

## American Association for Pediatric Ophthalmology and Strabismus

51<sup>st</sup> Annual Meeting, March 18-22, 2026, Preliminary Program, Boston, MA

### WEDNESDAY, MARCH 18, 2026

8:00 AM – 2:30 PM	Board of Directors Meeting
12:00 PM – 8:00 PM	Registration
1:00 PM – 4:00 PM	Poster Set Up (1 <sup>st</sup> Set)
4:00 PM – 6:00 PM	Poster Viewing (1 <sup>st</sup> Set) (Authors not present) CME eligible
4:15 PM – 5:15 PM	Corporate Sponsored Symposium (No CME)
6:15 PM – 7:00 PM	International Attendees Reception
7:00 PM – 9:00 PM	Opening Reception

### THURSDAY, MARCH 19, 2026

6:30 AM – 5:00 PM	Registration
6:30 AM – 7:45 AM	Breakfast
6:30 AM – 7:30 AM	Poster Viewing (Authors not present) CME eligible
7:45 AM – 7:50 AM	Introduction and Welcome <b>Yasmin S. Bradfield, MD</b>
7:50 AM – 8:05 AM	AAPOS President's Remarks, Honor Awards, Senior Honor Awards, Lifetime Achievement Awards, Outstanding Mentor/Educator Award, Outstanding Advocate Award, Outstanding Humanitarian/Service Award, Outstanding Emerging Leader Award <b>David G. Hunter, MD, PhD</b>
8:05 AM – 8:15 AM	Advocacy Update <b>Shelagh Foster, JD; Christopher C. Rorick, MPA, Polsinelli</b>
8:15 AM – 8:20 AM	Introduction of Costenbader Lecture <b>Paul H. Phillips, MD</b>
8:20 AM – 8:45 AM	Costenbader Lecture Ocular Motor Atavisms: The Evolutionary Basis of Infantile Strabismus and Nystagmus <b>Michael C. Brodsky, MD</b>
8:45 AM – 8:48 AM	Presentation Ceremony

### AMBLYOPIA – NEURO-OPHTHALMOLOGY – GENETICS

8:50 AM – 8:57 AM	Randomized controlled trial of a timing-dependent synaptic plasticity driven approach to amblyopia treatment <b>Eileen Birch</b>
8:57 AM – 9:04 AM	Analysis of Qualitative and Quantitative Visual Acuity Measurements in Optic Nerve Hypoplasia <b>Serena Choi</b>
9:04 AM – 9:11 AM	Prevalence of Optic Nerve Hypoplasia in Neurofibromatosis Type 1 <b>Moutaz Rawashdeh</b>
9:11 AM – 9:18 AM	Automated perimetry in pediatric neuro-ophthalmic conditions: a comparison of virtual reality and tabletop visual field testing <b>Jeffrey Liu</b>
9:18 AM – 9:25 AM	Diagnostic Concordance of ChatGPT-4.0 in Electroretinogram Interpretation Compared with Human Experts <b>Salma Yassine</b>
9:25 AM – 9:32 AM	First use of patient-derived retinal organoids to evaluate a personalized antisense oligonucleotide treatment of for a child with Posterior Column Ataxia with Retinitis Pigmentosa <b>Natalia Vergara</b>
9:32 AM – 9:36 AM	DISCUSSION OF PREVIOUS PAPER <b>Alina Dumitrescu</b>
9:36 AM – 9:43 AM	Validation of a Novel Corneal Cystine Crystal Score: Correlations with Imaging, Symptoms, and Visual Outcomes in Cystinosis <b>Kimia Rezaei</b>
9:43 AM – 10:00 AM	PANEL DISCUSSION

10:00 AM – 11:00 AM	Interactive Poster Session – Author Presentation and Q/A – <b>1<sup>st</sup> Set of Posters</b> <b>Regular Poster Session (A1-100)</b> Galleria Room <b>Medical Student Poster Session (MS A1-A40)</b> Burroughs Room <b>Authors Present – CME eligible</b> (Odd Numbered Posters 10:00 – 10:35; Even Numbered Posters 10:25 – 11:00)
11:05 AM – 11:35 AM	Presentation of Parks Medals and Children's Eye Foundation of AAPOS Update
11:40 AM – 11:45 AM	Introduction of the Jampolsky Lecture
11:45 AM – 12:05 PM	Jampolsky Founders Series Lecture Childhood Blindness and Musicality: Science and Magic <b>Bradley C. Black, MD</b>
12:05 PM – 12:08 PM	Presentation Ceremony

