American Association for Pediatric Ophthalmology and Strabismus
48th Annual Meeting, March 29 – April 2, 2023, Final Program, Marriott Marquis, New York, NY

WEDNESDAY, MARCH 29, 2023
7:00 AM – 2:30 PM Finance Committee, Board of Directors Meetings
7:00 AM – 7:00 PM Registration
8:00 AM – 4:00 PM Workshop #1
AAPOS Socioeconomic Committee Pre-Meeting: Growing Your Practices’ Economic Potential: From Basics to Advanced Concepts
Eric A. Packwood, MD; Traci Fritz
Separate Registration/Fee (See separate program for details)
1:00 PM – 4:00 PM Poster Set Up (1st Set)
4:00 PM – 6:00 PM Poster Viewing (1st Set) (Authors not present) CME eligible
4:15 PM – 5:15 PM Workshop #2
OMIC Workshop
OMIC’s Strabismus Claims – New Concerns
Robert S. Gold, MD & Robert E. Wiggins, MD
6:15 PM – 7:00 PM International Attendees Reception
7:00 PM – 9:00 PM Opening Reception

THURSDAY, MARCH 30, 2023
6:30 AM – 5:00 PM Registration
6:30 AM – 8:00 AM Breakfast
6:30 AM – 7:30 AM Poster Viewing (Authors not present) CME eligible
8:00 AM – 10:05 AM Moderators: Robert S. Gold, MD & David K. Wallace, MD, MPH
8:00 AM – 8:05 AM Introduction and Welcome
David K. Wallace, MD, MPH
8:05 AM – 8:20 AM AAPOS President’s Remarks, Honor Awards, Senior Honor Awards, Lifetime Achievement Awards
Robert S. Gold, MD
8:20 AM – 8:25 AM Introduction of Costenbader Lecture
Arlene V. Drack, MD
8:25 AM – 8:50 AM Lecture #1
What We Have Learned from the Infant Aphakia Treatment Study
Scott R. Lambert, MD
8:50 AM – 8:53 AM Presentation Ceremony
Pamela E. Williams, MD

CATARACT – ANTERIOR SEGMENT – NASOLACRIMAL
8:55 AM – 9:02 AM Paper #1
Frequency and Type of Strabismus 5 Years Following Lensectomy for Pediatric Cataract
Katherine A. Lee, MD, PhD
Michael X. Repka, MD, MBA; Desirae R. Sutherland, MPH; Sarah R. Hatt, DBO; Donny W. Suh, MD; G. Robert LaRoche, MD; Rosanne Superstein, MD; David A. Leske, MS; B. Michele Melia, ScM; Raymond T. Kraker, MSPH; Susan A. Cotter, OD, MS; Jonathan M. Holmes, BM, BCh

9:02 AM – 9:09 AM Paper #2
Objective Assessment And Quantitative Analysis of Pediatric Cataracts Using Optical Coherence Tomography: Correlation With Clinical Findings
Savleen Kaur, MD
Jaspree Sukhija, MD; Anand Bhardwaj, MD; Srishti Raj, MD; Jagat Ram, MD

9:09 AM – 9:16 AM Paper #3
Factors Associated with Visual Acuity 5 Years Following Lensectomy for Infantile Cataract
Michael X. Repka, MD, MBA
Bahram Rahmani, MD; Desirae R. Sutherland, MPH; Sarah R. Hatt, DBO; Marielle P. Young, MD; Susanna M. Tamkins, OD; Mitchell B. Strominger, MD; Benjamin G. Jastrzembski, MD; Raymond T. Kraker, MSPH; B. Michele Melia, ScM; Susan A. Cotter, OD, MS; Jonathan M. Holmes, BM, BCh

9:16 AM – 9:23 AM Paper #4
Standard Monofocal Intraocular Lenses Versus Enhanced Monofocal Intraocular Lenses for Children 6-13 Years Old with Pediatric Cataract
Shaza Elzawahry, MD
Hala Elhilali, MD; Ahmed Awadein, MD; Ghada Gawdat, MD; Sara Maher, MD

9:23 AM – 9:27 AM DISCUSSION OF PREVIOUS PAPER
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<tr>
<th>Time</th>
<th>Session</th>
<th>Authors</th>
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<tr>
<td>9:27 AM – 9:34 AM</td>
<td>Paper #5  Anterior Chamber Iris-Claw Intraocular Lens Implantation for Aphakia in Children with Ectopia Lentis in Marfan Syndrome</td>
<td>M. Edward Wilson, MD, Marjie Sminia; Elisabeth Zeeburg van; Nicoline Schalij-Delfos</td>
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<td>9:34 AM – 9:41 AM</td>
<td>Paper #6  Anatomical and Functional Outcomes of Rotational Autokeratoplasty in Children: A Multicenter Retrospective Study</td>
<td>Priscille de Laage de Meux, MD, Damien Guindolet, MD; Georges Caputo, MD; Dominique Bremond-Gignac, MD; Pascal Dureau, MD; Matthieu Robert, MD; Gilles Martin, MD</td>
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<td>9:41 AM – 9:48 AM</td>
<td>Paper #7  Probing and Irrigation versus Primary Nasal Endoscopy for the Treatment of Congenital Dacryocystoceles</td>
<td>Tessnim R. Ahmad, MD, Maanasa Indaram, MD</td>
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<td>9:48 AM – 10:05 AM</td>
<td>PANEL DISCUSSION</td>
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<td>10:05 AM – 11:05 AM</td>
<td>Interactive Poster Session – Author Presentation and Q/A</td>
<td>1st Set of Posters (A1-A120) – Authors Present – CME eligible</td>
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<td>11:05 AM – 11:30 AM</td>
<td>Introduction of the Helveston Lecture</td>
<td>Daniel J. Karr, MD, FAAO, FAAP</td>
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<td>11:30 AM – 11:50 AM</td>
<td>Helveston Lecture</td>
<td>How Research is Evolving the 21st Century Practice of Pediatric Ophthalmology</td>
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<td>11:50 AM – 11:53 AM</td>
<td>Presentation Ceremony</td>
<td>David A. Plager, MD</td>
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**AMBLIOPIA – VISION SCREENING – GENETICS**

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<tr>
<th>Time</th>
<th>Session</th>
<th>Authors</th>
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<tr>
<td>11:55 AM – 12:02 PM</td>
<td>Paper #8  Ethnic Disparity in Timing of Amblyopia Diagnosis</td>
<td>Daniel A. Greninger, MD, James Ruben, MD; Carol Conell, PhD</td>
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<tr>
<td>12:02 PM – 12:09 PM</td>
<td>Paper #9  Randomized Clinical Trial of Patch-Free Streaming Binocular Contrast-Rebalanced Dichoptic Cartoons versus Patching for Treatment of Amblyopia in Children Aged 3 to 5 Years</td>
<td>Reed M. Jost, MS, Prashanthi Giridhar, MD; David R. Stager, Jr, MD; Becky Luu, MD; Lori Dao, MD; Cynthia L. Beauchamp, MD; Taylor A. Brin, PhD; Yi-Zhong Wang, PhD; Robert F. Hess, PhD; Benjamin Thompson, PhD; Eileen E. Birch, PhD</td>
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<td>12:09 PM – 12:16 PM</td>
<td>Paper #10  An Eye-Tracking Based Dichoptic Amblyopia Home Treatment is Comparable to Standard Occlusion for Amblyopia: A Multicenter Randomized Clinical Trial</td>
<td>Tamara Wygnanski-Jaffe, MD, Burton J. Kushner, MD; Michael Belkin, MD; Avital Moshkovitz, PhD</td>
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<td>12:16 PM – 12:20 PM</td>
<td>DISCUSSION OF PREVIOUS PAPER</td>
<td>Eileen E. Birch, PhD</td>
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<td>12:20 PM – 12:27 PM</td>
<td>Paper #11  A Multicentre Centre Randomized Controlled Trial Comparing Patching for Amblyopia with and without Extended Optical Treatment</td>
<td>Irene Gottlob, Frank A. Proudlock; Michael Hisaund; Gail D. Machonachie; Elena Papageorgiou; Ali Manouchehriina</td>
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<td>12:27 PM – 12:34 PM</td>
<td>Paper #12  Failed Vision Screenings and Childhood Refractive Errors: When Do We Actually Prescribe Glasses?</td>
<td>Yoon H. Lee, MD, Brian Forbes, MD; Alyssa Spiller; Yinxi Yu, MS; Gui-Shuang Ying, PhD; Gil Binenbaum, MD, MSCE</td>
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Ocular Biometric Parameters Changes and Choroidal Vascular Abnormalities in Patients with Neurofibromatosis Type 1 Evaluated by OCT-A

