, Michael C. Ryan, Robert C. Kersten, M. Reza Vagefi</td>
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<td>Ophthalmology, University of California, San Francisco, California, United States of America</td>
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<th>T15</th>
<th>Evaluation of deoxycholic acid effect on the marginal mandibular nerve in fresh human cadavers</th>
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<tr>
<td>Alexander Blandford¹, Waseem Ansari¹, Thomas Plesec², Catherine Hwang³, Julian Perry¹</td>
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<tr>
<td>¹Cole Eye Institute, Cleveland Clinic Foundation, Cleveland, Ohio, United States of America, ²Surgical and Anatomic Pathology, Cleveland Clinic Foundation, Cleveland, Ohio, United States of America</td>
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<th>T16</th>
<th>Evaluation of history and physical exam as a means of predicting operative orbital fracture repair in pediatric facial trauma</th>
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<tr>
<td>Andrew Johnston, Rob Meek, Robert Vestal, E. Anne Shepherd, Edwin Gannon, Sarah Queck, Andrew Meador, Jensen Jason, Brian Fowler</td>
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<tr>
<td>¹Ophthalmology, University of Tennessee Health Science Center, Hamilton Eye Institute, Memphis, Tennessee, United States of America, ²University of Tennessee Health Science Center, Hamilton Eye Institute, Ophthalmology, Memphis, Tennessee, United States of America</td>
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<th>T17</th>
<th>Factors associated with protective eyewear adherence in monocular patients</th>
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<tr>
<td>Pimkwan Jaru-ampornpan, Prabha Narayanaswamy, David Musch, Victor Elner, Christine Nelson</td>
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<td>Ophthalmology and Visual Sciences, University of Michigan, Kellogg Eye Center, Ann Arbor, Michigan, United States of America</td>
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<th>T18</th>
<th>Fitting a Custom Prosthesis after Dermis Fat Graft Orbital Implants: A Survey of the American Society of Ocularists</th>
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<tr>
<td>Cat N. Burkat</td>
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<tr>
<td>University of Wisconsin - Madison, Oculoplastic, Orbital, &amp; Facial Cosmetic Surgery; Department of Ophthalmology &amp; Visual Sciences, Madison, Wisconsin, United States of America</td>
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<th>T19</th>
<th>Free fat Repositioning without a pedicle in Lower Lid Blepharoplasty</th>
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<tr>
<td>Ana Marina Torres¹, Angela Maria Dolmetsch²</td>
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<td>¹Departamento de Oculoplástica, Cirugía de Orbita y Vías Lagrimales, Instituto de Diagnóstico de La Plata, Argentina, ²Departamento de Oculoplastia, Vías Lagrimales y Orbita, Clínicas de Oftalmología de Cali, Cali, Colombia</td>
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<th>T20</th>
<th>Frequency of orbital fractures requiring surgical repair in a pediatric patient after trauma categorized by mechanism of trauma</th>
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<tr>
<td>Sarah Queck¹, Andrew Johnston¹, E. Anne Shepherd¹, Robert Vestal¹, Edwin Gannon¹, Robert Meek¹, Andrew Meador², Jensen Jason¹, Brian Fowler¹</td>
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<tr>
<td>¹Ophthalmology, University of Tennessee Health Science Center, Hamilton Eye Institute, Memphis, Tennessee, United States of America, ²University of Tennessee Health Science Center, Hamilton Eye Institute, Ophthalmology, Memphis, Tennessee, United States of America</td>
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<th>T21</th>
<th>Initial Experience with Emervel for Facial Volume Augmentation</th>
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<tr>
<td>Morris Hartstein, Yael Politi</td>
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<tr>
<td>Ophthalmology, Asaf Haorfeh Medical Center, Zerifin, Israel</td>
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<th>T22</th>
<th>Intrallesional Rituximab Injection In the Management of Conjunctival Mucosal-associated Lymphoma</th>
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<tr>
<td>Hakan Demirci, Ana Beatriz Diniz Grisolia, Victor Elner</td>
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<tr>
<td>Department of Ophthalmology and Visual Sciences, W.K. Kellogg Eye Center, University of Michigan, Ann Arbor, Michigan, United States of America</td>
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<th>T23</th>
<th>Isolated Orbital Paraganglioma</th>
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<tr>
<td>Andrew Johnston, Tara Goecks, Brian Fowler, Chris Fleming</td>
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<td>University of Tennessee, Memphis, Tennessee, United States of America</td>
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<th>T24</th>
<th>Lacrimal gland changes on orbital imaging after glaucoma drainage implant surgery</th>
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<tr>
<td>Sarah Jacobs¹, Raghuv Mudumbai¹, Arash Jian-Amadi¹²</td>
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<td>¹Department of Ophthalmology, University of Washington, Seattle, Washington, United States of America, ²Seattle Face and Skin, Seattle, Washington United States of America</td>
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<tr>
<th>T25</th>
<th>Likelihood of Orbital Roof Fractures Determined by Age and Mechanism of Trauma</th>
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<tr>
<td>E. Anne Shepherd, Robert Vestal, Jessica Ferrell, Andrew Johnston, Edwin Gannon, Sarah Queck, Robert Meek, Meador Andrew, Jason Jensen, Brian Fowler</td>
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<tr>
<td>Ophthalmology, University of Tennessee Health Science Center, Hamilton Eye Institute, Memphis, Tennessee, United States of America</td>
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Thursday Posters

T26  Local anesthesia medial canthoplasty via simplified trans-ethmoid fixation
Ivan Vrcek, Marie Somogyi, Tanuj Nakra  
TOC Eye and Face, Austin, Texas, United States of America

T27  Mantle cell lymphoma masquerading as thyroid eye disease
Leslie Neems, Sophie Liao  
Ophthalmology, University of Colorado School of Medicine, Aurora, Colorado, United States of America

T28  Medical Management of Congenital Ichthyosis with Cicatricial Ectropion
Sumeet Lahane, Santosh Honavar  
Ophthalmic Plastic Surgery and Ocular Oncology, Centre for Sight, Hyderabad, India

T29  Meta-analysis: The utility of Silicone Stents in Dacryocystorhinostomy
Edsel Ing1,2, Harleen Bedi1, Ahsen Hussain1, Helen Zakrewnski1, Navdeep Nijhawan1, Amal Al-Sayyed, Bryan Winn1  
1Ophthalmology, University of Toronto, Toronto, Ontario, Canada, 2Ophthalmology, Michael Garron Hospital, Toronto, Ontario, Canada

T30  Necrotizing orbital disease secondary to Streptococcus constellatus
Alberto Distefano, Emily Li, Mahsa Sohrab  
Ophthalmology, Yale School of Medicine, New Haven, Connecticut, United States of America

T31  Ocular Complications of Acoustic Neuroma Treatment: Surgical versus Radiotherapy
Neil Shah, Ian Kirchner, William Gange, David Yoo, Yasmin Shayesteh  
Ophthalmology, Loyola University Medical Center, Maywood, Illinois, United States of America

T32  Palpebral Suspension by Orbicularis Muscle in The Treatment of Blepharospasm. Case Report
Barbara Villanustre, Thierry Malet, Daniel Weil  
Hospital de Clinicas Jose de San Martin, Buenos Aires, Argentina

T33  Thyroid Eye Disease as the Harbinger of Papillary Thyroid Carcinoma
Oded Sagiv1, Thomas Kandl1, Sudip Thakar1, Bradley Thuro1, Maria Cabanillas2, Naifa Busaidy2, Ramona Dadu2, Jimenez Camilo2, Paul Graham3, Bita Esmaeli1  
1Orbital Oncology and Ophthalmic Plastic Surgery, Department of Plastic Surgery, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America, 2Department of Endocrine Neoplasia and Hormonal Disorders, Division of Internal Medicine, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America, 3Department of Surgery, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America

T34  Pathological Features and Clinical Course in Patients with Recurrent or Malignant Orbital Solitary Fibrous Tumor/Hemangiopericytoma
Oded Sagiv1, Hayek Brent2, Hee Joon Kim2, Vivian Yin3, Kailun Jiang3, Roman Shinder4, Sara Wester5, Tetzlaff Michael6,7, Bita Esmaeli1  
1Orbital Oncology and Ophthalmic Plastic Surgery, Department of Plastic Surgery, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America, 2Department of Ophthalmology, Emory University School of Medicine, Atlanta, Georgia, United States of America, 3Department of Ophthalmology and Visual Sciences, University of British Columbia, Vancouver, British Columbia, Canada, 4Department of Ophthalmology, SUNY Downstate Medical Center, Brooklyn, New York, United States of America, 5Bascom Palmer Eye Institute, University of Miami Miller School of Medicine, Department of Ophthalmology, Miami, Florida, United States of America, 6Department of Pathology, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America, 7Department of Translational and Molecular Pathology, The University of Texas MD Anderson Cancer Center, Houston, Texas, United States of America

T35  Perioperative blood thinners: Are patients aware they are routinely on blood thinners?
Mackenzie Harms1, Eric Kim1, Gabriela Espinoza2  
1Saint Louis University, Saint Louis, Missouri, United States of America, 2Ophthalmology, Saint Louis University, Saint Louis, Missouri, United States of America

T36  Periorbital Necrobiotic Xanthogranuloma Successfully Treated With IVIg
Rose Olson1, Andrew Harrison2, Amanda Maltry3, Ali Mokhtarzadeh2  
1University of Minnesota, Minneapolis, Minnesota, United States of America, 2Ophthalmology and Visual Neurosciences, University of Minnesota, Minneapolis, Minnesota, United States of America
Thursday Posters

**T37** Posterior auricularis muscle patch graft for exposed orbital implant
Catherine Y. Liu¹, Michael Sun¹, Scott Jones², Pete Setabutr³
¹Ophthalmology, U of Illinois Eye and Ear Infirmary, Chicago, Illinois, United States of America, ²Colorado Eye Institute, Colorado Springs, Colorado, United States of America, ³U of Illinois Eye and Ear Infirmary, Chicago, Illinois, United States of America

**T38** Potential risk factors in the development of involutional blepharoptosis
Benjamin Campbell¹, Fei Yu², Robert Goldberg³, Daniel Rootman³
¹Department of Ophthalmology, University of California, Los Angeles Stein Eye Institute, Los Angeles, California, United States of America, ²Department of Biostatistics, University of California, Los Angeles, Los Angeles, California, United States of America, ³Orbital and Ophthalmic Plastic Surgery, University of California, Los Angeles Stein Eye Institute, Los Angeles, California, United States of America

**T39** Predictive value of pre-operative periocular skin cancer surface area assessment for final Mohs defect size
Colette Jackson MD¹, Troy Gurney², Ronald Mancini MD¹
¹UT Southwestern Department of Ophthalmology, Dallas, Texas, United States of America, ²Dallas, Texas, United States of America

**T40** Presentation and Management of Rare Endocrine Mucin Producing Sweat Carcinomas – Case Series
Randy C. Bowen¹, Meisha Raven¹, Davasis Reddy¹,², Jacob Martin¹,², Courntey Kauh¹, Christopher Burris¹,², Maria Rodriguez¹,², Potter Heather¹, Daniel Albert¹, Mark Lucarelli¹
¹Department of Ophthalmology and Visual Sciences, University of Wisconsin, Madison, Wisconsin, United States of America, ²McPherson Eye Research Institute, Madison, Wisconsin, United States of America

**T41** Primary Cutaneous CD4+ Small-Sized Pleomorphic T-Cell Lymphoma
Ronald Kristan MD FACS¹,², Jon Kristan MD³, Joseph Kristan MD⁴
¹Ophthalmology, Clinical Assistant Professor Drexel University College of Medicine, Philadelphia, Pennsylvania, United States of America, ²Ophthalmology, Section Chief Monmouth Medical Center RWJ/Barnabas Health, Long Branch, New Jersey, United States of America, ³Ophthalmology, Rutgers-New Jersey Medical School, Newark, New Jersey, United States of America, ⁴Ophthalmology, Albert Einstein Medical Center, New York, New York, United States of America

**T42** Radiological Changes in Untreated Orbital Blow-out Fractures
Stephanie Ming Young¹, Yoon-Duck Kim², Han Byeol Jo³, Sang Wook Kim³, Kyung In Woo³
¹Department of Ophthalmology, National University Hospital, Singapore, ²Department of Ophthalmology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, South Korea, ³Samsung Medical Center, Seoul, South Korea

**T43** Rates of infection following delayed closure of periorbital Mohs defects
Marie Somogyi¹, Ivan Vrcek¹, Stephanie Lee, Vikram Durairaj¹, Emily Bratton¹, Sean Blaydon¹, Malena Amato, Nakra Tanuj³, John Shore¹
¹TOC Eye and Face, Austin, Texas, United States of America, ²Oculoplastic Surgery, TOC Eye and Face, Austin, Texas, United States of America

**T44** Reflexive Postoperative Imaging of Orbital Blowout Fracture Repair
Sara Francomarco¹, Jana Bregman², Kalpesh Vakharia³, Lawson Grumbine²
¹University of Maryland School of Medicine, Baltimore, Maryland, United States of America, ²Ophthalmology and Visual Sciences, University of Maryland School of Medicine, Baltimore, Maryland, United States of America, ³Otolaryngology, University of Maryland School of Medicine, Baltimore, Maryland, United States of America