## REFRACTIVE ERROR – STRABISMUS – STRABISMUS SURGERY

12:10 PM – 12:17 PM	New Design Peripheral Defocus Spectacle Lens vs. Single-Vision for Slowing Myopia Progression in Children: Randomized Controlled Trial – 2 year results <b>Chaim Stoloovitch</b>
12:17 PM – 12:24 PM	Consent for Resident Participation in Pediatric Strabismus Surgery <b>Stephanie Dotchin</b>
12:24 PM – 12:31 PM	Congenital Superior Oblique Palsy- Etiology and Success of Early Endoscopic Craniosynostosis surgery <b>Kenneth Wright</b>
12:31 PM – 12:35 PM	DISCUSSION OF PREVIOUS PAPER <b>Linda Dagi</b>
12:35 PM – 12:42 PM	Development of an AI-based Smartphone Application for Automated Pre-Screening of Strabismus <b>Havvanur Bayraktar</b>
12:42 PM – 12:49 PM	Interpretable biometrics-based machine learning for automated quantification of horizontal manifest deviations in pediatric strabismus <b>Rahul Dhodapkar</b>
12:49 PM – 12:56 PM	A Novel Machine Learning Calculator for Strabismus Surgical Planning Incorporating Multiple Preoperative Variables and Big Data <b>Michal Blau Most</b>
12:56 PM – 1:10 PM	PANEL DISCUSSION
1:20 PM – 2:05 PM	Corporate Sponsored Symposium
2:15 PM – 3:05 PM	SEC Practice Management Workshop: The New Evaluation and Management Medical Decision-Making Grid for Pediatric Ophthalmology <b>Danielle Ledoux, Heather Modjesky, Hawke Yoon</b>
3:10 PM – 3:55 PM	OMIC Workshop Severe Complications of Strabismus Surgery <b>Jinali Dora, Aaron Miller</b>
4:05 PM – 4:30 PM	AAPOS Business Meeting
4:30 PM – 6:30 PM	Jampolsky Founders Series Exhibitor Reception

## FRIDAY, MARCH 20, 2026

6:30 AM – 5:00 PM	Registration
6:30 AM – 7:00 AM	Poster Viewing (1 <sup>st</sup> Set) (Authors not present) CME eligible
6:30 AM – 7:30 AM	Breakfast

## WORKSHOPS – SESSION A

7:00 AM – 8:15 AM	Practical Perspectives on Adult Strabismus: From Diagnosis to Surgical Management / AAPOS Adult Strabismus Committee Workshop <b>Hilda Capo, Jason Peragallo, David Granet, Kammi Gunton, Sean Donahue, Luis Javier Cardenas Lamas, Shatha Alfreihi, Linda Dagi, Maanasa Indaram, Manju Bhate, Yi Ning Strube, Leila Khazaeni, Jasleen Singh, Saurabh Jain</b>
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Cerebral/cortical visual impairment (CVI): a multidisciplinary approach

**Melinda Chang, Sharon Lehman, Todd Murdock, Lotfi Merabet, Rachel Bennett**

Pediatric glaucoma debates: the basics and the unexplored

**Matthew Haynie, Sharon Freedman, Brenda Bohnsack, Michelle Go, Allen Beck, Alex Levin**

What's New and Important in Pediatric Ophthalmology and Strabismus 2026

**Casey Smith, Lauren Diroff, David Ramirez, Katherine Brown, Breanna Tracey, Grace Wang, Leah Reznick, Sudhi Kurup, Kelly Ruland**

### WORKSHOPS – SESSION B

8:30 AM – 9:45 AM

Leadership in Pediatric Ophthalmology and Strabismus: Practical Lessons and Strategies from the Experts

**Laura Enyedi, Stephen Christiansen, David Wallace, Susan Culican, David Hunter, Jane Edmond**

Horses and Zebras--Pediatric Anterior Segment Findings You Don't Want to Miss

**Phoebe Lenhart, Nallely Morales-Mancillas, Angela Zhu, Kamiar Mireskandari, Carolina Adams, Simon Fung, Larissa Gouvea**

Happy Patients, Happy Families, Happy Staff - Tips and Tricks to Make Happier Doctors