Aldo Vagge, MD, PhD
Massimo Nicolò, MD, PhD; Paolo Corazza, MD; Giuseppe Giannaccare, MD, PhD; Paola Camicioni, MD; Carlo Traverso, MD

Foveal Hypoplasia Grading in 95 Cases of Congenital Aniridia: Correlation to Phenotype and PAX6 Genotype

Alejandra Daruich
Matthieu Robert, Pr; Sophie Valleix, Pr; Dominique Bremond-Gignac, Pr

FRIDAY, MARCH 31, 2023

Workshop #5
Cortical/Cerebral Visual Impairment 2023 Update: What You Need to Know
Melinda Chang; Sharon Lehman; Richard Legge; Veeral Shah

Workshop #6
Advanced and Innovative Techniques Managing Strabismus from Orbital Trauma
Linda R. Dagi, MD; Seyhan B. Özkan, MD; Eric D. Gaier, MD, PhD; Federico G. Velez, MD; Hilda Capo, MD

Workshop #7
What's New and Important in Pediatric Ophthalmology
Emily McCourt; Eunice Kohara; Smith Ann Chisholm; Hersh Varma; Lauren Mehner; Casey Smith; Catherine Choi; Robert Tauscher; Alex Khammar; Grace Wang

Workshop #8
Intraoperative Cataract and Anterior Segment Dilemmas: Cases with Expert Opinions
Azam Qureshi; Ken Nischal; M. Edward Wilson; Sarah Eppley

HOW TO USE POSTERIOR AND ANTERIOR OCT AND OCT ANGIOGRAPHY IN YOUR CLINICAL PRACTICE

Workshop #9
Yasmin Bradfield; Savleen Kaur; Mays El-Dairi; Ken Nischal

Workshop #10
Controversies in Pediatric Eye Trauma: An Evidence-Based Topic Debate and Discussion
Ankoor S. Shah; Kara M. Cauatto, MD; Eric D. Gaier, MD, PhD; Efren Gonzalez, MD; Charlotte Gore, MD; Courtney L. Kraus, MD; Prethy Rao, MD; J. Reeves Ellis Samaha, MD, MPH; Natalie C. Weil, MD; Marguerite C. Weinert, MD

Workshop #11
AOC/AAPOS Joint Workshop: Thinking Outside the Botox: A Tribute to Alan Scott
Sarah Whitecross, CO; Doug Fredrick, MD; Alejandra de Alba Campomanes, MD; Joseph L. Demer, MD; William V. Good, MD; Dusty Gronemeyer, CO; Eugene Helveston, MD; David G. Hunter, MD, PhD; Sarah MacKinnon, CO; Gill Roper-Hall, CO

Workshop #12
Pharmapalooza 2023: Drug Updates for the Pediatric Ophthalmologist
Tammy L. Yanovitch, MD, MHSc; Maria Lim, MD; Laura B. Enyedi, MD; Sawyer Vaclaw, BS; R. Michael Siatkowski, MD, MBA

Workshop #13
Novel Strabismus Surgery Techniques – A Hands-On Lab
Kenneth W. Wright, MD; Yi Ning Strube, MD; Rebecca Leenheer, MD; Lisa Thompson, MD; Cem Mocan, MD
WORKSHOPS – SESSION C

10:30 AM – 11:45 AM

Workshop #14
YAAPOS Rapid Fire Cases
Smith Ann Chisholm; Sasha Strul; Zachary Elkin; Lauren Mehner; Stephanie Tillit; Iniya Adhan; Alex Kwok; Tiffany Chen; Bryce Baugh; Carleigh Bruce; Maria Stunkel; Crystal Cheung; Brandon Kennedy; Matthew Javitt

Workshop #15
Myopia and Amblyopia are Common Diagnoses in Pediatric Ophthalmology Practice. When Should You Suspect More?
Alina V. Dumitrescu, MD; Arif O. Khan, MD; Matthew Weed, MD; Janice Zeid, MD; Jaime Tejedor, MD; Kathryn M. Haider, MD; Arlene V. Drack, MD; Jefferson Doyle, MD, PhD, MHS, MA

Workshop #16
AAP Workshop: Transition of Care - Why? When? How?
Gregg T. Lueder, MD; Mary Louise Collins, MD; David Epley, MD; Dan Karr, MD; Alex V. Levin, MD; Sheryl Menacker, MD

11:30 AM – 12:00 PM
Poster Removal (1st Set)

12:00 PM – 1:00 PM
Corporate Sponsored Symposium with lunch (No AAPOS CME)
Eyeing the Problem: Treating and Managing Ocular Manifestations of Nephropathic Cystinosis
Rachel J. Bishop, MD, MPH; Bradley S. Miller, MD, PhD

WORKSHOPS – SESSION D

1:15 PM – 2:30 PM
Workshop #18
Myopia Control: Bringing Near-sighted Treatment into Focus
Brenda Bohnsack; Rahul Bhola; David Epley; Magdalena Stec; Allison Summers; Noreen Shaikh

Workshop #19
Oculoplastics for the Pediatric Ophthalmologist
Smith Ann Chisholm, MD; Daniel Weaver, MD; William Katowitz, MD; Heather Stiff, MD; Jenny Dohlman, MD

Workshop #20
How (Not) to Manage Pediatric Uveitis: Lessons Learned from Complicated Cases
Stefanie L. Davidson, MD; Kara C. LaMattina, MD; Jennifer Jung, MD; Erin Stahl, MD; Bharti Gangwani, MD; Melissa Lerman, MD; Mays El-Dairi, MD

Workshop #21
IPOSC Workshop: Surprises in Pediatric Ophthalmology & Strabismus: Cases with a Twist
Jan Tjeerd de Faber, MD; Faruk Orge, MD; Tamara Wyganski-Jaffe, MD; Scott R. Lambert, MD; Sonal Farzavandi, MD; Rohit Saxena, MD, PhD; Giovanni B. Marcon, MD; Alex V. Levin, MD

WORKSHOPS – SESSION E

2:45 PM – 4:00 PM
Workshop #22
Surgical Management of Childhood Glaucoma - Pearls Learned the Hard Way
Sharon F. Freedman; Alex V. Levin; Allen D. Beck; Ta Chen Peter Chang; Brenda L. Bohnsack; Matthew L. Haynie

Workshop #23
Management of Complex Strabismus: Pearls and Pitfalls
Saurabh Jain; Gillian Adams; Jonathan M. Holmes; Rosario Gomez de Liano; Seyhan B. Ozkan; Jon Peiter Saunte; Federico Velez; Anthony Vivian

Workshop #24
Scratching Below the Surface: Clinical Pearls in Pediatric Ocular Surface Diseases
Kamiar Mireskandari; Asim Ali; Simon Fung; Angela Zhu

Workshop #25
Hot Topics in Pediatric Neuro-Ophthalmology
Jason Peragallo; Melinda Chang; Mays El-Dairi; Gena Heidary; Julius Oatts; Stacy Pineles

3:45 PM – 4:15 PM
Poster Set Up (2nd Set)

4:15 PM – 5:15 PM
Workshop #26
President’s Symposium
The Importance of Storytelling in Medical Practice
Kerry Sanders

5:30 PM – 6:30 PM
Young Ophthalmologists, Senior Ophthalmologists and New Member Reception
SATURDAY, APRIL 1, 2023

6:00 PM – 8:00 PM  Poster Viewing (2nd Set) (Authors not present)

6:30 AM – 7:30 AM  AAPOS 5K Run (Separate Registration/Fee)

6:45 AM – 7:45 AM  Corporate Sponsored Symposium with breakfast (No CME)
A New Reality in Amblyopia Treatment

David Epley; Rupa Wong

7:00 AM – 5:00 PM  Registration

7:00 AM – 8:00 AM  Poster Viewing (2nd Set) (Authors not present) – CME eligible – Breakfast