**T45** Rituximab as First Line Treatment of IgG4-Related Orbital Disease
Arpine Barsegian¹, Mithra Gonzalez², Roman Shinder¹
¹Ophthalmology, SUNY Downstate Medical Center, Brooklyn, New York, United States of America, ²Ophthalmology, Oral and Maxillofacial Surgery, Otolaryngology, Oculoplastic and Orbital Surgery, Flaum Eye Institute, University of Rochester, Rochester, New York, United States of America

**T46** Sarcopenia and Blepharoptosis
Jessica Chang, Timothy McCulley
Ophthalmology, Wilmer Eye Institute, Baltimore, Maryland, United States of America

**T47** Sural to Infraorbital Nerve Neurotization to Restore Corneal Sensation: A Cadaveric Feasibility Study
Laura Huang, Katie Topping, Benjamin Erickson, Andrea Kossler
Department of Ophthalmology, Byers Eye Institute, Stanford University, Palo Alto, California, United States of America

**T48** Surgical Repair of Eyelid Lacerations Involving the Punctum and Vertical Canaliculus
Suzanne Van Landingham, Shannath Merbs, Nicholas Mahoney
Ophthalmology, Johns Hopkins Hospital, Baltimore, Maryland, United States of America
Thursday Posters

T49  The Effects of Orbital Decompression Surgical Approach on Lower Eyelid Position in Cases of Thyroid Eye Disease
Andrew Thorne, Daniel Rootman
Division of Orbital and Ophthalmic Plastic Surgery, Stein Eye Institute, University of California, Los Angeles, California, United States of America

T50  The Narrow-lumen Jones tube: A Novel Approach to Dry Eye Following Conjunctivodacryocystorhinostomy
Bradley Henriksen¹, Blake Perry², John Ng²
¹Ophthalmology, Casey Eye Institute, Oregon Health and Science University, Portland, Oregon, United States of America, ²Oculoplastics, Ophthalmology, Casey Eye Institute, Oregon Health and Science University, Portland, Oregon, United States of America

T51  The place for diuretics in the aesthetic management of eyelid edema
Michael I. Rothschild¹, Kristen E. Dunbar¹², Ashley A. Campbell¹², Richard D. Lism¹²
¹Ophthalmology, New York University School of Medicine, New York, New York, United States of America, ²Manhattan Eye, Ear & Throat Hospital, New York, New York, United States of America

T52  The treatment of neonatal and infantile dacryocystoceles and dacryocystitis with a nasal microdebrider: A surgical alternative to intranasal cyst marsupialization
Karen Revere¹², Lama Khatib¹, William Katowitz¹²

T53  Transconjunctival Triamcinolone Injection for Upper Lid Retraction in Thyroid Eye Disease
Stephanie Ming Young¹, Yoon-Duck Kim², Kyung In Woo²
¹Department of Ophthalmology, National University Hospital, Singapore, ²Department of Ophthalmology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, South Korea

T54  Treatment and dose response comparison in benign essential blepharospasm
Sara Reggie¹, Krishna Kalyam², John Holds¹
¹Ophthalmology, St. Louis University, St. Louis, Missouri, United States of America, ²Ophthalmology, Washington University, St. Louis, Missouri, United States of America

T55  Treatment of Chalazia Using a Monopolar Surface Radiofrequency Device
Joseph Eviatar, MD, Abrita Chowdhury, Alyssa Swearingen, Adrienne Cuccia, R.N.
OMNI Aesthetic MD, New York, New York, United States of America

T56  Use of a Filleted Temporoparietal Fascia Flap to Reconstruct Substantial Upper Eyelid Defects for the Treatment of Severe Lagophthalmos: An Underutilized Technique
Courtney Kauh, Cat N. Burkat, MD, FACS
University of Wisconsin - Madison, Oculoplastic, Orbital, and Facial Cosmetic Surgery; Department of Ophthalmology & Visual Sciences, Madison, Wisconsin, United States of America

T57  Visual outcomes of patients with retrobulbar hemorrhage undergoing lateral canthotomy/cantholysis
Lucy A Bailey¹²³, Alexandra van Brummen¹², Layla Ghergherehchi¹²³, Alice Z Chuang¹, Margaret E Phillips¹²³
¹Ruiz Department of Ophthalmology and Visual Science, McGovern Medical School at the University of Texas Health Science Center at Houston, Houston, Texas, United States of America, ²Memorial Hermann Texas Medical Center, Houston, Texas, United States of America, ³Cizik Eye Clinic, Houston, Texas, United States of America
F1 A complement to anterior lamellar reconstruction in acute injury: acellular porcine-derived urinary bladder matrix
Julian Tokarev, MD, Margaret L. Pfeiffer, MD, Karina Richani, MD, Margaret E. Phillips, MD
1Ruiz Department of Ophthalmology and Visual Science, The University of Texas Medical School at Houston, Houston, Texas, United States of America, 2Robert Cizik Eye Clinic, Houston, Texas, United States of America, 3Memorial Hermann–Texas Medical Center, Houston, Texas, United States of America

F2 A Survey of oculoplastic surgical training, fellowships and clinical practice in and around Europe
Jonathan Roos, Dan Georgescu
1Polar Skin & Oculoplastics Ltd, Newmarket, United Kingdom, 2Oculoplastic Institute, Bucharest, Romania

F3 Acquired Lacrimal Punctal Obliteration
Victoria Starks, Michael Yoon
Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, United States of America

F4 Adult orbital xanthogranulomatous disease associated with systemic IgG4 related disease: case study and literature review
Leslie Neems, Eric Hink, Sophie Liao
Ophthalmology, University of Colorado School of Medicine, Aurora, Colorado, United States of America

F5 Aesthetic Training in Ophthalmology Residency: a survey of program directors
Laiyin Ma, James Chelnis
Ophthalmology, New York Eye and Ear Infirmary of Mount Sinai, New York, New York, United States of America

F6 Anatomic Similarity of Bilateral Isolated Internal Orbital Fractures
Hung Chang Chen, Nicholas Mahoney
1Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Linkou, Taoyuan, Taiwan, 2Ophthalmology, Johns Hopkins Hospital, Baltimore, Maryland, United States of America

F7 Assessing the Accuracy of Eyelid Measurements Utilizing the Smartphone Image Processing System
Kunal Sinha, Amir Yeganeh, Daniel Roothman
1David Geffen School of Medicine at UCLA, Los Angeles, California, United States of America, 2Northeast Ohio Medical University, Rootstown, Ohio, United States of America, 3Division of Orbital and Ophthalmic Plastic Surgery, Stein Eye Institute, University of California, Los Angeles, California, United States of America, 4Division of Orbital and Ophthalmic Plastic Surgery, Doheny Eye Institute, University of California, Los Angeles, California, United States of America

F8 Compound Coherent Plane-Wave Ultrasound (CCPU) Imaging of Anterior Vascular Malformations in the Orbit
Ashley A. Campbell, Raksha Urs, Ronald H. Silverman, Michael Kazim
1Department of Ophthalmology, Columbia University Medical Center, New York, New York, United States of America, 2Department of Ophthalmology, Manhattan Eye, Ear and Throat Infirmary, New York, New York, United States of America, 3F.L. Lizzi Center for Biomedical Engineering, Riverside Research, New York, New York, United States of America

F9 Cone Beam Computerised Tomomography Dacryosytography (CBCT DCG) for the evaluation of lacrimal drainage obstruction
Hamzah Mustak, Robert Goldberg, Ben Campbell, Daniel Roothman
1Ophthalmology / Oculoplastic Surgery, University of California, Los Angeles, California, United States of America, 2Ophthalmology, University of Cape Town, Cape Town, Saskatchewan South Africa, 3Oculoplastic Surgery, University of California, Los Angeles, California, United States of America, 4Ophthalmology, University of California, Los Angeles, California, United States of America

F10 Defining the pediatric conjunctival fornix: an anthropometric study
Ahsen Hussain, Dan DeAngelis, Asim Ali
Department of Ophthalmology and Vision Sciences, University of Toronto, Toronto, Ontario, Canada

F11 Delayed Branch Retinal Artery Occlusion with Subhyaloid Hemorrhage after Hyaluronic Acid Filler Injection
Andrew Anzeljc, Hee Joon Kim, Ted Wojno, Brent Hayek
Ophthalmology, Emory University School of Medicine, Atlanta, Georgia, United States of America

F12 Does Exophthalmos Protect Against Compressive Disease? A Clinical and Anatomic Investigation
Tavish Nanda, Kristen Dunbar, Ashley Campbell, Ryan Bathras, Michael Kazim
1Harkness Eye Institute, New York, New York, United States of America, 2Columbia University, New York, New York, United States of America
Friday Posters

F13 Economic Impact of Pediatric Orbital Floor Fractures: A National Perspective
Viraj Mehta1, Qingxia Chen2, Louise Mawn1, Elizabeth Bradley3
1 Ophthalmology, Vanderbilt Eye Institute, Nashville, Tennessee, United States of America, 2 Biostatistics, Vanderbilt University Medical Center, Nashville, Tennessee, United States of America, 3 Department of Ophthalmology, Mayo Clinic, Rochester, Minnesota, United States of America

F14 Effect of botulinum toxin-A in the upper eyelid kinematics in patients with facial dystonias
Tammy Hentona Osaki1, Midori Hentona Osaki1, Teissy Osaki1, Denny Garcia2, Rubens Belfort Jr1, Antonio Augusto Cruz2
1 Department of Ophthalmology and Visual Sciences, Federal University of Sao Paulo - UNIFESP/ EPM, Sao Paulo, Brazil, 2 Department of Ophthalmology, School of Medicine, University of Sao Paulo, FMUSP-RP, Ribeirao Preto, Brazil

F15 Effects of Orbital Decompression on Intraocular Pressure in Graves Orbitopathy
Merryl Terry1, Robert Null1, Peter Timoney2, Jason A Sokol1
1 Ophthalmology, University of Kansas, Kansas City, Kansas, United States of America, 2 Ophthalmology, University of Kentucky, Louisville, Kentucky, United States of America

F16 Epidemiologic and anatomic features of the most common skin cancers of the head and neck: a 16-year retrospective review
Justin Karlin1, Mark Russell2, Maria Kirzhner3
1 Ophthalmology, University of Virginia, Charlottesville, Virginia, United States of America, 2 Dermatology, University of Virginia, Charlottesville, Virginia, United States of America, 3 Oculoplastic and Orbital Surgery, University of Virginia, Charlottesville, Virginia, United States of America

F17 Experience with Navigation Systems and Training Surgeons in the Orbit
Mark Prendes1,2, William Nunery1,2,3, Peter Timoney4, Christopher Compton1, H.B. Harold Lee1,2,3
1 University of Louisville, Department of Ophthalmology and Visual Sciences, Louisville, Kentucky, United States of America, 2 Oculofacial Plastic and Orbital Surgery, Indianapolis, Indiana, United States of America, 3 Indiana University School of Medicine, Department of Ophthalmology, Indianapolis, Indiana, United States of America, 4 Ophthalmology, Wilmer Eye Institute, Baltimore, Maryland, United States of America

F18 Facial filler self-injection: A patient safety issue in the internet age
Nicole Langelier1, Julie Woodward1,2
1 Department of Ophthalmology, Duke University Medical Center, Durham, North Carolina, United States of America, 2 Department of Dermatology, Duke University Medical Center, Durham, North Carolina, United States of America

F19 Globe-sparing Treatment of Invasive Orbital Aspergillosis in a Pediatric Patient with Acute Lymphoblastic Leukemia
Lilly Wagner1,2, Stuart Seiff1,2
1 Ophthalmology, California Pacific Medical Center, San Francisco, California, United States of America, 2 Ophthalmology, University of California, San Francisco, California, United States of America

F20 Grafts from Flaps: Expanding the Use of a Surgical Technique
Michael Rabinowitz, Renelle Lim Oculoplastics and Orbital Surgery, Wills Eye Hospital, Philadelphia, Pennsylvania, United States of America

F21 Hyaluronic Acid for Orbital and Periocular Inflammation
Uswioma Abogo1, Kimberly Cockerham1,2
1 Ophthalmology, Central Valley Eye Medical Group, Stockton, California, United States of America, 2 Ophthalmology, Stanford University, Palo Alto, California, United States of America

F22 IgG4-related ophthalmic disease (IgG4-ROD) in Hong Kong lessons from the first 10 years
Kelvin Kam-lung Chong1,2, Yien-ching Regine Chan2, Emmy Li3, Paul Choi4, Alvin Young5, Hunter Yuen1, Joyce Chin2
1 Ophthalmology and Visual Science, The Chinese University of Hong Kong, Hong Kong, 2 Ophthalmology and Visual Science, Prince of Wales Hospital, Hong Kong, 3 Hong Kong Eye Hospital, Hong Kong, 4 Hong Kong Eye Hospital, Hong Kong, 5 Anatomical and Cellular Pathology, Prince of Wales Hospital, Hong Kong

F23 In Office Marsupialization of Lacrimal Ductular Cysts (Dacryops) Using Local Anesthesia
Arpine Barsegian1, Tanju Nakra2, Roman Shinder1
1 Ophthalmology, SUNY Downstate Medical Center, Brooklyn, New York, United States of America, 2 Oculoplastic Surgery, Texas Oculoplastic Consultants, Austin, Texas, United States of America