**Gregg Lueder, Eric Packwood, Courtney Kraus, K David Epley, Brian Campolattaro, Tamara Wygnanski-Jaffe**

ISA Workshop: Challenging Duane cases from around the world

**Andrea Molinari, Kyle Arnoldi, Hala Elhilali, Arif Khan, Saurabh Jain, Suma Ganesh**

9:45 AM – 10:30 AM

Refreshment Break and Exhibit Viewing

### WORKSHOPS – SESSION C

10:30 AM – 11:45 AM

Contemporary Ethical Dilemmas in Pediatric Ophthalmology: Guidance for Clinicians, Scientists, and Trainees

**Megan Collins, Jefferson Doyle, Yasmin Bradfield, Cynthia Beauchamp, Kamiar Mireskandari, Alejandra de Alba Campomanes, Elias Traboulsi**

Common (and uncommon) surgical techniques in strabismus surgery: A video based workshop

**Saurabh Jain, Jon Peiter Saunte, Erick Bothun, Andrea Molinari, David Plager**

Childhood Cataract: Realities, Surgery & Beyond

**Ramesh Kekunnaya, Srijana Adhikari, Melinda Chang, M Edward Wilson, Deborah VanderVeen, Alex Levin, Goura Chattannavar**

Evidence-based management of Intermittent exotropia: a synthesis of PEDIG studies 2012-2025

**Stacy Pineles, Sean Donahue, Allison Summers, Stephen Christiansen, Angela Chen, Jonathan Holmes, Michael Repka, Brian Mohney**

11:30 AM – 12:00 PM

Poster Removal (1<sup>st</sup> Set)

12:00 PM – 1:00 PM

Corporate Sponsored Symposium (No CME)

### WORKSHOPS – SESSION D

1:15 PM – 2:30 PM

Botulinum Toxin in Strabismus for the Pediatric Ophthalmologist in 2026 – What/How/When/Why

**Ryan Gise, Ankoor Shah, Michael Wan, Michael Nguyen, David Hunter, Crystal Cheung**

Technology Made Ridiculously Simple: Practical Tips to Improve Your Practice and Quality of Life

**Maanasa Indaram, Tanya Glaser, Julius Oatts, Evan Silverstein, Laura Enyedi**

Genetic eye disorders in children: Five practice pearls

**Virginia Utz, Razek Coussa, Emily McCourt, Elias Traboulsi, Jose Cijin Puthussery, Jennifer Rossen, Arif Khan, Alex Levin, Gerald Zaidman, Alina Dumitrescu, Laryssa Huryn**

AOC Workshop: Nystagmus: Practical Evaluation and Management  
**Sarah Whitecross, Lindsay Klaehn, Gena Heidary, Mark Borchert,  
 Madison Kincade**

### WORKSHOPS – SESSION E

2:45 PM – 4:00 PM	Treating iatrogenic strabismus from scleral buckles, glaucoma hardware, orbital plates and after endoscopic sinus surgery <b>Linda Dagi, Federico Velez, Hilda Capo, Manju Bhate, Vivekanand Warkad</b>
	Congenital and Acquired Optic Neuropathies – What Not to Miss <b>Ryan Gise, Lauren Ditta, Jason Peragallo, Gena Heidary, Mays Dairi, Melinda Chang</b>
	Advocacy in Action: Turning Challenges Into Change with the AAPOS Advocacy Committee <b>Anne Langguth, Michelle Falcone, Chris Rorick, Michael Puente, Danielle Ledoux, Shelagh Foster, Stacey Kruger</b>
	Successful medical student research mentorship strategies in pediatric ophthalmology <b>Allison Summers, Andrew Lee, Courtney Kraus, Maria Jessica Cruz, Janet Alexander, Sharon Freedman, Megan Collins, Fountane Chan</b>
3:45 PM – 4:15 PM	Poster Set Up (2 <sup>nd</sup> Set)
4:15 PM – 5:15 PM	President's Symposium <b>John Samuel, Author</b>
5:30 PM – 6:30 PM	Young Ophthalmologists, Senior Ophthalmologists and New Member Reception