8:00 AM – 9:50 AM  Moderators:

Catherine O. Jordan, MD & M. Edward Wilson, MD & Yasmin S. Bradfield, MD

GLAUCOMA – NEURO-OPHTHALMOLOGY – REFRACTIVE ERROR

8:00 AM – 8:01 AM  Introduction of the Gunter K. von Noorden Young Investigator Paper

Stacy L. Pineles, MD

8:01 AM – 8:09 AM  Gunter K. von Noorden Young Investigator Award Paper

Paper #15
Childhood Glaucoma Treatment Outcomes: From Case Reports to Big Data Analysis

Ta Chen Peter Chang, MD

8:09 AM – 8:10 AM  Presentation Ceremony

Mohamad S. Jaafar, MD

8:10 AM – 8:17 AM  Risk Factors for Glaucoma Diagnosis and Surgical Intervention following Pediatric Cataract Surgery in the IRIS® Registry

Daniel M. Vu, MD
Tobias Elze, PhD; Joan W. Miller, MD; Alice C. Lorch, MD, MPH;
Deborah K. VanderVeen, MD; Isdin Oke, MD;
IRIS® Registry Analytic Center Consortium

8:17 AM – 8:24 AM  Impact of Socioeconomic Factors on the Outcomes of Childhood Glaucoma

Paper #17
Deborah K. VanderVeen

Isdin Oke; Jean Adomfeh; Muhammad Z. Chauhan; Abdelrahman M. Elhusseiny

8:24 AM – 8:31 AM  Ocular Surface Disease in Childhood Glaucoma

Paper #18
Abid A. Haseeb, MD
Omar Solyman, MD; Dina Abelfattah, MD; Nashwa Sadik, MD;
Taher K. Eleiwa, MD; Ibrahim A. Elsaadani, MD; Hajrah N. Saeed, MD, MPH;
Abdelrahman M. Elhusseiny, MD

8:31 AM – 8:38 AM  Pilot Study Comparing a New Virtual Reality-Based Visual Field Test to Standard Perimetry

Paper #19
Yeabsira Mesfin
Murtaza Saifee; Michael Deiner; Yvonne Ou; Julius Oatts

8:38 AM – 8:45 AM  Performance of a Novel Virtual Reality Automated Perimetry in Patients with Pediatric Glaucoma

Paper #20
Bo Wang
Samuel Alvarez; Mays El-Dairi; Sharon F. Freedman

8:45 AM – 8:51 AM  DISCUSSION OF TWO PREVIOUS PAPERS

Gena Heidary, MD, PhD

8:51 AM – 8:58 AM  One Year Results of Gonioscopy-Assisted Transluminal Trabeculotomy versus Two-Site Rigid-Probe Trabeculotomy in Primary Congenital Glaucoma

Paper #21
Hala Elhilali, MD
Reem M. Abouhassan, MSc; Yasmine M. ElSayed, MD; Amanne Esmael, MD;
Ahmed ElKateb, MD; Ghada Gawdat, MD

8:58 AM – 9:05 AM  Analysis of Ganglion Cell Thinning in Paediatric Papilledema- At What Point Does Visual Function Become Affected?

Paper #22
Michael J. Wan
Andy H. Malem; Y. Arun Reginald, Dr

9:05 AM – 9:12 AM  Predicting Visual Acuity and Myopic Changes in Children Wearing Glasses with a Photoscreener

Paper #23
Sandra Guimaraes, MD, PhD
Maria Joao Vieira, MD; Jose Miguel Vilas Boas

9:12 AM – 9:19 AM  Rebound Effect in Gradual vs. Prompt Cessation of Atropine 0.01% Treatment for Childhood Myopia