F24 Intracranial Hypotension Related Bony Remodeling of the Orbit and Sinuses with Optic Atrophy
Jessica R. Chang, Hung Chang Chen, Nicholas Mahoney, Timothy McCulley Ophthalmology, Wilmer Eye Institute, Baltimore, Maryland, United States of America
Friday Posters

F25 Intravascular Papillary Endothelial Hyperplasia of the Periocular Region
Leon Rafailov¹, Neena Mirani¹,², Paul Langer¹
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F26 Ischemic Complications of Hyaluronic Acid Filler Injections
Cynthia Boxrud¹, Cat N. Burkat², Connor King, Alexandra Nguyen
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F27 Balloon Lacrimal Catheter Sequential Dilation for Canaliculal Stenosis
Christopher Lo¹, Ashley Campbell¹,², Kristen Dunbar¹,²,³, Richard Lisman¹,²,³
¹Department of Ophthalmology, NYU, New York, New York, United States of America, ²Institute of Reconstructive Plastic Surgery, NYU, New York, New York, United States of America, ³Department of Ophthalmology, Manhattan Eye, Ear, and Throat Hospital, New York, New York, United States of America

F28 Lacrimal drainage obstruction and gastroesophageal reflux disease: a nationwide longitudinal cohort study
JaeSang Ko², Tyler Rim, Jin Sook Yoon
Department of Ophthalmology, Institute of Vision Research, Yonsei University College of Medicine, Seoul, South Korea

F29 Lymphatic Drainage Patterns in Sentinel Lymph Node Biopsy for Eyelid and Conjunctival Malignancies
Seanna Grob¹,², Francis Creighton³, N Grace Lee³
¹Oculoplastic Surgery, Massachusetts Eye and Ear, Boston, Massachusetts, United States of America, ²Oculoplastic Surgery, University of California, Irvine, California, United States of America, ³Radiology, Massachusetts General Hospital, Boston, Massachusetts, United States of America

F30 Malar festoons after tear trough filler: a survey of ASOPRS members and their experience with the incidence and treatment thereof
Michael I. Rothschild¹, Christopher Lo¹, Kristen E. Dunbar¹,², Ashley A. Campbell¹,², Richard D. Lisman¹,²
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F31 Medial Buttressing in Orbital Blowout Fractures
Sathyadeepak Ramesh, Christine Bokman, Robert Goldberg, Daniel Rootman
Department of Ophthalmology, UCLA - Stein Eye Institute, Los Angeles, California, United States of America

F32 Nasal-Insert Transrotational Cheek Flap for Mid-Facial Reconstruction
Philip Custer, Robi Maamari
Department of Ophthalmology and Visual Sciences, Washington University School of Medicine, St. Louis, Missouri, United States of America

F33 Orbital Dirofilariosis Masquerading Orbital Rhabdomyosarcoma
Farzad Pakdel, Hadi Ghadimi, Fahimeh Asadi Amoli, Zohre Nozarian, Niloofer Pirmarzdashty, Abolfazl Kassae
Ophthalmic Plastic & Reconstructive Surgery Department, Farabi Hospital, Tehran University of Medical Sciences, Tehran, Iran

F34 Outcomes of Intravenous Methylprednisolone Pulse Therapy and Immunomodulation in Non-specific Orbital Inflammatory Disease
Abhilasha Maheshwari, Santosh Honavar
Ophthalmic Plastic Surgery and Ocular Oncology, Centre for Sight, Hyderabad, India

F35 Outcomes of ptosis surgery in patients with monocular elevation deficit (MED)
Tarjani Dave, Milind Naik
Ophthalmic Plastic Surgery Service, L V Prasad Eye Institute, Hyderabad, India

F36 Periocular allergic, atopic and irritant dermatitis at an academic institution: A retrospective review
Saagar Pandit¹,², Bryan Winn², Lora Dagi-Glass³
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F37 Personalized Medicine in Oculofacial Surgery: Made-To-Order Cast Molds in Orbital Reconstruction
Natalie Chung¹, Audrey Ko¹, Patrick Yang¹, Bobby Korn¹,², Don Kikkawa¹,²
¹Division of Oculofacial Plastic Surgery and Department of Ophthalmology, UC San Diego, La Jolla, California, United States of America, ²Division of Plastic Surgery and Department of Surgery, UC San Diego, La Jolla, California, United States of America
Friday Posters

F38 Pilomatrixomas presenting in two siblings
Cat N. Burkat, Jacob S. Martin, Devasis N. Reddy
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F39 Polymerization and Degradation Properties of Commercial Hyaluronic Acid Dermal Fillers
Joshua Karam¹, Robel Dagnew¹, Alireza Sohrabi², Daniel Rootman², Stephanie Seidlits¹
¹Department of Bioengineering, Henry Samueli School of Engineering and Applied Sciences, University of California, Los Angeles, California, United States of America, ²Division of Orbital and Ophthalmic Plastic Surgery, Doheny and Stein Eye Institutes, University of California, Los Angeles, California, United States of America

F40 Post Ptosis Repair Change in Lash Ptosis and Lower Eyelid Retraction Associated with Unilateral Myogenic and Aponeurotic Blepharoptosis; A Prospective Controlled Comparative Study
Mohsen Kashkouli, Anahita Amirsardari, Parya Abdolalizadeh, Maria Sharepour
Eye Research Center, Rassoul Akram Hospital, Iran University of Medical Sciences, Tehran, Iran

F41 Ptosis Repair Surgery for Myasthenia Gravis
Caroline Vargason, Jeffrey Nerad
Cincinnati Eye Institute, Cincinnati, Ohio, United States of America

F42 Quantitative assessment of dry eye parameters after Mullers muscle-conjunctival resection
Sana Bautista¹, Robert Schultze¹, Edward Wladis¹,²,³
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F43 Radiographic Course of Medically-Managed Pediatric Orbital Subperiosteal Abscess
Matthew Cossack, Samantha Herretes, Abdourahman Cham, Matthew Sniegowski, David Lyon
Ophthalmology, University of Missouri-Kansas City, Kansas City, Missouri, United States of America

F44 Serpentine Soft Set Asian Eyelid Crease Formation
Marie Somogyi, Ivan Vrcek, Tanuj Nakra
TOC Eye and Face, Austin, Texas, United States of America

F45 Setting the Record Straight: Exodeviations are an Underappreciated Form of Strabismus in Thyroid Eye Disease
Yao Wang¹, Pradeep Mettu², Kevin Firl³, Phillip Radke¹, Collin McClelland¹, Ali Mokhtarzadeh¹, Michael Lee¹,²,⁵, Harrison Andrew¹,⁶
¹Department of Ophthalmology and Visual Neurosciences, University of Minnesota Medical School, Minneapolis, Minnesota, United States of America, ²Raleigh Ophthalmology, Raleigh, North Carolina, United States of America, ³University of Minnesota Medical School, Minneapolis, Minnesota, United States of America, ⁴Department of Neurology, University of Minnesota Medical School, Minneapolis, Minnesota, United States of America, ⁵Department of Neurosurgery, University of Minnesota Medical School, Minneapolis, Minnesota, United States of America, ⁶Department of Otolaryngology, University of Minnesota Medical School, Minneapolis, Minnesota, United States of America

F46 Sulcus reformation for preaponeurotic fat prolapse following levator resection for congenital ptosis
Andrea Tooley, Brian Mohney, Pradeep Mettu, Elizabeth Bradley
Ophthalmology, Mayo Clinic, Rochester, Minnesota, United States of America

F47 Technique and Results of Permanent Medial Tarsorrhaphy For Complex Eyelid Malposition
Kira L. Segal, Susan G. Elner, Victor M. Elner
Kellogg Eye Center, Ann Arbor, Michigan, United States of America

F48 Temporal fat pad volume in patients with Thyroid Associated Orbitopathy
Maria M. Choudhary¹, Scott Johnson², Rao V. Chundury³, Catherine J. Hwang⁴, Julian D. Perry⁴
¹Center for Facial Appearances, Sandy, Utah, United States of America, ²Radiology, Cleveland Clinic, Cleveland, Ohio, United States of America, ³Ophthalmology, Glick Eye Institute, Indiana University, Indianapolis, Indiana, United States of America, ⁴Cole Eye Institute, Cleveland Clinic, Cleveland, Ohio, United States of America

F49 The Aesthetic Oculofacial Plastic Telemedicine Consult
Chistopher Hwang¹, Kian Eftekhar¹, Robert Schwarcz², Guy Massry¹,²
¹Department of Ophthalmology, University of North Carolina, Chapel Hill, North Carolina, United States of America, ²Department of Ophthalmology, Mount Sinai Hospital, New York, New York, United States of America, ³Department of Ophthalmology, University of Southern California, Los Angeles, California, United States of America, ⁴Beverly Hills Ophthalmic Plastic Surgery, Beverly Hills, California, United States of America
Friday Posters

F50 The Incidence of First Pass Negative Histopathologic Margins for Eyelid Basal Cell Carcinoma with Full-Thickness Resection
Giancarlo Garcia, Christine Nguyen, Marc Yonkers, Don Minckler, Jeremiah Tao
UC Irvine Ophthalmology - GHEI, Irvine, California, United States of America

F51 The No-Touch Plus Technique for Repair of Cicatricial Entropion in Ocular Cicatricial Pemphigoid
Grant Moore, Richard Anderson, Thomas Oberg
Ophthalmic Plastic and Reconstructive Surgery, AO Surgical Arts, Salt Lake City, Utah, United States of America

F52 Therapy of Dacryoliths under Radiologic Guidance.
Ulrich Lachmund, Mohammad Javed Ali, Kai Wilhelm, Cat N. Burkat
1University of Zurich, Institute of Neuroradiology, Zurich, Switzerland, 2Govindram Seksaria Institute of Dacryology, L.V. Prasad Eye Institute, Hyderabad, India, 3Radiology, Johanniter Hospital, Bonn, Germany, 4University of Wisconsin - Madison, Oculoplastic, Orbital, & Facial Cosmetic Surgery; Department of Ophthalmology & Visual Sciences, Madison, Wisconsin, United States of America

F53 Thyroid Eye Disease Presenting with Hypertropia and Predominant Superior Rectus Enlargement
Zakeya Al-Sadah, Ann Tran, Nathan Blessing, Sara Wester, Bradford Lee
1Oculoplastic and reconstructive surgery, Bascom Palmer Eye Institute, University of Miami, Miami, Florida, United States of America, 2Ophthalmology, Bascom Palmer Eye Institute, University of Miami, Florida, United States of America

F54 Transitioning from a Gold Weight to a Palpebral Spring in the Management of Paralytic Lagophthalmos Secondary to Facial Nerve Palsy
George Salloum, Robert Hill III, Bryant Carruth, Craig Czyz, Thomas Bersani
Ophthalmology, SUNY Upstate Medical Center, Syracuse, New York, United States of America

F55 Vaso-occlusive infarction of the lateral orbital wall: a rare entity
Eubee Koo, Nathan Blessing, Zakeya Al-Sadah, Chris Alabiad
Ophthalmology, Bascom Palmer Eye Institute, University of Miami, Miami, Florida, United States of America

F56 Venous Malformation With Intravascular Papillary Endothelial Hyperplasia (Massons Tumor) of the Temporalis Muscle
Alexander Dillon, Ivan Vrcek, Marie Somogyi, Mark Silberman, Tanuj Nakra
Ophthalmology, Weill Cornell/New York Presbyterian, New York City, New York, United States of America, 2Texas Oculoplastic Consultants (TOC) Eye and Face, Austin, Texas, United States of America, 3Clinical Pathology Laboratories, Austin, Texas, United States of America

F57 Vitamin D Deficiency in Thyroid Eye Disease
Aliza Epstein, Kathryn Winkler, Marlene Azar, Dianne Schlachter
1Ophthalmology, Kresge Eye Institute/Wayne State University, Detroit, Michigan, United States of America, 2Oculoplastics, Consultants in Ophthalmic and Facial Plastic Surgery, Southfield, Michigan, United States of America, 3Oculoplastics, Kresge Eye Institute/Wayne State University, Detroit, Michigan, United States of America, 4School of Medicine, Wayne State University School of Medicine, Detroit, Michigan, United States of America, 5Oculoplastics, Beaumont Eye Institute/Oakland University School of Medicine, Royal Oak, Michigan, United States of America
Videos

Aesthetic Videos

AV1 Combination Therapy Approach to Tear Trough Deformities and Under Eye Appearance using Micro-Focused Ultrasound and Cohesive Polydensified Matrix Hyaluronic Acid Filler
Sheila Barbarino1,2, Wendy Lee3
1Sheila Barbarino, MD, Austin, Texas, United States of America, 2Barbarino Surgical Arts, Hermosa Beach, California, United States of America, 3OculoFacial Plastics, Bascom Palmer, Miami, Florida, United States of America

AV2 Evisceration techniques: from the known skills to the emerging caveats
Tarjani Dave, Milind Naik
Ophthalmic Plastic Surgery Service, L V Prasad Eye Institute, Hyderabad, India

AV3 Temporal Wasting Correction: How Much of a Difference Can It Make in Perceived Age?
Sheila Barbarino1,2, Wendy Lee3
1Sheila Barbarino, MD, Austin, Texas, United States of America, 2Barbarino Surgical Arts, Hermosa Beach, California, United States of America, 3OculoFacial Plastics, Bascom Palmer, Miami, Florida, United States of America

AV4 The Pre-Aponeurotic Fat Advancement Pedicle for Correction of Upper Eyelid Volume Asymmetry
David B Samimi1,2
1Oculofacial Plastic Surgery, Eyesthetica, Los Angeles, California, United States of America, 2Oculofacial Plastic Surgery, USC Roski Eye Institute, Los Angeles, California, United States of America

Eyelid Disorder Videos

EV1 “WD-40 Effect”: Permanent resolution of involutional ptosis with a single drop of 2.5% phenylephrine
Luke Dolezal1, Peter Timoney2, Jason Sokol3
1Ophthalmology, University of Kansas, Prairie Village, Kansas, United States of America, 2Ophthalmology, University of Kentucky, Lexington, Kentucky, United States of America, 3Oculofacial Plastic Surgery, USC Roski Eye Institute, Los Angeles, California, United States of America

EV2 A novel device for minimally invasive eyebrow ptosis correction
Mica Bergman1,2, Sandy Zhang-Nunes2, Michael Burnstine1,2
1Eyesthetica, Los Angeles, California, United States of America, 2USC Roski Eye Institute, Los Angeles, California, United States of America

EV3 A novel technique for the repair of floppy eyelid syndrome utilising a local peristomal rotation flap
Anna Waldie1, Ian Francis2, Minas Coroneo2, Geoffrey Wilcek2
1Department of Ophthalmology, Royal North Shore Hospital, Sydney, Australia, 2Department of Ophthalmology, Prince of Wales Hospital, Sydney, Australia

EV4 Application of the Levator Palpebrae Superioris Aponeurosis and its functional significance: a cadaveric study
Viren Rana1, Jason Sokol2, Peter Timoney, Jemshed Khan
1Division of Clinical Anatomy, Kansas City University of Medicine, Kansas City, Missouri, United States of America, 2Oculofacial Plastic and Orbital Surgery, University of Kansas Medical Center, Kansas City, Kansas, United States of America

EV5 Bladeless and Bloodless Radiofrequency-assisted Excision of an Eyelid Kissing Nevus
Sumeet Lahane, Santosh Honavar
Ophthalmic Plastic Surgery and Ocular Oncology, Centre for Sight, Hyderabad, India

EV6 Bridge the Gap — Cutler-Beard Technique Made Simple
Abhilasha Maheshwari, Santosh Honavar
Ophthalmic Plastic Surgery and Ocular Oncology, Centre for Sight, Hyderabad, India

EV7 Cadaveric Presence and Morphological variation in the Inferior Tarsal Muscle
Viren Rana1, Jemshed Khan1, Peter Timoney2, Jason Sokol3
1Kansas City, Missouri, United States of America, 2Lexington, Kentucky, United States of America, 3Kansas City, Kansas, United States of America

EV8 Epidemiologic patterns of oculofacial disorders as reflected in large internet search databases
Natalie Homer1,2, Logan Wolford3, Aaron Fay1,2, John Nguyen1,4
1Ophthalmology, Massachusetts Eye & Ear Infirmary, Boston, Massachusetts, United States of America, 2Ophthalmology, Harvard Medical School, Boston, Massachusetts, United States of America, 3Ophthalmology, West Virginia University, Morgantown, West Virginia, United States of America, 4Otolaryngology, West Virginia University, Morgantown, West Virginia, United States of America

EV9 Fasanella-Servat Procedure Revisited
Puneet Jain, Santosh Honavar
Ophthalmic Plastic Surgery and Ocular Oncology, Centre for Sight, Hyderabad, India
EV10 Hughes Procedure for Eyelid Reconstruction Tips and Tricks
Sumeet Lahane, Santosh Honavar
Ophthalmic Plastic Surgery and Ocular Oncology, Centre for Sight, Hyderabad, India

EV11 Levator hangback technique for predictable titratable lift during ptosis repair
Sarah Jacobs¹, Connor Tarbet², Solomon Shaftel³, Kristin Tarbet⁴
¹Department of Ophthalmology, University of Washington, Seattle, Washington, United States of America, ²Bellevue, Washington, United States of America, ³Department of Ophthalmology, Southern California Permanente Medical Group, San Diego, California, United States of America, ⁴Kristin J. Tarbet Cosmetic and Reconstructive Surgery, Bellevue, Washington, United States of America

EV12 Levator Palpebrae Superioris Reinsertion in Acquired Aponeurotic Ptosis Revisited
Sonal Chaugule, Santosh Honavar
Ophthalmic Plastic Surgery and Ocular Oncology, Centre for Sight, Hyderabad, India

EV13 Lower Eyelid Movement in Downgaze
Sanjai Jalaj, Bryan Winn, Lora Dagi Glass
Ophthalmology, Columbia University, New York, New York, United States of America

EV14 Minimally-invasive ultrasonic bone aspirator-assisted temporalis tendon transfer for facial reanimation in patients with facial nerve palsy
Natalie Homer¹, Jean-Paul Abboud², John Nguyen²
¹Department of Ophthalmology, Massachusetts Eye and Ear Infirmary - Harvard Medical School, Boston, Massachusetts, United States of America, ²Department of Ophthalmology, West Virginia University, Morgantown, West Virginia, United States of America

EV15 Modified Quickert Procedure for Mild to Moderate Epiblepharon
Stephanie Ming Young¹, Yoon-Duck Kim², Soo Min Lee³, Kyung In Woo⁴
¹Department of Ophthalmology, National University Hospital, Singapore, ²Department of Ophthalmology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, South Korea, ³Department of Ophthalmology, Samsung Medical Center, Seoul, South Korea

EV16 Preoperative and Postoperative Blepharoplasty patients evaluated with Image Averaging
Joseph Armenia¹, Katherine Orman², Matt Vicinanzo³, John Long⁴
¹University of Alabama at Birmingham, Alabama Ophthalmology Associates, Birmingham, Alabama, United States of America, ²University of Alabama at Birmingham, Birmingham, Alabama, United States of America

EV17 Readability of online patient education materials in ophthalmic plastic surgery
Emily Witsberger¹, Tudor Crihalmeanu², Steven Fish³, Benjamin Stephens⁴, Aaron Fay⁵, John Nguyen⁶
¹School of Medicine, West Virginia University, Morgantown, West Virginia, United States of America, ²West Virginia University Hospital, Morgantown, West Virginia, United States of America, ³Ophthalmology, West Virginia University, Morgantown, West Virginia, United States of America, ⁴Ophthalmology, Harvard Medical School, Boston, Massachusetts, United States of America, ⁵Otolaryngology, West Virginia University, Morgantown, West Virginia, United States of America

EV18 Swallow-Induced Eyelid Myokymia: A Novel Synkinesis Syndrome
Gregory J. Griepentrog¹, Amrita-Amanda D. Lakraj², Ryan D. Walsh³
¹Department of Ophthalmology & Visual Sciences, Section of Orbital and Ophthalmic Plastic Surgery, Medical College of Wisconsin, Milwaukee, Wisconsin, United States of America, ²Department of Neurology, Medical College of Wisconsin, Milwaukee, Wisconsin, United States of America, ³Department of Ophthalmology & Visual Sciences, Medical College of Wisconsin, Milwaukee, Wisconsin, United States of America

EV19 The effect of patient-selected music on anxiety and pain during ophthalmic plastic surgery
Masih Ahmed¹, Natalie Homer², Scott Goldstein⁴, Aaron Fay², Morris Hartstein⁴, Andrew Ollerton¹, Jean-Paul Abboud⁴, Sivak-Callcott Jennifer¹, John Nguyen¹
¹Department of Ophthalmology, West Virginia University, Morgantown, West Virginia, United States of America, ²Ophthalmology, Massachusetts Eye & Ear Infirmary, Boston, Massachusetts, United States of America, ³Ophthalmology, Harvard Medical School, Boston, Massachusetts, United States of America, ⁴Wills Eye Hospital, Philadelphia, Pennsylvania, United States of America, ⁵Ophthalmology, Jefferson University Hospital, Philadelphia, Pennsylvania, United States of America, ⁶Ophthalmology, Assaf Harofeh Medical Center, Herzliya, Israel, ⁷West Virginia University, Ophthalmology, Morgantown, West Virginia, United States of America, ⁸Otolaryngology, West Virginia University, Morgantown, West Virginia, United States of America

EV20 The ocular surface parameters following eyelid-retraction repair in thyroid eye disease patients
Justin Harvey¹, Masih Ahmed², John Nguyen²,³
¹School of Medicine, West Virginia University, Morgantown, West Virginia, United States of America, ²Ophthalmology, West Virginia University, Morgantown, West Virginia, United States of America, ³Otolaryngology, West Virginia University, Morgantown, West Virginia, United States of America
EV21  Topical phenylephrine in the treatment of periorbital edema secondary to immunotherapy
Emily Li1, Navid Hafez2, Alberto Distefano1, Mahsa Sohrab3
1Ophthalmology, Yale University School of Medicine, New Haven, Connecticut, United States of America, 2Oncology, Yale University School of Medicine, New Haven, Connecticut, United States of America

EV22  Trends in Ophthalmic Plastic and Reconstructive Surgery Procedures Among Medicare Fee-for-Service Beneficiaries
Paula Feng1, Elizabeth Bradley2
1Department of Ophthalmology and Visual Science, Yale University School of Medicine, New Haven, Connecticut, United States of America, 2Department of Ophthalmology, Mayo Clinic, Rochester, Minnesota, United States of America

EV23  Two staged median forehead flap for repair of extensive eyelid defect
Sumeet Gupta, Jean-Paul Abboud, Jennifer Sivak-Callcott
Department of Ophthalmology, West Virginia University, Morgantown, West Virginia, United States of America

EV24  Unique eyelid presentation of IgG4 positive adult-onset xanthogranuloma in a patient without asthma
Krishna Patel1, Paul Phelps2
1Ophthalmology, John H Stroger Hospital of Cook County, Chicago, Illinois, United States of America, 2Ophthalmology, Albany Medical College, Albany, New York, United States of America

Lacrimal Videos

LV1  A very easy “no fixation, no prolapse method” for bicanalicular nasolacrimal silicone intubation
Pelin Kaynak1, Can Öztürker2, Gamze Karabulut3, Ahmet Demirok14
1OPRS Division, Rufus Eye Microsurgery Center, Istanbul, Turkey, 2OPRS Division, Beyoglu Eye Research Hospital, Istanbul, Turkey, 3Beyoglu Eye Research Hospital, Istanbul, Turkey, 4Ophthalmology Dept, Istanbul Medeniyet Univ Medical School, Istanbul, Turkey

LV2  Lacrimal Outflow Obstruction in Radioactive Iodine Treatment for Pediatric Thyroid Carcinoma and Hyperthyroidism
Jeremy Tan123, Cahill Kenneth34, Jill Foster123, Cameron Naby134, Daniel Straka123, Craig Czyz56
1Ophthalmology/Oculoplastics, Ophthalmic Surgeons and Consultants of Ohio, Columbus, Ohio, United States of America, 2Ophthalmology, Nationwide Children’s Hospital, Columbus, Ohio, United States of America, 3Ophthalmology, Ohio State University, Columbus, Ohio, United States of America, 4Ophthalmology, Ophthalmic Surgeons and Consultants of Ohio, Columbus, Ohio, United States of America, 5Section Oculofacial Plastic and Reconstructive Surgery, Ohio University/Doctor’s Hospital, Columbus, Ohio, United States of America, 6Department of Ophthalmology/Department of Oral and Maxillofacial Surgery, OhioHealth Grant Medical Center, Columbus, Ohio, United States of America

OV1  3D printed aesthetic and affordable customized orbital implants: technology that bridges the gaps
Tarjani Dave, Milind Naik
Ophthalmic Plastic Surgery Service, LV Prasad Eye Institute, Hyderabad, India

OV2  A Photo and Video Montage of Postoperative Healing Following Dermal Regeneration Template, including Wound Care Tips from the Patient Perspective
Cat N. Burkat
University of Wisconsin - Madison, Oculoplastic, Orbital, & Facial Cosmetic Surgery; Department of Ophthalmology & Visual Sciences, Madison, Wisconsin, United States of America
Videos

**OV3** Analysis of ethmoidal foramina variability amongst racial populations: a cadaveric study
Viren Rana, Jemshed Khan, Peter Timoney, Jason Sokol
Anatomy Department, Kansas City University of Medicine, Kansas City, Missouri, United States of America

**OV4** Corneal neurotization with processed nerve allograft: technique and initial experience
Ilya Leyngold1, Christopher Weller1, Mark Leyngold2
1Duke University School of Medicine, Durham, North Carolina, United States of America, 2Surgery, University of Florida College of Medicine, Gainesville, Florida, United States of America

**OV5** Endoscopic assisted versus orbitotomy orbital decompression in thyroid eye disease
Kathryn Winkler1,2, Aliza Epstein3, Marlene Azar4, Matthew Rontal5, Dianne Schlachtcher1,6
1Oculoplastics, Consultants in Ophthalmic and Facial Plastic Surgery, Southfield, Michigan, United States of America, 2Oculoplastics, Kresge Eye Institute/Wayne State University, Detroit, Michigan United States of America, 3Ophthalmology, Kresge Eye Institute/Wayne State University, Detroit, Michigan United States of America, 4School of Medicine, Wayne State University School of Medicine, Detroit, Michigan, United States of America, 5Otolaryngology, The Rontal Clinic, Farmington Hills, Michigan, United States of America, 6Oculoplastics, Beaumont Eye Institute/Oakland University School of Medicine, Royal Oak, Michigan, United States of America