Paper #24
Asaf Shemer
Nir Erdinest; Naomi London; Biana Dubinsky-Pertzov; Eran Pras; Yair Morad
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<th>Time</th>
<th>Session</th>
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<tr>
<td>9:19 AM – 9:23 AM</td>
<td>DISCUSSION OF PREVIOUS PAPER</td>
<td>Amy K. Hutchinson, MD</td>
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<tr>
<td>9:23 AM – 9:30 AM</td>
<td>Paper #25</td>
<td>Short-Term Effect of Atropine 0.01% vs Atropine 0.05% on Higher Order Aberration, Retinal Image Quality and Contrast Sensitivity in Progressive Myopia</td>
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<td>Vinay Gupta; Rohit Saxena; Rebika Dhiman; Swati Phuljhele; Jyoti Rawat; JS Titiyal</td>
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<td>9:30 AM – 9:37 AM</td>
<td>Paper #26</td>
<td>Excimer Laser Refractive Surgery Outcomes in 355 Myopic Children Followed an Average 5 Years</td>
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<td>Nicolas Faron; James Hoekel; Margaret Reynolds; Lawrence Tychsen</td>
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<td>9:37 AM – 9:50 AM</td>
<td>PANEL DISCUSSION</td>
<td>Interactive Poster Session – Author Presentation and Q/A</td>
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<td>10:05 AM – 1:00 PM</td>
<td>Moderators:</td>
<td>Deborah M. Alcorn, MD &amp; Oscar A. Cruz, MD &amp; Yasmin S. Bradfield, MD</td>
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<td>10:55 AM – 11:25 AM</td>
<td>AAOPOS Updates</td>
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<td>10:55 AM – 10:59 AM</td>
<td>AAP Update on Continuous Education</td>
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<td>10:59 AM – 11:03 AM</td>
<td>AAP Update</td>
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<td>11:03 AM – 11:07 AM</td>
<td>National Eye Institute Update</td>
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<td>11:07 AM – 11:11 AM</td>
<td>J AAOPOS Update</td>
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<td>11:11 AM – 11:15 AM</td>
<td>IPOS Update</td>
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<td>11:15 AM – 11:19 AM</td>
<td>AAPOS Meetings Update</td>
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<td>11:19 AM – 11:23 AM</td>
<td>Solar Eclipse 2024 Update</td>
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<td>11:25 AM – 11:32 AM</td>
<td>Reoperation following Pediatric Eye Muscle Surgery</td>
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<td>Melissa Li, MS; Gil Binenbaum, MD, MSCE; Xiwei Yang, BA; Alyssa Spiller, BS; Samuel Tadros, MD; Yineng Chen, MS; Gui-Shuang Ying, PhD; Julia E. Reid, MD</td>
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<td>11:32 AM – 11:39 AM</td>
<td>Reoperation after Unilateral Recess-Resect versus Bilateral Lateral Rectus Recessions for Intermittent Exotropia in a Randomized Clinical Trial</td>
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<td>Sean P. Donahue, MD, PhD; Danielle L. Chandler, MSPH; Rui Wu, MPH; B. Michele Melia, ScM; Raymond G. Areaux, MD; Christina A. Esposito, OD; Fatema F. Ghasia, MD; Christine Law, MD; Justin D. Marsh, MD; Raymond T. Kraker, MSPH; Susan A. Cotter, OD, MS; Jonathan M. Holmes, BM, BCh</td>
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<td>11:39 AM – 11:43 AM</td>
<td>DISCUSSION OF PREVIOUS PAPER</td>
<td>Burton J. Kushner, MD</td>
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<td>11:43 AM – 11:50 AM</td>
<td>Non-Absorbable Sutures use in Bi-Medial Rectus Recession and Bilateral Lateral Rectus Recession Improves Surgical Outcomes</td>
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<td>Yair Morad; Lior Or; Eran Pras; Inbal Gazit</td>
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<td>11:50 AM – 11:57 AM</td>
<td>The Outcome of a Dissolvable Adhesion Barrier for Management of Adhesion in Strabismus Surgery</td>
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<td>Michael C. Struck, MD</td>
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<td>11:57 AM – 12:04 PM</td>
<td>Dose Response Analysis of Vertical Central Plication</td>
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<td>Yi Ning J. Strube, MD, MS, FRCSC; Kevin Cheung, BSch, DC; Bella R. Germano; Kenneth W. Wright, MD</td>
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<td>12:04 PM – 12:08 PM</td>
<td>DISCUSSION OF PREVIOUS PAPER</td>
<td>Steven M. Archer, MD</td>
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**STRABISMUS – RETINOBlastOMA – RETINOPATHY OF PREMATURITY**
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<th>Time</th>
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<tr>
<td>12:08 PM – 12:15 PM</td>
<td><strong>Rapid Fire Paper #32</strong> <em>Long Term Outcomes of the Intraoperative Relaxed Muscle Positioning Technique of Strabismus Surgery in Thyroid Eye Disease</em></td>
<td><strong>Justin Muste</strong>&lt;br&gt;Kevin Wang; Elias Traboulsi</td>
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<td>12:15 PM – 12:22 PM</td>
<td><strong>Rapid Fire Paper #33</strong> <em>Single-Center, Long-Term, Real-World Outcomes of Intravenous and/or Intra-Arterial Chemotherapy for Retinoblastoma. Does it Last to 10 or 20 Years?</em></td>
<td><strong>Carol L. Shields, MD</strong>&lt;br&gt;Philip W. Dockery; Pascal Jabbour; Stavropoula Tjoumakaris; Amish Shah; Ann Leahey; Sara E. Lally Jerry A. Shields</td>
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<td>12:22 PM – 12:29 PM</td>
<td><strong>Rapid Fire Paper #34</strong> <em>Efficacy of High-Saturation Oxygen Therapy to Prevent Progression of Late-Stage Retinopathy of Prematurity: A Retrospective Cohort Study</em></td>
<td><strong>Robert J. Minturn</strong>&lt;br&gt;Kelly A. Hartigan; Kok Lim Kua; Sravanthi Vegunta; Charline S. Boente; Kathryn M. Haider</td>
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<td>12:29 PM – 12:36 PM</td>
<td><strong>Rapid Fire Paper #35</strong> <em>Effect of Intravitreal Aflibercept Versus Laser Photocoagulation for Retinopathy of Prematurity: Results from the Phase 3 BUTTERFLEYE Trial</em></td>
<td><strong>Faruk H. Orge, MD</strong>&lt;br&gt;(On behalf of the BUTTERFLEYE Study team)</td>
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<td>12:36 PM – 12:40 PM</td>
<td><strong>DISCUSSION OF PREVIOUS PAPER</strong> <em>J. Peter Campbell, MD, MPH</em></td>
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<td>12:40 PM – 12:47 PM</td>
<td><strong>Rapid Fire Paper #36</strong> <em>Quantifying Laser Burn Spots to Avascular Retina Post-Bevacizumab Treatment in Retinopathy of Prematurity Infants at Different Age Groups</em></td>
<td><strong>Michelle T. Cabrera, MD</strong>&lt;br&gt;Swati Agarwal-Sinha, MD, FASRS; Wei Xue, PhD</td>
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<td>12:47 PM – 1:00 PM</td>
<td><strong>PANEL DISCUSSION</strong></td>
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<td>1:15 PM – 2:00 PM</td>
<td><strong>Corporate Sponsored Symposium with lunch (No CME)</strong> <em>Join the Digital Eye Care Revolution</em></td>
<td><strong>Burton Kushner, MD; Michael Repka, MD; Tamara Wygnanski-Jaffe, MD; Nicholas Sala, DO; Ran Yam</strong></td>
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**RAPID FIRE MEDICAL STUDENT PAPER PREsentations**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>2:15 PM – 3:30 PM</td>
<td>Moderators: <strong>Hilda Capo, MD &amp; Angeline Nguyen, MD</strong></td>
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<tr>
<td>2:15 PM – 2:17 PM</td>
<td><strong>Introduction</strong></td>
<td><strong>Hilda Capo, MD</strong></td>
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<tr>
<td>2:17 PM – 2:20 PM</td>
<td><strong>Rapid Fire Paper #1</strong> <em>Patient Education in Pediatric Ophthalmology: A Systematic Review</em></td>
<td><strong>Tahvi D. Frank, MPH</strong>&lt;br&gt;Steven Rosenberg, MD; Sonali Talsania, MD; Lauren Yeager, MD</td>
</tr>
<tr>
<td>2:23 PM – 2:26 PM</td>
<td><strong>Rapid Fire Paper #3</strong> <em>Association between Socioeconomic Status and Amblyopia Treatment Compliance</em></td>
<td><strong>Thanvi Vatti</strong>&lt;br&gt;Hao-Tinh Le; Andrea Arline; Zain Q. Khawaja; Faruk Orge</td>
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<tr>
<td>2:26 PM – 2:29 PM</td>
<td><strong>Rapid Fire Paper #4</strong> <em>Low-Dose Atropine vs Peripheral Defocus Soft Contact Lenses for Myopia Control</em></td>
<td><strong>Anna Mueller, BS</strong>&lt;br&gt;Juan Gabriel Ruiz Pelaez, MD; Roberto Warman, MD</td>
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<tr>
<td>2:29 PM – 2:32 PM</td>
<td><strong>Rapid Fire Paper #5</strong> <em>What Are Patients Asking Online About Strabismus? An Analysis of the Strabismus Subreddit</em></td>
<td><strong>Parastou Pakravan</strong>&lt;br&gt;Arallya N. Gunawardene; James Lai; Jayanth Sridhar; Kara M. Cavuoto</td>
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<tr>
<td>2:32 PM – 2:35 PM</td>
<td><strong>Rapid Fire Paper #6</strong> <em>Depictions of Strabismus in Children's Animated Films</em></td>
<td><strong>Jintong Liu</strong>&lt;br&gt;Tyler D. Benjamin, MM; Aditya Mantha; Maksym Goryachok; Michael A. Puente, MD</td>
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<tr>
<td>2:35 PM – 2:38 PM</td>
<td><strong>Rapid Fire Paper #7</strong> <em>Physician Reimbursement for Strabismus Surgery versus Cataract Surgery across Provinces and Territories in Canada</em></td>
<td><strong>Kaylin O’Hara</strong>&lt;br&gt;Vishaal Bhambhwani, MD</td>
</tr>
<tr>
<td>2:38 PM – 2:41 PM</td>
<td><strong>Rapid Fire Paper #8</strong> <em>Correction of Co-Existing Small Angle Vertical Deviation by Horizontal Muscle Surgery</em></td>
<td><strong>Urvi Gupta</strong></td>
</tr>
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2:41 PM – 2:44 PM
Rapid Fire Paper #9
Outcomes of Strabismus Surgery in Patients following Teprotumumab Therapy
Grant Hilliard
Natalie Kerr, MD

2:44 PM – 2:47 PM
Rapid Fire Paper #10
Trends in Ocular Injury in Children Two Years and Under from 2017 to 2021 in the United States
Muhammad Z. Chauhan, MS, MA
Paul H. Phillips, MD; Abdelrahman M. Elhusseiny, MD; Ahmed B. Sallam, MD; Sami H. Uwaydat, MD

2:47 PM – 2:50 PM
Rapid Fire Paper #11
Pediatric Ocular Injury: Trends, Seasonality, and Burden from a Large Dataset at a Quaternary-Care Hospital
Blanche L. Kuo
Melissa Yuan, MD; Mihayla Armstrong; Jennifer Welcher; Colin Lemire; Efren Gonzalez, MD; Ankoor S. Shah, MD, PhD

2:50 PM – 2:53 PM
Rapid Fire Paper #12
Optical Coherence Tomography Angiography in Pediatric Glaucomas and Glaucoma Suspects
Namrata Kadambi
Lauren Yoo; Brenda L. Bohnsack

2:53 PM – 2:56 PM
Rapid Fire Paper #13
Characterizing Peripapillary Hyper-Reflective Ovoid Mass-like Structures (PHOMS) in Pediatric Patients with Optic Nerve Pathologies
Jacqueline Jean-Chapman
Gena Heidary; Ryan Gise

2:56 PM – 2:59 PM
Rapid Fire Paper #14
Apparent Diffusion Coefficient (ADC) Differentiates Retinoblastoma from Coats Disease on MRI
Wendy Zhang
Gregg Lueder; Joshua Shimony; Margaret Reynolds

2:59 PM – 3:02 PM
Rapid Fire Paper #15
Semi-Automated Analysis of Dome-Shaped Macula in Premature and Full-Term Infants Using Handheld Swept-Source Optical Coherence Tomography
Joshua N. Dang
Yujiao Zheng; Emily K. Tam, MD; Karen Lee, MD; Sumner E. Lawson; Tatiana R. Monger; Leona Ding; Ruikang Wang, PhD; Michelle T. Cabrera, MD