**OV6** Endoscopic, Intraorbital Biopsy of an Orbital Apex Tumefactive Fibroinflammatory Lesion (TFL)
Roxana Fu1, Enoch Kassa2, Sarah Drejet2, Devin Mackay2, Jonathan Ting1, William Nunery1, Hui Bae Lee1
1Ophthalmology, University of Louisville, Louisville, Kentucky, United States of America, 2Ophthalmology, Indiana University, Indianapolis, Indiana, United States of America, 3Otolaryngology, Indiana University, Indianapolis, Indiana, United States of America

**OV7** Infraorbital Canal and its variation upon the orbital floor: a cadaveric study
Viren Rana, Jemshed Khan, Peter Timoney, Jason Sokol
Division of Clinical Anatomy, Kansas City University of Medicine, Kansas City, Missouri, United States of America

**OV8** Intracapsular hemorrhage: A retrospective review of 229 orbital fracture repairs with nylon sheet implants
Enoch Kassa1, Roxana Fu2, Brett Gudgel1, William Nunery1, Peter Timoney1, Hui Bae Lee1
1Ophthalmology, Indiana University, Indianapolis, Indiana, United States of America, 2Ophthalmology, University of Louisville, Indianapolis, Indiana, United States of America

**OV9** Isolated giant xanthogranuloma of the orbit: a case report and review of the literature
Nathan Blessing1, Sander Dubovy2,3, Andrew Rong1, Zubair Ansar4, Thomas Johnson1
1Ophthalmology, Bascom Palmer Eye Institute, University of Miami, Miami, Florida, United States of America, 2Ocular Pathology, Bascom Palmer Eye Institute, University of Miami, Miami, Florida, United States of America, 3Florida Lions Eye Bank, Miami, Florida, United States of America

**OV10** New Simulator for Orbital Compartment Syndrome: The Enzenauer-Calvano Canthotomy Cantholysis Trainer
Christopher Calvano1, Robert Enzenauer2, Anthony LaPorta3
1United States Army Reserves, Medical Corps, Houston, Texas, United States of America, 2Chief, Division of Pediatric Ophthalmology, Children’s Hospital of Colorado, Denver, Colorado, United States of America, 3Department of Specialty Medicine, Rocky Vista University, Denver, Colorado, United States of America

**OV11** Orbital apex decompression and resection of sphenoorbital meningioma via lateral eyelid crease approach
Pimkwan Jaru-ampornpan, Raymond Douglas
Ophthalmology and Visual Sciences, University of Michigan, Ann Arbor, Michigan, United States of America

**OV12** Orbital neurofibroma with large hypervascular components resembling a vascular anomaly
Ramzi Alameddine
Department of Ophthalmology, American University of Beirut Medical Center, Beirut, Lebanon

**OV13** Orbital subperiosteal hematoma associated with sinusitis
Timothy Ekhlassi1,2, Francisco Castillo1,2
1Consultants in Ophthalmic and Facial Plastic Surgery, Southfield, Michigan, United States of America, 2Ophthalmology, William Beaumont Hospital, Royal Oak, Michigan, United States of America
OV14 Recurrence in Orbital Inflammatory Syndrome
Aleksey Mishulin, Kathryn Winkler, Brandon Kennedy, Christina Fernandez-Ruiz, Evan Black
1 Ophthalmology, Kresge Eye Institute/Wayne State University, Detroit, Michigan, United States of America,
2 Oculoplastics, Consultants in Ophthalmic and Facial Plastic Surgery, Southfield, Michigan, United States of America,
3 Oculoplastics, Kresge Eye Institute/Wayne State University, Detroit, Michigan, United States of America,
4 School of Medicine, Wayne State University School of Medicine, Detroit, Michigan, United States of America,
5 Oculoplastics, Beaumont Eye Institute/Oakland University School of Medicine, Royal Oak, Michigan, United States of America

OV15 Scar-less approach for deep lateral orbital wall decompression
Kelvin Kam-lung Chong, Joyce Chin, Yien-ching Regine Chan, Chi-lai Li, Alvin Young
1 Ophthalmology and Visual Science, The Chinese University of Hong Kong, Hong Kong,
2 Ophthalmology and Visual Sciences, Prince of Wales Hospital, Hong Kong, Hong Kong

OV16 Story of a Ballooned Optic Nerve
Mohsen Kashkouli
Eye Research Center, Rassoul Akram Hospital, Iran University of Medical Sciences, Tehran, Iran

OV17 The long-term outcomes of wrapping Hydroxyapatite and Medpor orbital implants with the posterior auricular muscle complex graft (PAMCG-Naugle technique) post enucleation: an 8-25 year review; multiinstitutional study
Chad M. Caplan, Thomas C. Naugle Jr., Joshua R. Ford, Susan E. Azar, Kyle Acosta, Michael Callahan, Austin Pharo, Alejandra M. Valenzuela, Priya D. Sahu, Constance Fry
1 Tulane University Department of Ophthalmology, New Orleans, Louisiana, United States of America,
2 University of Alabama – Birmingham Department of Ophthalmology, Birmingham, Alabama, United States of America,
3 Department of Ophthalmology, Louisiana State University Health Sciences Center, Louisiana State University Eye Center, New Orleans, Louisiana, United States of America,
4 Department of Ophthalmology, University of Texas San Antonio Health Sciences Center, San Antonio, Texas, United States of America

OV18 The Orbital Fracture Algorithm: A Protocol-Driven Management to Optimize Patient Care and Healthcare Resources
Aditya Mehta, Joseph Santamaria, Bradley Bishop, Brett Davies
1 Ophthalmology, San Antonio Military Medical Center, San Antonio, Texas, United States of America,
2 Uniformed Services University of the Health Sciences, Bethesda, Maryland, United States of America
ADVANCES IN AESTHETICS
A GLOBAL TREATMENT APPROACH TO OPTIMIZING PATIENT OUTCOMES

COMPLIMENTARY CME MEETING AND BUFFET LUNCH

Thursday, November 9, 2017

AGENDA

12:00 PM - 1:00 PM Registration and Complimentary Buffet Lunch

Clinical Program and Live Demonstration

Welcome and Introductions
Didactic Presentation
Live Demonstration
Question & Answer Session

12:00 PM – 12:15 PM Registration and Complimentary Buffet Lunch

12:15 PM – 1:00 PM Clinical Program and Live Demonstration

Welcome and Introductions
Didactic Presentation
Live Demonstration
Question & Answer Session

GAME:  GAIN Presents Technology Meets Technique

REGISTRATION:

Seating at the meeting is limited. If you would like to attend this FREE CME activity, please register by choosing one of the following options:

Register online at www.paradigmmc.com/574asoprs

Call toll-free: (877) 252-5100, ext 1

This activity has been designed to address the educational needs of dermatologists, plastic surgeons, facial plastic surgeons, oculoplastic surgeons, ophthalmologists, otolaryngologists, dermatologic surgeons, and cosmetic surgeons, as well as residents from the following disciplines: dermatology, plastic surgery, otolaryngology, ophthalmology, dermatology surgery, cosmetic surgery, facial plastic surgery, and oculoplastic surgery. It may also be of benefit to nurses in the field of aesthetic medicine and other healthcare providers who are involved in aesthetic medicine.

Aesthetic medicine clinicians need quality instruction and training to keep informed about continuing innovations in the aesthetic use of injectable soft tissue fillers and neuromodulators, energy-based ultrasound rejuvenation therapies, and technologies for controlled subcision. This intensive activity is intended for practitioners who wish to enhance their techniques and skills in facial rejuvenation. A concise introductory didactic lecture will review the processes of aging in facial skin and deeper tissues and differentiate evolving products and techniques for facial rejuvenation. Expert faculty will present video case studies and perform live demonstrations, providing attendees with valuable guidance on how to better individualize treatment, including product selection and dosing, optimal use of combination therapy, and how to address challenges of aesthetic rejuvenation.

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

• Differentiate soft tissue fillers, neuromodulators, energy-based therapies, and controlled subcision technologies for aesthetic rejuvenation based on indications, mechanisms of action, and efficacy and safety data.

• Describe the pathophysiology of skin laxity, volume loss, and cellulite formation, as they relate to aesthetic rejuvenation.

• Design comprehensive individualized treatment plans for aesthetic rejuvenation based on assessment of anatomic changes and patient goals.

PHYSICIAN ACCREDITATION STATEMENT

Paradigm Medical Communications, LLC is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

PHYSICIAN CREDIT DESIGNATION STATEMENT

Paradigm Medical Communications, LLC designates this live activity for a maximum of 0.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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This event is being held during the ASOPRS Fall Scientific Symposium.

FACULTY

Wendy Lee, MD, MS
Associate Professor of Clinical Ophthalmology & Dermatology
University of Miami, Miller School of Medicine
Miami, FL

John J. Martin, Jr., MD
Private Practice
Coral Gables, FL

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**REGISTRATION:**

Visit Galderma Booth #200 for updates on our products and more information about this session.

**LIVE INJECTIONS**

GAIN Presents Technology Meets Technique:

Learn about the latest next generation hyaluronic acid dermal fillers from the Restylane® Family. Symposium will include live injections and will discuss the science behind these new technologies and their ability to help maintain natural expression in motion.

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12:00PM-1:00PM

HYATT REGENCY HOTEL
NEW ORLEANS, LA

FOOD & BEVERAGE WILL BE SERVED

Faculty:

Michael R. Lee, MD, FACS
Robert Schwarcz, MD, FACS

**REGISTER NOW**

https://www.regonline.com/GAINatASOPRS2017

The most commonly observed side effects are swelling, redness, pain, bruising, headache, tenderness, lump formation, and itching at the injection site.

This event is not sponsored by American Society of Ophthalmic Plastic and Reconstructive Surgery.

These events are limited to invited healthcare professionals only. Galderma will not accommodate family members or other guests at the program.

Galderma may be required to report the names of each HCP attendee and the value of any meal provided as required by federal and state disclosure laws. Please note that HCPs licensed in the states of Minnesota and Vermont are not eligible to accept food and beverage at these events.

Any attendee may opt out of receiving Galderma’s in-kind benefits at the program.
PLEASE PLAN TO ATTEND

BEST PRACTICES

In Corporate Structure, Tax Reduction, and Benefit Planning for Oculoplastic Surgeons

Thursday, November 9 at 12:00 noon
Storyville Exhibit Hall
A Lunch-N-Learn Presentation sponsored by OJM Group; Box Lunch Provided

Presented by:
David B. Mandell, JD, MBA
OJM Group Principal

• Current state of tax reform and how it may impact physicians
• The best way to structure your practice to reduce taxes
• Maximizing the benefits of qualified retirement plans
• The one tax-savvy benefit plan under-utilized by physicians

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For Doctors Only: A Guide to Working Less and Building More
Wealth Management Made Simple: 7 Simple—But Not Easy—Lessons on Your Investments and Your Wealth
BOTOX® Cosmetic (onabotulinumtoxinA) Important Information Indications
BOTOX® Cosmetic (onabotulinumtoxinA) is indicated in adult patients for the temporary improvement in the appearance of:
- moderate to severe glabellar lines associated with corrugator and/or procerus muscle activity
- moderate to severe lateral canthal lines associated with reductalis muscle activity
- moderate to severe forehead lines associated with frontalis activity

IMPORTANT SAFETY INFORMATION, INCLUDING BOXED WARNING

WARNING: DISTANT SPREAD OF TOXIN EFFECT
Postmarketing reports indicate that the effects of BOTOX® Cosmetic and all botulinum toxin products may spread from the area of injection to produce symptoms consistent with botulinum toxin effects. These may include: generalized muscle weakness, diplopia, paresis, dysphagia, dysphonia, dysarthria, urinary incontinence and breathing difficulties. These symptoms have been reported hours to weeks after injection. Swallowing and breathing difficulties can be life threatening and there have been reports of death. The risk of symptoms is probably greatest in children treated for spasticity but symptoms can also occur in adults treated for spasticity and other conditions, particularly in those patients who have an underlying condition that would predispose them to these symptoms. In unapproved uses, including spasticity in children, and in approved indications, cases of spread of effect have been reported at doses comparable to those used to treat cervical dystonia and spasticity and at lower doses.

CONTRAINDICATIONS
BOTOX® Cosmetic is contraindicated in the presence of infection at the proposed injection site(s) and in individuals with known hypersensitivity to any botulinum toxin preparation or to any of the components in the formulation.

WARNINGS AND PRECAUTIONS
• Lack of Interchangeability between Botulinum Toxin Products
The potency Units of BOTOX® Cosmetic are specific to the preparation and assay method utilized. They are not interchangeable with other preparations of botulinum toxin products and, therefore, units of biological activity of BOTOX® Cosmetic cannot be compared to or converted into units of other botulinum toxin products assessed with any other specific assay method.

Spread of Toxin Effect
Please refer to Boxed Warning for Distant Spread of Toxin Effect.
No definitive serious adverse event reports of distant spread of toxin effect associated with dermatologic use of BOTOX® Cosmetic at the labeled dose of 20 Units (for glabellar lines), 24 Units (for lateral canthal lines), 40 Units (for forehead lines with glabellar lines), 44 Units (for simultaneous treatment of lateral canthal lines and glabellar lines), and 64 Units (for simultaneous treatment of lateral canthal lines, glabellar lines, and forehead lines) have been reported.

Serious Adverse Reactions With Unapproved Use
Serious adverse reactions, including excessive weakness, dysphagia, and aspiration pneumonia, with some adverse reactions associated with fatal outcomes, have been reported in patients who received BOTOX® injections for unapproved uses. In these cases, the adverse reactions were not necessarily related to distant spread of toxin, but may have resulted from the administration of BOTOX® to the site of injection and/or adjacent structures. In several of the cases, patients had pre-existing dysphagia or other significant disabilities. There is insufficient information to identify factors associated with an increased risk for adverse reactions associated with the unapproved uses of BOTOX®. The safety and effectiveness of BOTOX® for unapproved uses have not been established.

In recent months, the company has been studying Botox for a range of new and innovative uses, including the treatment of certain conditions associated with muscle overactivity or spasticity, such as certain movements disorders. Botox is a potent, highly effective treatment for these conditions, as well as a number of other medical conditions, such as certain forms of pain, including fibromyalgia. However, it is important to note that the company is still in the early stages of its research and development efforts in this area, and further studies are needed to confirm its efficacy and safety in these new applications.

Increased Risk of Lacrimation: Significant Effects with Pre-existing Neuromuscular Disorders
Individuals with peripheral motor neuromuscular diseases, amyotrophic lateral sclerosis, or neuromuscular junction disorders (e.g., myasthenia gravis or Lambert-Eaton syndrome) should be monitored when given botulinum toxin.

Dysphagia and Breathing Difficulties
Treatment with BOTOX® and other botulinum toxin products can result in swallowing or breathing difficulties. Patients with pre-existing swallowing or breathing difficulties may be more susceptible to these complications. In most cases, this is a consequence of weakening of muscles in the area of injection that are involved in swallowing or oesophageal muscles that control swallowing or breathing (see Boxed Warning).

Pre-existing Conditions at the Injection Site
Caution should be used when BOTOX® cosmetic treatment is used in the presence of infection at the proposed injection site(s) or when excessive weakness or atrophy is present in the target muscle(s).

Human Albumin and Transmission of Viral Diseases
This product contains albumin, a derivative of human blood. Based on effective donor screening and product manufacturing processes, it carries an extremely remote risk for transmission of viral diseases and variant Creutzfeldt-Jakob disease (vCJD). There is a theoretical risk of transmission of Creutzfeldt-Jakob disease (vCJD), but it is highly unlikely to occur. There have been no cases of transmission of viral diseases, vCJD or vCJD have been identified for licensed albumin or albumin contained in other licensed products.

ADVERSE REACTIONS
The most frequently reported adverse reaction following injection of BOTOX® Cosmetic for glabellar lines was eyelid ptosis (3%). The most frequently reported adverse reaction following injection of BOTOX® Cosmetic for lateral canthal lines was eyelid edema (1%). The most frequently reported adverse reaction following injection of BOTOX® Cosmetic for forehead lines with glabellar lines were headache (9%), brow ptosis (2%) and eyelid ptosis (2%).

DRUG INTERACTIONS
Co-administration of BOTOX® Cosmetic and aminoalkylamines or other agents interfering with neuromuscular transmission (e.g., curare-like compounds) should only be performed with caution as the effect of the toxin may be potentiated. Use of anticholinergic drug after administration of BOTOX® Cosmetic may potentiate systemic anticholinergic effects. The effect of administering different botulinum neurotoxin products at the same time or within several months of each other is unknown. Excessive neuromuscular weakness may be exacerbated by administration of another botulinum toxin prior to the resolution of the effects of a previously administered botulinum toxin. Excessive weakness may also be exaggerated by administration of a muscle relaxant before or after administration of BOTOX® Cosmetic.

USE IN SPECIFIC POPULATIONS
There are no studies or adequate data from postmarketing surveillance on the developmental risk associated with use of BOTOX® Cosmetic in pregnant women. There are no data on the presence of BOTOX® Cosmetic in human or animal milk, the effects on the breastfed child, or the effects on milk production.

For more information on BOTOX® Cosmetic, please see the accompanying full prescribing information including boxed warning and medication guide.

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Advanced concepts in orbital decompression surgery

ASOPRS Annual Fall Educational Symposium
Friday, November 10
12:00-1:00pm
Hyatt Regency
New Orleans
Celestin-FGH Room
Lunch provided

Attendance is limited, register online:
strykerasoprs2017.eventbrite.com
A Closer Look Into the Merz Portfolio of Products:
Setting You Up for Success

Date:  Friday, November 10, 2017
Location:  Storyville Hall
Time:  12:00pm - 1:00pm
Faculty:  Susie Albion, RN, BSN; Medical Science Liaison, Merz North America, Inc.

Please RSVP to this Lunch and Learn by emailing RSVP3@merz.com

This program is intended for Residents and Fellows.
Exhibitors

**Advice Media** - Booth #113
Advice Media - The Marketing Company that Makes You Money!

*Representatives:* Robert Antosy and Michael Antosy

**Aerolase** - Booth #314
Aerolase provides a new generation of laser technology that delivers higher power in a shorter pulse.

*Representative:* Pavel Efremkin

**Allergan** - Booth #201
Allergan’s portfolio features best-in-class facial aesthetics, body contouring and more.

*Representatives:* Marty Fisher, Joanne Howarth, Holli Tirabasso, Ashley Wisdom, Todd Adkins, Jill Haas

**Anthony Products/Gio Pelle** - Booths #311, 313, 315
Anthony Products specializes in ENT, Plastic Surgery and Dermatology instruments. Gio Pelle specializes in skin care and gel packs. Private label opportunities are available.

*Representatives:* Chuck Petrucciani, Tammy Brinza, Matt Hale and Joanne Bianchini

**Bausch + Lomb** - Booth #106
Bausch + Lomb, a Valeant Pharmaceuticals International, Inc. company, is a leading global eye health organization that is solely focused on protecting, enhancing and restoring people’s eyesight.

*Representative:* David Myers

**BioDOptix** - Booth #213
BioDOptix® is a dehydrated, extracellular membrane allograft derived from human amniotic tissue.

*Representatives:* Darin Gerlach and Ken Watson

**Canfield Scientific, Inc.** - Booth #202
Canfield Scientific is the leading worldwide developer of imaging software and photographic systems for the medical and skin care industries. Product lines include Mirror® imaging software, VISIA® Complexion Analysis, VECTRA® 3D Systems, Reveal® facial imagers, VEOS™ dermatoscopes, customized photographic studio solutions and specialized imaging devices for clinical photography.

Canfield Scientific, Inc.
4 Wood Hollow Road, Parsippany, NJ 07054 USA
Tel. 973 434 1200; Tel. 800 815 4330; Fax. 973 887 1249
Email. info@canfieldsci.com; Web. www.canfieldsci.com

*Representatives:* Molly Kviet and Craig Bodily

**Castle Biosciences, Inc.** - Booth #310
Castle Biosciences is a provider of molecular diagnostics to improve cancer treatment decisions. DecisionDx®-Melanoma leverages tumor biology for prognostic insight into metastatic risk in melanoma, providing information independent of AJCC staging factors and sentinel lymph node status. DecisionDx®-UM enables accurate staging of five-year metastatic risk in uveal melanoma and is standard of care in a majority of ocular oncology practices. Castle Biosciences is based in Friendswood TX and has laboratory operations in Phoenix AZ.

(www.castlebiosciences.com).

*Representatives:* Kristen Meldi Plasseraud and Peter Maetzold

**Ceremed** - Booth #312
Ceremed, Inc. is a medical device company that possesses a unique expertise in the field of implantable polymers. We offer diverse capabilities in reconstructive implants and fixation systems for maxillofacial and neurosurgical applications. With expertise in several soluble polymer technology platforms, we are able to deliver innovative polymer applications with a unique competitive advantage that raises the standard of care for patients worldwide.

*Representatives:* Eric Hohenstein and Chelsea Gutierrez

**Cosmofrance, Inc.** - Booth #216
CosmoFrance Inc., established in 1997, specializes in the distribution of non-invasive aesthetic medical devices. Our DermaSculpt blunt-tipped microcannulas are revolutionizing dermal fillers injections. Other devices include Microneedling and PRF disposable kits.

AIAM is an elite training academy for medical professionals. We specialize in offering training on cutting-edge aesthetic techniques such as Polydioxanone (PDO) Threads, Fillers with microcannulas and Platelet-Rich Fibrin (PRF).

*Representative:* Samantha Seldin

**Dermapen** - Booth #110
Dermapen is the industry leader in innovative micro-needling devices and products. Dermapen is continuing the trend with the new MDerma device.

*Representatives:* Erin Anderson and Rachael Kelly

**Designs for Vision, Inc.** - Booth #301

*Representatives:* Sarah Shine and Ryan Chapa

Booth representatives subject to change.
Ellman, A Cynosure Company – Booth #210
Ellman, A Cynosure Company, is committed to providing innovative products that serve the needs of our global customers. Ellman offers a full complement of advanced radiofrequency (RF) and laser products, including the Pellevé® Wrinkle Reduction System, a complete line of aesthetic lasers and pulsed light devices, and the Surgitron® Surgical RF Systems. Our products are used around the world for precision surgical and aesthetic procedures in the Aesthetic, Surgical, Dental and Veterinary fields.
Representatives: Karin Paretta, Kyle Keena and Ilene Strobing

Elsevier, Inc. – Booth #100
Books, Clinics, Journals
Representative: John Kenyon

EltaMD Skincare – Booth #316
EltaMD Skin Care is committed to providing physicians and their patients innovative products that help develop and maintain great skin for life.
Representatives: Melissa Miller and Lee Hucklebridge

Envy Medical – Booth #115
Dermalinfusion is an advanced skin-resurfacing treatment that combines exfoliation, extraction, and infusion of condition-specific serums to improve skin health, function and appearance.
A patented, non-invasive treatment, Dermalinfusion is fully customizable and the perfect solution to address a wide variety of skin concerns and conditions from head-to-toe and is suitable for all skin types and tones.
The key to the Dermalinfusion technology lies in its line of specifically formulated, professional strength Pro-Infusion serums. Each serum is the product of advanced research in skin care science and is designed to address a specific skin condition.
Representatives: Christian Radgowski, Erinn Whipple and David Humer

FCI Ophthalmics – Booth #302
Since its inception in 1984, FCI has become a world leader in the development of ophthalmic surgical devices. The products manufactured by FCI include a full range of cataract surgery devices, lacrimal stents and tubes, orbital implants, retinal detachment devices, ptosis repair devices, cosmetic sutures, and dry eye products. FCI works closely with ophthalmic surgeons worldwide to continually develop state-of-the-art ophthalmic surgical devices and other eye care products. FCI is proud to help physicians improve the quality of their patients’ lives through better vision. With advanced materials and innovative research, FCI responds to the ever-changing needs of eye care professionals.
Representatives: Heather Patterson and Patti Kingham

Galderma Laboratories, L.P. – Booth #200
Dating back to 1961, Galderma is present in 100 countries with an extensive product portfolio to treat a range of dermatological conditions. The company partners with health care professionals around the world to meet the skin health needs of people throughout their lifetime. Galderma is a leader in research and development of scientifically-defined and medically-proven solutions for the skin, hair and nails.
Strategic brands in the U.S. include Restylane® Refyne, Restylane® Defyne, Restylane®, Restylane® Silk, Restylane® Lyft, Dysport® and Sculptra® Aesthetic.
For more information, please visit www.galdermausa.com and www.galderma.com.
The Dysport® trademark is used under license. All trademarks are the property of their respective owners.
Representatives: Mojo McDaniel, Ethan Jansen, Kelly Kramer, Andrea Tankersley and Tiphany Lopez

Graves’ Disease & Thyroid Foundation – Booth #214
Education and support for patients and caregivers impacted by thyroid eye disease.
Representative: Nancy Hord Patterson and Kimberly Dorris

Gunther Weiss Scientific Glassblowing, Inc. – Booth #105
Providing Lester Jones Tear Duct Tubes for over 50 years.
Representatives: Scott Wheeler and Monica Wheeler

Booth representatives subject to change.
Exhibitors

**Integrated Orbital Implants, Inc. (IOI) – Booth #107**

IOI provides the most scientifically advanced orbital implant available for enucleation, evisceration and secondary implant procedures. The Bio-Eye Hydroxyapatite (HA) Orbital Implant is the “Gold Standard” for patients who lose an eye or require secondary orbital implant surgery. Among the benefits, the Bio-Eye Orbital Implant offers “natural movement” of the artificial eye and reduction of implant migration and extrusion.

**Representatives:** Vicki Perry and Phillip Perry

**JEDMED – Booth #206**

JEDMED offers Hessburg-Barron Trephines, Barron Punches, Crawford Lacrimal Intubation Sets, DCR Instruments and more.

**Representatives:** Bill Whittington and Dan Kruse

**Kaneka Pharma America, LLC – Booth #212**

LACRIFLOW: The best choice for NLDO is now available for DCR! Check out the new stent at our booth.