3:02 PM – 3:05 PM
Rapid Fire Paper #16
The Effect of Erythropoietin on Retinal Function in Children Born Prematurely
Lorena Sisera
James V.M. Hanson, PhD; Jonas Füglistaler; Brida Jeltsch, MD; Cornelia Hagmann, Prof., MD; Jean-Claude Fauchere, Prof., MD; Rachel Heyard, PhD; Christina Gerth-Kahlert, Prof., MD

3:05 PM – 3:08 PM
Rapid Fire Paper #17
Risk Factors for the Development of Retinopathy of Prematurity - A National Analysis
Nitish Sood, BS
Arnav Goyal, BS; Steven Brooks, MD

3:08 PM – 3:11 PM
Rapid Fire Paper #18
Are Eyes with Nasal Location of Retinopathy of Prematurity at Initial Presentation More Likely to Eventually Require Treatment?
Nicole T. Nuidelberg
Zena Ibrahim; Sonia Scallon; Nicole Storey; Paul Feustel; Gerard Barry

3:11 PM – 3:14 PM
Rapid Fire Paper #19
Retinopathy of Prematurity Screening: Prevalence and Risk Factors of Ophthalmic Complications in Non-Treated Preterm Infants
Jacob I. Strelnikov, BA
Rakesh Rao, MD; Shahrriyar Majidi, MD, PhD; Gregg Lueder, MD; Andrew Lee, MD; Margaret M. Reynolds, MD

3:14 PM – 3:17 PM
Rapid Fire Paper #20
The Bile Acid-Gut Microbiome Axis and Retinopathy of Prematurity
Tommy Bui, BS
Brian Stansfield, MD; Rachel Spurrier, DO; Menaka Thounaojam, PhD

3:17 PM – 3:20 PM
Rapid Fire Paper #21
The Efficacy and Safety of Prophylactic Agents in the Prevention of Retinopathy of Prematurity: A Systematic Review and Meta-analysis
Abeer K. Alhindi
Waleed T. Batais; Nada O. Taher; Abdullah A. Ghaddaf; Sarah A. Al-Ghamdi, Dr; Jumanah J. Homsi, Dr; Hashem S. Almarzouki, Dr; Mansour A. Qurashi, Dr

3:20 PM – 3:23 PM
Rapid Fire Paper #22
Effects of Improved Oxygen Management Practices and Technology on Management of Retinopathy of Prematurity in Sub-Saharan Africa - SIBA Phase 2
Sarthak Shah, BS
Sherwin Isenberg, MD; Martha Mkony, MD; Dupe Ademola-Popoola, MD; Scott Lambert, MD
3:23 PM – 3:26 PM
Rapid Fire Paper #23
Quantitative Comparison of Vessel Characteristics of Plus Disease Images Published in the International Classification of Retinopathy of Prematurity Over Time
Weiliang Wang, BS
Sharon F. Freedman, MD; David K. Wallace, MD, MPH; S. Grace Prakalapakorn, MD, MPH

3:26 PM – 3:29 PM
Rapid Fire Paper #24
Ocular Blood Flow Association with Retinopathy of Prematurity Disease Staging using Laser Speckle Contrast Imaging
Danielle Sidelnikov
Tara Balasubramanian; Daniel Shats; Ndidi-Amaka Onyekaba, MD; Urjita Das; Kristin Williams; Janet Alexander, MD

3:29 PM – 3:30 PM
Closing Remarks
Angeline Nguyen, MD

3:45 PM – 4:45 PM
Corporate Sponsored Symposium with tea and desserts (No CME)
Practical Considerations in the Management of VKC: A Case-Based Discussion
Angela Zhu, MD; Simon Fung, MD

5:00 PM – 6:00 PM
Corporate Sponsored Symposium with happy hour (No CME)
Hot Topics in Pediatric Myopia
Robert Clark, MD; K. David Epley, MD; Rupa Wong, MD

6:30 AM – 10:40 AM
Registration

6:30 AM – 8:00 AM
Breakfast

6:30 AM – 7:30 AM
Poster Viewing (2nd Set) (Authors not present) – CME eligible

7:30 AM – 8:00 AM
Poster Removal (2nd Set)

7:30 AM – 9:00 AM
Workshop #27
Difficult Problems – Non-Strabismus
Phoebe Lenhart; Julius Oatts; Tina Rutar; Melinda Chang; Eniolami Dosunmu; Kamiar Mireskandari; Kara LaMattina

9:10 AM – 10:40 AM
Workshop #28
Difficult Problems – Strabismus
William V. Good, MD; Steven Brooks, MD; Susan M. Carden; Linda Dagi, MD; Jane Edmond, MD; Evelyn Paysse, MD; David Plager, MD; Kristina Tarczy-Hornoch, MD

10:40 AM
End of the 2023 Meeting

Hard Board Posters
Poster numbers are subject to change. Please check the final program for poster number at the meeting. Poster Boards are vertically (portrait) oriented.

First Set of Posters – Poster Session A
First set of posters will be displayed from 4:00 PM Wednesday, March 29 – 11:30 AM Friday, March 31

AMBYLOPIA

A1 Avoiding Bias in Randomized Clinical Trials for Amblyopia
Bryson N. Tudor
Raymond T. Kraker; Jonathan M. Holmes

A2 Natural Language Processing to Identify Amblyopia Patients in the Electronic Health Record
Michelle R. Hribar, PhD
Hannah Hsieh; Wei-Chun Lin, MD, PhD; Earnest Kim, PhD; Sunil Samuel, MD; Abigail Lucero, MS; Kellyn N. Bellsmith, MD; Leah G. Reznick, MD

A3 Recovery from Amblyopia in Adulthood: A Meta-Analysis
Eric D. Gaier, MD, PhD
Madison P. Leet; Hannah H. Resnick, MD; Daniel Bowen; Deborah Goss; Mark F. Bear, PhD

A4 Parental Experience in Amblyopia Treatment and its Correlation with Visual Acuity Outcomes: A Pilot Study
Allison R. Bradee, MD
Jackson Lemhouse, BS; Christa J. Prentiss, BS; Leah G. Reznick, MD; Michelle R. Hribar, PhD, MS; Kellyn N. Bellsmith, MD

A5 Perceptual Learning Improves Vision in Adults with Amblyopia and Nystagmus
Sigal Zmujack Yehiam, MD
### A6
Tailoring Amblyopia Treatment with Visually Evoked Potentials (VEPs)

**Marco H. Ji, MD**
Florin Grigorian, MD; Adriana P. Grigorian, MD

### A7
Is Electrodiagnostic Testing Useful Following Treatment Failure or Suboptimal Outcome Post Amblyopia Management? A Retrospective Audit

**Emily Robertson**
Eoghan Millar; Ruth Hamilton

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### A8
Autism as a Cause of Nutritional Xerophthalmia

**Samantha Marek, MD**
Brian Forbes, MD, PhD; Kristin Hammersmith, MD

### A9
Brittle Cornea Syndrome: Clinical Characteristics and Management

**Betul N. Bayraktutar, MD**
Mohamed Khoiery, MD; Elena Franco, MD; Michelle Alabek; Hannah Scanga; Ken K. Nischal, MD

### A10
Corneal Neurotization as a Treatment for Neurotrophic Keratopathy Due to Congenital Causes

**Charline S. Boente, MD, MS**
Asim Ali, MD; Khoa D. Tran, MPH; Sara Williams, MSc; Manokamna Agarwal, MD; Gregory H. Borschel, MD

### A11
Clinical Characteristics of Pediatric Keratoconus

**Marybeth K. Farazdaghi, MD**
Erick D. Bothun, MD; Brian G. Mohney, MD

### A12
Three-Year Outcomes of Corneal Collagen Cross-Linking under General Anesthesia in Pediatric and Developmental Delay Keratoconus Patients

**Shreya Menon, AB**
Tessnim Ahmad, MD; Neel D. Pasricha, MD; Maanasa Indaram, MD

### A13
Outcomes of Surgical Excision for Complex Ocular Choristoma in Children

**Larissa Gouvea**
Manokama Agarwal; Kamiar Mireskandari; Asim Ali

### A14
Technique for the Management of Extensive Ocular Surface Lipodermoid Involving the Cornea in Children

**Elena Franco**
Meghal Gagrani; Vaitheeswaran G. Lalgudi; Parth R. Shah; Phoebe Lenhart; Rahul Bhola; Ken K. Nischal

### A15
Ciclosporin 1mg/ml Cationic Emulsion Reduces Need for Topical Corticosteroids in Vernal, Atopic and Blepharokeratoconjunctivitis

**Annegret H. Dahlmann-Noor, MD, PhD**
Melanie Hingorani, MD, FRCOphth; Kirithika Muthusamy, FRCOphth; Clare Roberts, FRCOphth; Virginia Calder, PhD

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### CATARACT

### A16
Socioeconomic Status and Visual Outcomes in Infantile Aphakia

**Cigdem Ozturk**
Karen Lee; Jade Minor; Nidhi Rana; Kammi Gunton

### A17
Assessing the Effect on Visual Quality in Pediatric Cataracts by the Use of a Novel Tool: Double Pass Aberrometer

**Nur Azem**
Ana Navarrete; Samer Abu-Tair; David Smadja; Irene Anteby

### A18
An Evaluation of the Prevalence of Systemic Conditions in Patients with Bilateral Congenital Cataracts

**Erica Luse**
Yuli Lim; Kimberly Yen

### A19
Pathologic Calcification Contributes to the Formation of Pediatric Cataracts of Different Etiologies

**Sarah H. Rodriguez**
Peter J. Minogue; Viviana M. Berthoud; Eric C. Beyer

### A20
Mydriasis in Paediatric Cataract Surgery using Intracameral Solution

**Jaspreet Sukhija, MD**
Savleen Kaur; Srtshti Raj
A21 Surgical Management and Outcomes of Persistent Fetal Vasculature
Nallely R. Morales-Mancillas, MD
Serena Wang, MD

A22 The Rate of Emmetropization after Early Cataract Removal: A Comparison Between Eyes with PFV and Eyes with Simple Congenital Cataract
Ana Navarrete
Hadas Mechoulam; Milka Matanis-Suidan; Ran David; Irene Anteby

A23 A Model to Predict Refractive Shift After Ocular Growth in Children Undergoing Bilateral Cataract Surgery
Emily Y. Ye, MSCR
Rupal H. Trivedi, MD, MSCR; Bethany Wolf, PhD; M. Edward Wilson, MD

GENETICS

A24 Are Larger Panels better? An Analysis of Comprehensive Next-Generation Sequencing Multigene Panels for the Diagnosis of Inherited Ocular Conditions
Maria F. Villalba
Ta C. Chang

A25 Genetic Testing Identified Causative Variants in 20% of Early-Onset Bilateral Cataracts Cases
Erin D. Stahl, MD
Jamie C. Fox, PhD; Dana M. Talsness, PhD; Sharon F. Freedman, MD;
Bharti R. Nihalani, MD; Deborah K. VanderVeen, MD

A26 Prevalence of Cerebrotendinous Xanthomatosis (CTX) Among Patients Diagnosed With Juvenile-Onset Idiopathic Bilateral Cataracts
Sharon F. Freedman, MD
Bharti R. Nihalani, MD; Erin D. Stahl, MD; Deborah K. VanderVeen, MD

A27 Diagnostic Yield of Retinal Dystrophies in a Diverse Pediatric Population
Charles Miller
Brenda Bohnsack, MD; Safa Rahmani, MD; Valerie Castelluccio; Hantamalala Ralay-Ranaivo;
Jennifer L. Rossen, MD

A28 Clinical and Molecular Findings in Children with a Diagnosis of Blue Cone Monochromacy with Longitudinal Follow-up
Rommel Izaguirre Pereira, MD
Preston Land, BS; Diana S. Brightman, PhD, MS; Robert A. Sisk, MD; Terry L. Schwartz, MD;
Virginia Miralda Utz, MD

A29 Outcomes and Challenges of Voretigene Neparvovec Gene Therapy in the Paediatric Population
Elisabeth De Smit
Weijen Tan; Sian Handley; James Wawrzynski; Dorothy Thompson; Robert Henderson

A30 Patau Syndrome and the Development of Retinal Detachments
Rachel Scott
Zachary Richards; Emily McCourt

A31 Ophthalmic Features of CHARGE Patients Diagnosed with Cortical Visual Impairment
Jillian Eltzroth, MPH
Eniolami Dosunmu, MD

GLAUCOMA

A32 Changes in Intraocular Pressure due to Body Position in Healthy Pediatric Population
Stephanie Suzanne S. Garcia, MD
Theo Stoddard-Bennett; Philip Villanueva, CO; Soh Youn Suh, MD; Stacy Pineles, MD;
Federico Velez, MD; Joseph L. Demer, MD, PhD; Simon Fung, MD

A33 Corneal Biomechanics and Endothelial Cell Characteristics in Pediatric Glaucomas and Glaucoma Suspects
Lauren Yoo
Namrata Kadambi; Brenda L. Bohnsack

A34 Long-Term Glaucoma-Related Adverse Events following Congenital Cataract Surgery at Age 1-6 Months with Intraoperative Intracameral Triamcinolone
Sonal Dangda, MBBS, MS (Ophthalm)
Ashley K. Sherman, MA; Erin D. Stahl, MD

A35 Association between Vascular and Structural Parameters by Optical Coherence Tomography Angiography in Primary Congenital Glaucoma
| A36 | Characterization of the Iris, Ciliary Body, and Anterior Segment Angles in Congenital Glaucoma using Ultrasound Biomicroscopy: A Case-Control Study |
| Radhika Gholap, BS |
| Esther Xu, BA; Libby Wei, MD; Taylor Kolosky, BS; Mohamad Jaafar, MD; Marlet Bazemore, MD; William Madigan, Jr., MD; Janet Alexander, MD |
| A37 | Bruch Membrane Opening Minimum Rim Width in Pediatric Glaucoma using Overhead-Mounted Spectral Domain Optical Coherence Tomography: A Pilot Study |
| Saraniya Sathiamoorthi |
| Allison Umfress; Bo Wang; Sharon Freedman; Mays El-Dairi; Tanya Glaser |
| A38 | Virtual Reality Game-Based Automated Perimetry Performance in Healthy Children |
| Samuel Alvarez, MD |
| Bo Wang, MD, PhD; Emma Taleb, BA; Nathan L. Cheung, OD; Chelsea A. Scriven, OD; Yos Priestley, OD; Mays El-Dairi, MD; Sharon F. Freedman, MD |
| A39 | Retest-Variability of a Virtual Reality Perimeter in Children |
| Sylvia L. Groth, MD |
| Jaron K. Pruett, MS3; Edward F. Linton, MD; Sean P. Donahue, MD, PhD |
| A40 | Transient Narrow Angle Glaucoma of Prematurity: A Novel Glaucomatous Process in Premature Infants |
| Adam Jacobson, MD |
| David Skanchy, MD; Brenda L. Bohnsack, MD, PhD |
| A41 | Ocular Hypertension and Glaucoma in Pediatric Uveities |
| Tiffany A. Chen, MD |
| Abdelrahman M Elhusseiny, MD; Andrew D Brown, OD; Brita S Rook, MD; Ahmed B Sallam, MD, PhD; Bharti R Nihalani, MD |