**Representatives:** Takuji Hasegawa and Hidekazu Miyauchi

**KLS Martin – Booth #102**

E.N.T.

**Representatives:** JC Pinto and Travis Simpson

**Lumenis – Booth #111**

Lumenis: World’s largest Medical Laser Mfg.

**Representatives:** John Labruzzo and Steve Burgess

**Mallinckrodt Pharmaceuticals – Booth #215**

Mallinckrodt Pharmaceuticals is a global specialty biopharmaceutical company; its Autoimmune and Rare Diseases business includes H.P. Acthar® Gel (repository corticotropin injection). Visit exhibit #215 or www.Acthar.com.

**Representatives:** Zack Ballinger and Norman Haynes

**MedDev Corporation – Booth #101**

Provider of Gold/Platinum Contour TM and ThinProfile TM (40% reduced thickness) Eyelid Implants, Tantalum Eyelid Sizing Weights, and Blinkze (R) External Lid Weights for the non-surgical treatment of lagophthalmos.

**Representative:** Suzanne Grey

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Merz Aesthetics is a division of Merz North America and offers a wide-ranging portfolio of treatment options including Device (Ultherapy®, CellfinaTM System, DESCRIBE® PFD Patch), Injectables (Xeomin®, Radiesse® Volumizing Filler, Belotero Balance®, Asclera®) and Skincare (NEOCUTIS®, Mederma®) that enables physicians to meet the needs of a broad range of patients and their skin concerns. To learn more about Merz Aesthetics and their Device offerings, please visit www.merzusa.com/aesthetics-otc.

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Endotine® is a patented system for affixing soft tissue to bone during aesthetic facial surgery, using small resorbable tines to reduce the tissue strain associated with sutures. This system allows surgeons to re-adjust tissue location during surgery. Endotine® provides reliable fixation through the post-operative healing period, and is resorbed as biological fixation takes over.

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Silagen® is the only comprehensive line of physician-exclusive, medical grade silicone scar therapy.

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OJM Group is a multidisciplinary wealth management firm serving over 1,000 physicians nationwide, helping them build wealth, reduce taxes and protect personal and corporate assets.

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**OMIC – Booth #117**

Malpractice Liability Insurance for ophthalmologists

**Representatives:** Joe DiBernardo, Paul Burnthall and Sarah White

*Booth representatives subject to change.*
Exhibitors

**Poriferous LLC – Booth #207**
Poriferous, LLC provides porous polyethylene implants once again manufactured in Newnan, Georgia, USA. The implants are marketed worldwide under the brand name Su-Por® Surgical Implants.

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**Quest Medical, Inc. – Booth #211**
The LacriCATH® Balloon Catheter is used to treat chronic epiphora. The dacryoplasty (DCP) procedure is performed for children and adults with nasolacrimal duct obstruction, using the LacriCATH 2mm or 3mm Balloon Catheter. Simultaneous Bilateral Inflation is available in bilateral DCP and DCR procedure kits. The LacriCATH 5mm and 9mm Balloon Catheters are used for primary or revisional DCR. The STENTube® large diameter intubation provides enhanced stenting for post DCR procedures.

www.questmedical.com

*Representatives: Ashleigh Pollock and Bela Castillo*

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Rose Micro Solutions sells High Quality Optical & LED Lighting systems for less!

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**SoftFil MicroCannulas – Booth #108**
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*Representative: Cyril Sebban*

**Sontec Instruments, Inc. – Booths #303, 305**
Sontec offers a comprehensive selection of exceptional hand held surgical instruments and headlights

*Representatives: Stefan Scanlan and Johann Scanlan*

**Stryker – Booths #304, 306**
Stryker is one of the world’s leading medical technology companies and, together with our customers, we are driven to make healthcare better. The Company offers a diverse array of innovative products and services in Orthopaedics, Medical and Surgical, and Neurotechnology and Spine that help improve patient and hospital outcomes. Stryker is active in over 100 countries around the world. Please contact us for more information at www.stryker.com.

*Representatives: Zach Grau, Alec Bleacher, Greg Swords and Micki Mihailovich*

**Trilogy Laboratories – Booth #317**
Private Label Medical Skincare

*Representative: Kristen Flaharty*

**Wolters Kluwer – Booth #307**
Wolters Kluwer Health is a leading global provider of information and point of care solutions for the healthcare industry. Our solutions help to build clinical competency and improve practice so that healthcare organizations can succeed in value-based care delivery models.

*Representatives: Ali Manieri and Curt Thompson*

*Booth representatives subject to change.*
INDICATIONS AND USAGE: RESTASIS® and RESTASIS MultiDose™ ophthalmic emulsion are indicated to increase tear production in patients whose tear production is presumed to be suppressed due to ocular inflammation associated with keratoconjunctivitis sicca. Increased tear production was not seen in patients currently taking topical anti-inflammatory drugs or using punctal plugs.

IMPORTANT SAFETY INFORMATION

CONTRAINDICATIONS: RESTASIS® and RESTASIS MultiDose™ are contraindicated in patients with known or suspected hypersensitivity to any of the ingredients in the formulation.

WARNINGS AND PRECAUTIONS

POTENTIAL FOR EYE INJURY AND CONTAMINATION: Be careful not to touch the container tip to your eye or other surfaces to avoid potential for eye injury and contamination.

USE WITH CONTACT LENSES: RESTASIS® and RESTASIS MultiDose™ should not be administered while wearing contact lenses. If contact lenses are worn, they should be removed prior to the administration of the emulsion. Lenses may be reinserted 15 minutes following administration of RESTASIS® and RESTASIS MultiDose™ ophthalmic emulsion.

ADVERSE REACTIONS: In clinical trials, the most common adverse reaction following the use of Cyclosporine Ophthalmic Emulsion 0.05% was ocular burning (upon instillation)—17%. Other reactions reported in 1% to 5% of patients included conjunctival hyperemia, discharge, epiphora, eye pain, foreign body sensation, pruritus, stinging, and visual disturbance (most often blurring).

PLEASE SEE NEXT PAGE FOR A BRIEF SUMMARY OF THE FULL PRODUCT INFORMATION

REFERENCE: 1. RESTASIS® Prescribing Information, June 2013.

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RESTASIS® and RESTASIS MULTIDOSE® (Cyclosporine Ophthalmic Emulsion) 0.05%

BRIEF SUMMARY—PLEASE SEE THE RESTASIS® AND RESTASIS MULTIDOSE® PACKAGE INSERTS FOR FULL PRESCRIBING INFORMATION.

INDICATION AND USAGE
RESTASIS® and RESTASIS MULTIDOSE® ophthalmic emulsion are indicated to increase tear production in patients whose tear production is presumed to be suppressed due to ocular inflammation associated with keratoconjunctivitis sicca. Increased tear production was not seen in patients currently taking topical anti-inflammatory drugs or using punctal plugs.

CONTRAINDICATIONS
RESTASIS® and RESTASIS MULTIDOSE® are contraindicated in patients with known or suspected hypersensitivity to any of the ingredients in the formulation.

WARNINGS AND PRECAUTIONS
Potential for Eye Injury and Contamination
Be careful not to touch the container tip to your eye or other surfaces to avoid potential for eye injury and contamination.

Use with Contact Lenses
RESTASIS® and RESTASIS MULTIDOSE® should not be administered while wearing contact lenses. Patients with decreased tear production typically should not wear contact lenses. If contact lenses are worn, they should be removed prior to the administration of the emulsion. Lenses may be reinserted 15 minutes following administration of RESTASIS® and RESTASIS MULTIDOSE® ophthalmic emulsion.

ADVERSE REACTIONS
Clinical Trials Experience
Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

In clinical trials, the most common adverse reaction following the use of cyclosporine ophthalmic emulsion 0.05% was ocular burning (17%).

Other reactions reported in 1% to 5% of patients included conjunctival hyperemia, discharge, epiphora, eye pain, foreign body sensation, pruritus, stinging, and visual disturbance (most often blurring).

Post-marketing Experience
The following adverse reactions have been identified during post approval use of cyclosporine ophthalmic emulsion 0.05%. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

Reported reactions have included: hypersensitivity (including eye swelling, urticaria, rare cases of severe angioedema, face swelling, tongue swelling, pharyngeal edema, and dyspnea); and superficial injury of the eye (from the container tip touching the eye during administration).

USE IN SPECIFIC POPULATIONS
Pregnancy
Risk Summary: Clinical administration of cyclosporine ophthalmic emulsion 0.05% is not detected systemically following topical ocular administration [see Clinical Pharmacology (12.3)], and maternal use is not expected to result in fetal exposure to the drug. Oral administration of cyclosporine to pregnant rats or rabbits did not produce teratogenicity at clinically relevant doses [see Data].

Data
Animal Data: At maternally toxic doses (30 mg/kg/day in rats and 100 mg/kg/day in rabbits), cyclosporine oral solution (USP) was teratogenic as indicated by increased pre- and postnatal mortality, reduced fetal weight and skeletal retardations. These doses (normalized to body surface area) are 5,000 and 32,000 times greater, respectively, than the daily recommended human dose of one drop (approximately 28 mL) of cyclosporine ophthalmic emulsion 0.05% twice daily into each eye of a 60 kg person (0.001 mg/kg/day), assuming that the entire dose is absorbed. No evidence of embryofetal toxicity was observed in rats or rabbits receiving cyclosporine during organogenesis at oral doses up to 17 mg/kg/day or 30 mg/kg/day, respectively. These doses in rats and rabbits are approximately 3,000 and 10,000 times greater, respectively, than the daily recommended human dose.

An oral dose of 45 mg/kg/day cyclosporine administered to rats from Day 15 of pregnancy until Day 21 postpartum produced maternal toxicity and an increase in postnatal mortality in offspring. This dose is 7,000 times greater than the daily recommended human dose. No adverse effects in dams or offspring were observed at oral doses up to 15 mg/kg/day (2,000 times greater than the daily recommended human dose).

There are no adequate and well-controlled studies of RESTASIS® and RESTASIS MULTIDOSE® in pregnant women. RESTASIS® and RESTASIS MULTIDOSE® should be administered to a pregnant woman only if clearly needed.

Lactation
Risk Summary
Cyclosporine is known to appear in human milk following systemic administration, but its presence in human milk following topical treatment has not been investigated. Although blood concentrations are undetectable following topical administration of cyclosporine ophthalmic emulsion 0.05% [see Clinical Pharmacology (12.3)], caution should be exercised when RESTASIS® and RESTASIS MULTIDOSE® are administered to a nursing woman. The developmental and health benefits of breastfeeding should be considered along with the mother’s clinical need for RESTASIS® and RESTASIS MULTIDOSE® and any potential adverse effects on the breast-fed child from cyclosporine.

Pediatric Use
Safety and efficacy have not been established in pediatric patients below the age of 16.

Geriatric Use
No overall difference in safety or effectiveness has been observed between elderly and younger patients.

NONCLINICAL TOXICOLOGY
Carcinogenesis, Mutagenesis, Impairment of Fertility
Carcinogenesis: Systemic carcinogenicity studies were carried out in male and female mice and rats. In the 78-week oral (diet) mouse study, at doses of 1, 4, and 16 mg/kg/day, evidence of a statistically significant trend was found for lymphocytic lymphomas in females, and the incidence of hepatocellular carcinomas in mid-dose males significantly exceeded the control value.

In the 24-month oral (diet) rat study, conducted at 0.5, 2, and 8 mg/kg/day, pancreatic islet cell adenomas significantly exceeded the control rate in the low-dose level. The hepatocellular carcinomas and pancreatic islet cell adenomas were not dose related. The low doses in mice and rats are approximately 80 times greater (normalized to body surface area) than the daily human dose of one drop (approximately 28 mL) of 0.05% RESTASIS® and RESTASIS MULTIDOSE® twice daily into each eye of a 60 kg person (0.001 mg/kg/day, assuming that the entire dose is absorbed).

Mutagenesis: Cyclosporine has not been found to be mutagenic/genotoxic in the Ames Test, the V79-HQPR Test, the micronucleus test in mice and Chinese hamsters, the chromosome-aberration tests in Chinese hamster bone-marrow, the mouse dominant lethal assay, and the DNA-repair test in sperm from treated mice. A study analyzing sister chromatid exchange (SCE) induction by cyclosporine using human lymphocytes in vitro gave indication of a positive effect (i.e., induction of SCE).

Impairment of Fertility: No impairment in fertility was demonstrated in studies in male and female rats receiving oral doses of cyclosporine up to 15 mg/kg/day (approximately 2,000 times the human daily dose of 0.001 mg/kg/day normalized to body surface area) for 9 weeks (male) and 2 weeks (female) prior to mating.

PATIENT COUNSELING INFORMATION
Handling the Container
Advise patients not to allow the tip of the container to touch the eye or any surface, as this may contaminate the emulsion. Advise patients not to touch the container to their eye to avoid the potential for injury to the eye.

Use with Contact Lenses
RESTASIS® and RESTASIS MULTIDOSE® should not be administered while wearing contact lenses. Patients with decreased tear production typically should not wear contact lenses. If contact lenses are worn, they should be removed prior to the administration of the emulsion. Lenses may be reinserted 15 minutes following administration of RESTASIS® and RESTASIS MULTIDOSE® ophthalmic emulsion.

Administration
Advise patients that the emulsion from one individual single-use vial is to be used immediately after opening for administration to one or both eyes, and the remaining contents should be discarded immediately after administration. Advise patients to read the Instructions for Use for detailed first-time use instructions for the multidose bottle.

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RESTASIS

**PRESCRIBING INFORMATION.**

**RESTASIS**

greater than the daily recommended human dose). An increase in postnatal mortality in offspring. This dose is 7,000 times greater during organogenesis at oral doses up to 17 mg/kg/day or 30 mg/kg/day, assuming that the entire dose is absorbed. No evidence of hepatocellular carcinomas and pancreatic islet carcinomas in mid-dose males significantly exceeded the control value.

**Nonclinical Toxicology**

Sperm from treated mice. A study analyzing sister chromatid exchange (SCE) in vitro demonstrated that cyclosporine treatment of Chinese hamsters had no effect on SCE frequency. Impairment of fertility was demonstrated in studies with known or suspected hypersensitivity to any of the ingredients in the formulation.

**Contraindications**

**RESTASIS MULTIDOSE**

RESTASIS™, RESTASIS® and any potential adverse effects on the breast-fed child from cyclosporine. RESTASIS® and RESTASIS MULTIDOSE™ are contraindicated in patients currently taking topical anti-inflammatory drugs or using punctal plugs. Use of cyclosporine ophthalmic emulsion 0.05% is not detectable systemically following topical ocular administration.

**Risk Summary**

**Adverse Reactions**

**Post-Marketing Experience**

Hypersensitivity (including eye swelling, hyperemia, discharge, epiphora, eye pain, foreign body sensation, pruritus, superficial injury of the eye (from the container tip touching the eye during administration). Other reactions reported in 1% to 5% of patients included conjunctival hyperemia, discharge, epiphora, eye pain, foreign body sensation, pruritus, stinging, and visual disturbance (most often blurring).

**Safety**

**Bleed**

**Images**

**Colors**

**File Name**

None

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<th>Faculty</th>
<th>2016-2018 Fellow</th>
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<td>Debra J. Shetlar, MD, Houston</td>
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<td>John W. Shore, MD, FACS, Austin</td>
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<td>Charles N.S. Soparkar, MD, PhD, FACS, Houston</td>
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<td>Jordan Spindle, MD, Tyler</td>
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<td>Natalie A. Stanciu, MD, Austin</td>
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<td>John Tong, MD, Grapevine</td>
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<td>Robert B. Wilkins, MD, Houston</td>
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<td>Martha C. Wilson, MD, San Antonio</td>
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<td>Michael T. Yen, MD, Houston</td>
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<td>Troy J. Woodman, MD, Tacoma</td>
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<td><strong>WEST VIRGINIA</strong></td>
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<td>John V. Linberg, MD, Morgantown</td>
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<td>John Nguyen, MD, Morgantown</td>
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<td>Rene S. Rodriguez-Sains, MD, FACS, Huntington</td>
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<td>Jennifer A. Sivak-Callcott, MD, Morgantown</td>
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<td><strong>WISCONSIN</strong></td>
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<td>Cat N. Burkat, MD, FACS, Madison</td>
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<td>Daniel L. Dale, MD, Green Bay</td>
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<td>Richard K. Dortzbach, MD, Middleton</td>
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<td>Mark T. Duffy, MD, PhD, Green Bay</td>
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<td>Neda Esmaili, MD, Milwaukee</td>
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<td>Russell S. Gonnering, MD, MMM, FACS, Elm Grove</td>
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<td>Gregory J. Griepentrog, MD, Milwaukee</td>
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<td>Gerald J. Harris, MD, FACS, Milwaukee</td>
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<td>Mark J. Lucarelli, MD, FACS, Madison</td>
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<td><strong>ARGENTINA</strong></td>
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<td>Martin H. Devoto, MD, Buenos Aires</td>
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<td>Daniel Weil, MD, Buenos Aires</td>
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<td><strong>AUSTRALIA</strong></td>
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<td>Ross S. Benger, MD, Drummooyne, New South Wales</td>
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<td>Jennifer Danks, MD, Dee Why</td>
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<td>Geoffrey A. Wilcsek, MD, Bondi Beach</td>
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<td>Kim Jeboodhsingh, MD, St. Michael</td>
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<td>Antonio Augusto Velasco, Cruz, MD, Ribeirão Preto</td>
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<td>Gustavo Guerra, MD, Volta Redonda</td>
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<td>Roberto M. Limongi, MD, Goiânia-Go</td>
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<td>Aline Pimentel De Miranda, MD, São Paulo</td>
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<td>Tammy Hentona Osaki, Sao Paulo</td>
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<td>Midori H. Osaki, Sao Paulo</td>
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<td>Murilo A. Rodrigues, MD, Belo Horizonte</td>
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<td>Silvia Rodrigues, MD, Belo Horizonte</td>
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<td><strong>CANADA</strong></td>
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<td>Zainab Y. Alhlabab, MD, Mississauga</td>
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<td>Bryan Arthurs, MD, Montreal</td>
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<td>Stephen M. Baker, MD, FRCSC, Victoria</td>
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<td>Mounir Bashour, MD, Montreal</td>
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<td>Lorrie Bellan, MD, Winnipeg</td>
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<td>Frank V. Buffam, MD, CM, Vancouver</td>
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<td>Jean D. Carethereich, MD, FRCSC, Vancouver</td>
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<td>Dan DeAngelis, MD, FRCSC, Mississauga</td>
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<td>Peter J. Dolman, MD, FRCSC, Vancouver</td>
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<td>Chaim Edelstein, MD, Montreal</td>
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<td>Harmeeet S. Gill, MD, Toronto</td>
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<td>John T. Harvey, MD, Dundas</td>
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<td>Edsle B. Ing, MD, FRCSC, Toronto</td>
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<td>David R. Jordan, MD, Ottawa</td>
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<td>Martin Kazdan, MD, Toronto</td>
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<td>Femida Kherani, MD, FRCSC, Vancouver</td>
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<td>Vladimir Kratky, MD, FRCSC, Kingston</td>
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<td>Navdeep Nijhawan, MD, FRCSC, Richmond Hill</td>
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<td>James H. Oestreich, MD, Toronto</td>
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<td>Robert C. Pashby, MD, Toronto</td>
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<td>Karim G. Punja, MD, Calgary</td>
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<td>Jack Rootman, MD, FRCSC, Vancouver</td>
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<td>Nancy A. Tucker, MD, Toronto</td>
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<td>S. Joseph Weinstock, MD, Toronto</td>
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<td><strong>CHINA</strong></td>
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<td>Xian Qun Fan, MD, PhD, Shanghai</td>
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<td>Dongmei Li, MD, Beijing</td>
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<td>Honglei Liu, MD, Xi’an City</td>
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<td>Hufang Zhou, MD, Shanghai</td>
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<td><strong>COLOMBIA</strong></td>
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<td>Rafael Arango Botero, MD, Medellin</td>
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<td>Martha C. Arango Munoz, MD, Medellin</td>
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<td>Alberto Luís Díaz, MD, Bucaramanga</td>
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<td>Angela M. Dolmetsch, MD, Cali</td>
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<td>Marco A. Gallon, MD, Cali</td>
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<td>Cristina Gonzalez, MD, Medellin</td>
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<td>Mauricio Jaramillo, MD, Medellin</td>
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<td>Gabriel Jimenez Onofre, MD, Bogota</td>
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<td>Luz Marina Melo, MD, Barranquilla</td>
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<td>Pablo E. Vanegas Plata, MD, Barranquaberaimeja</td>
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<td><strong>COSTA RICA</strong></td>
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<tr>
<td>Abraham I. Gomez Hernandez, MD, San Jose</td>
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<td>Chun Cheng Lin Yang, MD, Escazu</td>
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<tr>
<td><strong>DENMARK</strong></td>
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<tr>
<td>Peter Bjerre Toft, MD, Copenhagen</td>
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<td>Peter Bjerre Toft, MD, Copenhagen</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Country</th>
<th>Name</th>
<th>City/Location</th>
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<tbody>
<tr>
<td>Egypt</td>
<td>Mohammad A. Abdulhafez, MD, FRCS,</td>
<td>Cairo</td>
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<td>Jean-Paul Adenis, MD, Limoges</td>
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<td>France</td>
<td>Jean-Paul Adenis, MD, Limoges</td>
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<td>Germany</td>
<td>Rudolf F. Guthoff, MD, Rostock</td>
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<td>Eszter von Lovenberg-Proemper, MD,</td>
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<td>Detmold, NRW</td>
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<tr>
<td>Britain</td>
<td>Harpreet Ahluwalia, MBBS, MRCOphth,</td>
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<td></td>
<td>FRCS, MS, Solihull</td>
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<td></td>
<td>Richard Collin, MA, FRCS, DO, London</td>
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<td>Julian De Silva, MD, MBBS, London</td>
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<td>Daniel G. Ezra, MD, FRCOphth, London</td>
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<td>Raman Malhotra, FRCOphth, East Grinstead</td>
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<td>John C. Mustarde, MD, Ay, South Ayrshire</td>
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<td>Jane Olver, MD, FRCOphth, London</td>
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<td>John F. A. Pitts, FRCP, FRCS, FRCOphth,</td>
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<td></td>
<td>Geoffrey E. Rose, DSc, MS, FRCS, FRCOphth,</td>
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<td>Suresh Sagili, MD, Shrewsbury</td>
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<td>Raghavan Sampath, MD, Leicester</td>
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<td>Pari N. Shams, MD, London</td>
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<td>John E. Wright, MD, Rickmansworth</td>
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<td>Greece</td>
<td>George C. Charonis, MD, Athens</td>
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<td>Ioannis Mavrikakis, MD, PhD, Athens</td>
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<td>Hong Kong</td>
<td>John S. Chang Jr., MD, Happy Valley</td>
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<td>Kelvin Kam-lung Chong, MBChB, FCOphth,</td>
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<td>Marcus M. Marcet, MD, Happy Valley</td>
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<td>India</td>
<td>Mohammad J. Ali, Hyberbad</td>
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<td>Ashok Kumar Grover, New Delhi</td>
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<td>Miind N. Naik, MD, Hyderabad</td>
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<td>Iran</td>
<td>Mohsen B. Kashkouli, MD, Tehran</td>
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<td>Farzad Pakdel, MD, Tehran</td>
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<td>Israel</td>
<td>Morris E. Hartstein, MD, Raanana</td>
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<td>Guy Ben Simon, MD, Ramatgan</td>
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<td>Italy</td>
<td>Francesco Pietro Bernardini, MD, Genova</td>
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<td>Carlo de Conciliis, MD, Milano</td>
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<td>Francesco Quaranta-Leoni, MD, Rome</td>
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## ASPORS Candidate Members

**ASOPRS Fellows in Training and individuals in the process of applying for membership, post-graduation from an ASOPRS-accredited fellowship**

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  - Joseph Armenia, MD, Birmingham
  - Sarah Mireles Jacobs, MD, Birmingham
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  - Harinder Chahal, MD, Sacramento
  - Thomas Copperman, MD, San Francisco
  - Lilangi Ediriwickrema, MD, San Diego
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  - W. Jordan Piluek, MD, Mountain View
  - Sathyadeepak Ramesh, MD, Los Angeles
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  - Leslie Neems, MD, Aurora
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  - Mahsa Sohrab, MD, New Haven
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  - Erin Lessner, MD
  - Maryam Nazemzadeh, MD
- **Florida**
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  - Nathan W. Blessing, MD, Miami Beach
  - Catherine J. Choi, MD, Miami
  - Brian Tse, MD, Weston
  - William R. Vickers, MD, Fort Pierce
  - Ana Carolina Victoria, MD, Miami

### Japan

- Hiroo Yabe, MD, Tokyo

### Lebanon

- Ramzi Alameddine, MD, Beirut

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- Sara Plazola, MD, Mexico City
- Mario Guillermo Salcedo, MD, Mexico City
- Daniel Silva, MD, Mexico City

### Norway

- Vibeke Vagle, MD, Sandnes

### Philippines

- Reynaldo M. Javate, MD, Manila

### Puerto Rico

- Joseph P. Campbell, MD, Guayanabo
- Jose Raul, Montes, MD, FACS, FACC, San Juan
- Noel Perez, MD, Guayanabo
- Guillermo Pico Sr., MD, San Juan

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- Adel Alsulaibani, MD, Riyadh

### Singapore

- Lee Hooi Lim, MD, Singapore
- Gangadhara Sundar, MD, FRCSEd, FAMS, Singapore

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- Philip C. Peirce, MBCh, FCS, SA, Johannesburg

### South Korea

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- Sang Yeul Lee, MD, Seoul
- Helen Lew, MD, PhD, Seongnam
- Kyung In Woo, MD, Seoul
- Suk-Woo Yang, MD, Seoul
- Jin Sook Yoon, MD, PhD, Seoul

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- Jose Nieto Enriquez, MD, Barcelona

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- Altug Cetinkaya, MD, Ankara
- Pelin Kaynak, MD, Istanbul

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Kira Segal, MD, Ann Arbor
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ASOPRS is pleased to share a Reciprocal Society relationship with the following societies:

Asia Pacific Society of Ophthalmic Plastic & Reconstructive Surgery (APSOPRS)

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