**NEURO-OPHTHALMOLOGY – OPTIC NERVE**

| A42 | Eye Tracking and Teller Acuity in Children with Cortical/Cerebral Visual Impairment (CVI) |
| Mark S. Borchert, MD |
| Melinda Chang |
| A43 | Relevance of MRI Imaging in Paediatric Ophthalmology |
| Ryad Adrar, MD |
| Lecler Augustin, MD, PhD; Zoe Dobbels, MD; Matthieu P. Robert, MD, PhD; Pr; Martini Ken, MD; Caputo Georges, MD, PhD; Amandine Barjol, MD |
| A44 | Sensorimotor Outcomes in Pediatric Patients with Dorsal Midbrain Syndrome |
| Marguerite C. Weinert, MD |
| Ryan Gise, MD; Eric D. Gaier, MD, PhD; Gena Heidary, MD, PhD |
| A45 | Ocular Torsional Instability-A Neurodiagnostic Sign of Prenuclear Disease |
| Michael C. Brodsky |
| A46 | Longitudinal Clinical Features of Pediatric Hereditary Optic Neuropathy |
| Aaihswariya A. Gulani |
| Batool Sahar Emadi; Ryan Gise; Gena Heidary; Eric D. Gaier |
| A47 | Artificial Intelligence to Classify Fundus Photographs of Pediatric Pseudopapilledema and True Papilledema |
| Melinda Chang, MD |
| Gena Heidary; Shannon Beres; Stacy Pineles; Kleanthis Avramidis; Mohammad Rostami; Shrikanth Narayanan |
| A48 | The Diagnostic Utility of Point-of-Care Ultrasound (POCUS) and Optical Coherence Tomography (OCT) for Papilledema in Children |
| Hannah H. Chiu |
| Michael J. Wan; Mark O. Tessaro; Adrienne Davis |
| A49 | An Analysis of Papilledema Using an OCT Scan in the Pediatric Population |
| Abhinaya Bharath |
| Dorothy Hendricks; Sharon Lehman; Jing Jin |
| A50 | Papilledema and Pseudopapilledema in Children: Vascular Density Analysis with OCT-Angiography |
| Hugo Bouvarel |
| Antoine Gavoille; Nicolas Pianton; Claudia Laitang; Carole Burillon; Aude Taleb |
| A51 | Evaluation of Papilledema Versus Pseudopapilledema in Children |
| Kelsey T. Chen, DO |
Papilledema Secondary to Idiopathic Intracranial Hypertension in Children with Optic Disc Drusen

Robert G. Tauscher, MD
Fiorella R. Gomez, BS; Mehdi Tavakoli, MD

NYSTAGMUS

The Role of Enucleation in the Development of Nystagmus in Children with Retinoblastoma
Andrzej Olechowski
Emma Reed; Zishan Naeem; Mandeep S. Sagoo; M. Ashwin Reddy

Genetic Testing for Initial Evaluation of Idiopathic Infantile Nystagmus
Alexis M. Flowers
Nancy N. Benegas; Anvesh C. Reddy; Allison C. Umfress; Dolly A. Padovani-Claudio; Sean P. Donahue

Visual Outcomes and Clinical Features of Infants with History of Intrauterine Exposure to Drugs of Abuse (IUDE) and Nystagmus
Alexandra Sebren, MD
Veeral Shah, MD, PhD

OCTOPLASTICS

Ocular Involvement in Pediatric Rhabdomyosarcoma - A Single Center Review
Sybille Graef, MD
Dan DeAngelis, MD; Abha A. Gupta, MD; Michael J. Wan, MD

Facial Nerve Palsy in Children: Risk Factors for Severe Visual Loss and Exposure Keratopathy
Manju Bhave
Anthony Vipin Das; Swati Singh

Pediatric Ophthalmologic Outcomes of Marcus Gunn Jaw Winking Synkinesis
Sameera Nadimpalli
Kevin Firl; Adam Jacobson

Frequency of Chalazion Surgery in Children First Treated with Oral Antibiotics
David R. Silbert
Sina Khalili; Heather Modjesky

PRACTICE AND WORKFORCE MANAGEMENT

Publication Rates for Abstracts Presented at the AAPOS Annual Meeting
Oscar A. Cruz, MD
Joshua S. Kim, BS; Scott A. Larson, MD; Tiffany S. Fung, BS

Gender Representation in Pediatric Ophthalmology at the American Academy of Ophthalmology Annual Meeting from 2018-2022
Lauren Hucko
Sarah Pajek; Hailey Robles-Holmes; Arjun Watane; Jayanth Sridhar; Kara Cuvuto

Pediatric Chief Medical Officer/ Medical Director Perspectives on the Role of Pediatric Ophthalmologists in their Hospital
Arsalan A. Ali
Eric A. Packwood, MD

 Discrimination, Bullying and Sexual Harassment Experienced by Pediatric Ophthalmologists
Angeline M. Nguyen, MD
Sarah Pike; Mark Reid, PhD; Jesse Berry, MD; Jessica Chang, MD; Jenny Chen, MD; Annie Nguyen, MD; Melinda Y. Chang, MD

Edutainment Videos for Teaching Pediatric Ophthalmology and Strabismus to Medical Students and Residents: A Pilot Study
Joy Li, AB
Angeline M. Nguyen, MD; Ajay Soni, MD; Michelle T. Cabrera, MD; Matthew Gearinger, MD; Evan Silverstein, MD; Annie Kuo, MD; Thomas C. Lee, MD; Sudha Nallasamy, MD

PRACTICE MANAGEMENT – PUBLIC HEALTH

At-Home Pupil Dilation During the COVID-19 Pandemic in the Pediatric Population
Rina Su, MD
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<th>Title</th>
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<tbody>
<tr>
<td>A66 Patient Characteristics Associated with Telemedicine Utilization in Pediatric Ophthalmology Visits During the COVID-19 Pandemic</td>
<td>Jenay Yuen; Neha Pondicherry; Sandra Perez, MD; Sudha Nallasamy, MD; Allison R. Loh, MD; Alejandra G. de Alba Campomanes, MD, MPH</td>
</tr>
<tr>
<td>A67 Socioeconomic Analysis of Pediatric Closed-Globe Injuries at a Quaternary Care Hospital</td>
<td>Melissa Yuan, MD; Blanche Kuo; Mikhaila Armstrong; Jennifer Welcher; Colin Lemire; Efren Gonzalez, MD; Ankoor S. Shah, MD, PhD</td>
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<tr>
<td>A68 An Analysis of Pediatric Ophthalmology Content on Instagram</td>
<td>Rucha K. Borkhetaria, BS; Amanda L. Ely, MD</td>
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<tr>
<td>A69 Social Media and the Strabismus Surgery Experience</td>
<td>Tiffany Eatz; Meghana Kalavar, MD; Michael Birnhak; Hasenin Al-khersan; Jayanth Sridhar, MD; Kara M. Caviuto, MD</td>
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<tr>
<td>A70 Characterization of Strabismus in the Veteran Health Administration System</td>
<td>John H. Lillvis; Robert Finley; Leah A. Owen; Margaret DeAngelis</td>
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<tr>
<td>A71 Evaluation of Publicly Available Online Source Material for Amblyopia</td>
<td>Sarah McCord, MD; Courtney Kraus, MD</td>
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<tr>
<td>A72 Evolution of Myopia in Children with Stickler Syndrome</td>
<td>Matthieu P. Robert; Alexandre Dentel; Alejandra Daruich; Olivia Xerri; Dominique Bremond-Gignac</td>
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<tr>
<td>A73 Effect of COVID-19 Lockdown on Myopia Progression of School-aged Children: A Retrospective Chart Review</td>
<td>Dalia El Hadi, MD; Hassan Moukhadder, MD; Hana Mansour, MD; Zahi Wehbi, MD; Alaa Bou Ghannam, MD; Christiane Al-Haddad, MD</td>
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<tr>
<td>A74 Pediatric Myopia Prevalence Before and After the Initial COVID-19 Pandemic</td>
<td>Eva Teng; Christina Scelfo</td>
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<td>A75 Myopia Control with Extended Depth of Focus Multifocal Contact Lenses</td>
<td>Carolyn R. Lederman, MD</td>
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<tr>
<td>A76 Myopia Control - A Retrospective Analysis of Low-Dose Atropine and Peripheral Defocus Contact Lenses at an Urban Academic Institution</td>
<td>Noreen Shaikh, OD; Magdalena Stec, OD; Brenda Bohnsack, MD, PhD</td>
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<td><strong>RETINA</strong></td>
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<tr>
<td>A77 Peripheral Hemorrhagic Detachment of the Internal Limiting Membrane in Abusive Head Trauma</td>
<td>Adam Rockter, BS; Ralph Eagle, MD; Albert Chu, MD; Alex V. Levin, MD</td>
</tr>
<tr>
<td>A78 The Effect of Erythropoietin on the Macular Structural and Vascular Characteristics in Children Born Prematurely</td>
<td>Brida M. Jeltsch, MD; James V.M. Hanson, PhD; Jonas Füglistaler; Lorena Sisera; Cornelia Hagmann, Prof., MD; Jean-Claude Fauchère, Prof., MD; Rachel Heyard, PhD; Christina Gerth-Kahlert, Prof., MD</td>
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<td><strong>RETINOBLASTOMA</strong></td>
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<tr>
<td>A79 Visual Function and Quality of Life of Retinoblastoma Survivors</td>
<td>Jacob Wise; Robert Hayashi; Tiffany Wu; Amer Al Badawi; Allison King; Mae Gordon; Gregg Lueder; Margaret Reynolds</td>
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Staging Mexican Retinoblastoma Patients Using the Updated TNM Classification

Eduardo Camacho-Martinez
Marco Antonio Ramirez-Ortiz

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William Johnson, MD
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Second Set of Posters

**Second Set of Posters – Poster Session B**

Second set of posters will be displayed from 4:30 PM Friday, March 31 – 8:00 AM Sunday, April 2

**AMBYLOPIA**

B1   IoT Patch with Built-In Micro-Sensor: Real-Time Monitoring of Occlusion Therapy  
Songa Che  
Ji-Woo Hwang; A-Uk Kim; Yung-Ju Yoo

B2   Binocular Treatment for Amblyopia: A Meta-Analysis of Randomized Clinical Trials  
Matilde Roda  
Nicola Valsecchi; Natalie di Geronimo
B3 Oculomotor Abnormalities and Contrast Balanced Dichoptic Treatments in Amblyopia
**Fatema Ghasia**
Sinem Beylergil; Jordan Murray; Gokce Cakir; Alexa Kaudy; Aasef Shaikh

B4 Factors Associated with Visual Acuity Improvement with a Binocular Digital Therapeutic for Amblyopia
**Isdin Oke**
Eric D. Gaier; Michael X. Repka

B5 Optical Coherence Tomographic Angiography-Based Retinal Vascular Density Changes at the Macula in Children with Unilateral Amblyopia
**Gorka Sesma, MD**
Tasnim Almairi, MD; Heba Khashoggi, OD; Fahad Aljohar, OD

ANTERIOR SEGMENT

B6 Scleral Lens Visual Rehabilitation After Selective Endothelial Removal in Peters’ Anomaly
**Lucie B. Moore**
Penny Straughn, OD; Casey Beal, MD

B7 Exposure Keratopathy in Hospitalized Patients at a Tertiary Care Children's Hospital
**Leyla Yavuz Saricay**
Ryan Gise; Isdin Oke; Eric Gaier; Bharti R. Nihalani; Joseph Griffith; Ankoor S. Shah; Gena Heidary

B8 Rise in The Incidence of Pediatric Severe Blepharokeratoconjunctivitis During The COVID-19 Pandemic
**Asim Ali**
Ramez Barbara; Sina Khalili; Kamiar Mireskandari

B9 Blepharokeratoconjunctivitis Outcomes in Children
**Kamiar Mireskandari**
Ramez Barbara; Sina Khalili; Asim Ali

B10 Preliminary Outcomes of Cyclosporine Ophthalmic Emulsion 0.05% Use in Pediatric Blepharokeratoconjunctivitis
**Tiffany L. Huang, MD**
Liane O. Dallalzadeh, MD; Simon S. Fung, MD MA FRCOphth

B11 Efficacy of Cyclosporine A Cationic Emulsion (CsA CE) in Patients with Vernal Keratoconjunctivitis (VKC) not Needing Rescue Medication: Pooled VEKTIS
**Kara M. Cavuoto, MD**
Dominique Bremond-Gignac, MD, PhD, FEBO; Serge Doan, MD; Pierre-Jean Pisella, MD; Sherif El-Harazi, MD, MPH; Andrea Leonardi, MD

B12 Usability of Delivery Aid for Vernal Keratoconjunctivitis Single-Dose Treatment
**Keyla N. Lebron, MD, MMed**
Annegret Dahlmann-Noor, Dr, med, PhD, FRCOphth, FRCS (Ed) DipMedEd

B13 Clinical Outcomes in Pediatric Tubulointerstitial Nephritis and Uveitis Syndrome (TINU) - A Multicenter Review
**Mallory Mandel, MD, MPH**
Abdelrahman Elhusseiny, MD; Stefanie Davidson; Adam Rockter; Alex Levin; Laura Huang; Crystal Cheung; Erin Stahl; Ashley Cooper; Jing Jin; Catherine Jordan; Jennifer Jung; Virginia Utz; Sheila Angeles-Han; Isdin Oke; Bharti Nihalani-Gangwani, MD

B14 Comparison of Uveitis Incidence by Medication in Juvenile Idiopathic Arthritis and Implications for Screening
**Brenda L. Bohnsack**
Henry S. Bison; Timothy Janetos; David L. Zhang; Jessica Song; Hans Gao

B15 Leukemic Relapse in the Anterior Segment of the Eye: A Systematic Review & Meta Analysis
**Nathan J. Brown, BS**
Todd R. Christensen, OD; Thomas B. Gillette, MD; Andrew W. Stacey, MD, MSc

B16 Characterization of the Anterior Eye in Trisomy 21 Patients
**Esther M. Xu**
Dhruv M. Shah; Radhika S. Gholap; Moran R. Levin; Grace Forbes; Taylor Kolosky; Janet L. Alexander

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A Comparison of Aphakic Contact Lenses in Children - 1 Year Follow Up Data

Magdalena Stec, OD
Noreen Shaikh, OD; Brenda Bohnsack, MD, PhD

Primary Iris Claw Intraocular Lens Implantation in Children

Claudia Castro, MD
Larissa Gouvea, MD; Sara Williams, MSc; Asim Ali, MD

IOL Calculation in Pediatric Cataract with Immersion Ultrasound and SRK/T Formula in a Mexican Population

Yordan R. Miranda-Cepeda
Andrea Rangel-Padilla; Sara Gonzalez-Godinez; Hector J. Morales-Garza; Indumathi Krishnan-Sivados; Cinthya E. Parra-Bernal; Eugenia M. Ramos-Davila; Juan H. Paez-Garza

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Jylan Gouda, MD
Christina S. Farag, M.Sc; Dina Elfyoumini, MD; Ghada Gawdat, MD; Yasmine Elsayed, MD; Ammane E. Faisal, MD; Hala Elhilali, MD

Safety of Simultaneous Bilateral Intraocular Surgery in Pediatric Patients: Long-Term Outcomes

Serena Wang, MD
Nallely R. Morales-Mancillas, MD

Incidence and Risk Factors of Retinal Detachment after Pediatric Cataract Surgery (A Tertiary Center Model)

Heba Fouad
Jylan Gouda; Christina Ibrahim; Rasha Zedan; Ahmed Awadein; Heba Elgendy; Hala Elhilali

Prevalence of Retinal Detachment in Pediatric Cataract Population

Malack Hamade
Rupal Trivedi, MD; M. Edward Wilson, MD

Risk Factors for Endophthalmitis after Pediatric Cataract Surgery Using Insurance Claims Database

Lindsay Y. Chun, MD
Chuanhong Liao, MS; Sarah M. Hilkert Rodriguez, MD, MPH

Glaucoma following Microspherophakia: A Report of 29 Cases

Bharti R. Nihalani-Gangwani, MD
Deborah K. VanderVeen, MD

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Intravitreal Cerliponase Alfa for the Treatment of Neuronal Ceroid Lipofuscinosis Type 2 (CLN2) Related Retinal Dystrophy: A First in Man Report of Ocular Enzyme Replacement

Ana Catalina Rodriguez Martinez, MD
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Shivania Reddy
Russell Simmers; Arth Shah; Natario Couser

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Yoav Gildai
Moe H. Aung; Jane Edmond; Linda Lawrence; G. Vike Vicente; Sylvia R. Kodsi

Chorioretinal Lesions in Chronic Granulomatous Disease

Denis Georgelin
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Mary K. Munsell
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Long Term Efficacy of Intravitreal Melphalan Chemotherapy for Vitreous Seeding in Retinoblastoma
Ghaida Alahmadi
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Direct Medical Costs of Globe Preservation in Patients with Group C-E Retinoblastoma
Jennifer L. Rossen, MD
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RETINOPATHY OF PREMATURITY

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