### SATURDAY, MARCH 21, 2026

6:15 AM – 7:30 AM	5K Run/Walk
6:45 AM – 7:45 AM	Corporate Sponsored Symposium (No CME)
7:00 AM – 5:00 PM	Registration
7:00 AM – 8:00 AM	Poster Viewing (2 <sup>nd</sup> Set) (Authors not present) CME eligible
7:00 AM – 8:00 AM	Breakfast
8:00 AM – 8:01 AM	Introduction of Gunter K. von Noorden Young Investigator Award Paper
8:01 AM – 8:09 AM	Gunter K. von Noorden Young Investigator Award Paper Eye Tracking to Detect and Characterize Cerebral/Cortical Visual Impairment (CVI) in Children with Developmental Delays and Neurogenetic Syndromes <b>Melinda Chang</b>
8:09 AM – 8:10 AM	Presentation Ceremony

### OCULOPLASTICS – PUBLIC HEALTH – REFRACTIVE ERROR – STRABISMUS – STRABISMUS SURGERY – GLAUCOMA

8:10 AM – 8:17 AM	Management of subperiosteal orbital abscess in the pediatric population: a comparative study <b>Anat Bachar Zipori</b>
8:17 AM – 8:24 AM	Equity in Access to Pediatric Eye Care Clinical Trial Sites: A Geographic Service Coverage Analysis of the United States <b>Ahmad Alzein</b>
8:24 AM – 8:31 AM	Pediatric refractive error trends from 2002 to 2025 <b>Nesime Tiskaoglu</b>
8:31 AM – 8:38 AM	Escalation, Adherence, and Tapering: Real-World Myopia Control Outcomes in U.S. Children <b>Soh-Youn Suh</b>
8:38 AM – 8:45 AM	The STudy of Atropine to Reduce (STAR) Myopia Progression in Children: A Randomized, Double-Masked Clinical Trial of Low-Dose Atropine <b>Tina Rutar</b>
8:45 AM – 8:52 AM	Myopia control biomarker, short-term axial length reduction, following induced digital peripheral defocus <b>Tamara Wygnanski-Jaffe</b>
8:52 AM – 8:56 AM	DISCUSSION OF PREVIOUS PAPER <b>Rosario Gomez de Liano</b>

8:56 AM – 9:03 AM	Ciliary Muscle Dysregulation in Duane Retraction Syndrome: Objective Evidence of Tonic and Dynamic Accommodative Deficits <b>Soner Guven</b>
9:03 AM – 9:10 AM	Imaging guidelines for new onset esotropia in children <b>Anna Chen</b>
9:10 AM – 9:17 AM	A Multicentre Analysis of the Efficacy of a Combined Recession-Resection Procedure in Incomitant Strabismus: Outcomes and Dose-Response Insights <b>Ken Kawamoto</b>
9:17 AM – 9:21 AM	DISCUSSION OF PREVIOUS PAPER <b>Oscar Cruz</b>
9:21 AM – 9:28 AM	Surgical Outcomes of Combined Resection–Recession in Children with Esotropia and Distance–Near Disparity <b>Anna Maino</b>
9:28 AM – 9:35 AM	Three-year Outcomes of Gonioscopy-Assisted Transluminal Trabeculotomy in Primary Congenital Glaucoma <b>Rokaya Radwan</b>
9:35 AM – 9:42 AM	Incidence and Prevalence of Glaucoma Surgery Following Pediatric Corneal Transplant from 2015-2024 <b>Aron Sebhat</b>
9:42 AM – 10:00 AM	PANEL DISCUSSION
10:00 AM – 11:00 AM	Interactive Poster Session – Author Presentation and Q/A – <b>2<sup>nd</sup> Set of Posters</b> <b>Regular Poster Session (B1-100)</b> Galleria Room <b>Medical Student Poster Session (MS B1-A40)</b> Burroughs Room <b>Authors Present – CME eligible</b> (Odd Numbered Posters 10:00 – 10:35; Even Numbered Posters 10:25 – 11:00)

#### **CATARACT – ANTERIOR SEGMENT –RETINOPATHY OF PREMATUREITY**

11:05 AM – 11:12 AM	Outcomes in 39 Children with High Hyperopic Ametropia Implanted with Phakic Ophtec IOL <b>Nicholas Faron</b>
11:12 AM – 11:16 AM	DISCUSSION OF PREVIOUS PAPER <b>M. Edward Wilson</b>
11:16 AM – 11:23 AM	Biometric Development, Refractive Outcomes and IOL-Formula Adjustment in Infants with Congenital Cataract: A Large Retrospective Cohort Study <b>Ramesh Kekunnaya</b>
11:23 AM – 11:30 AM	Classification of congenital white cataract using Ultrasound Biomicroscopy and correlation with intra-operative release of fluid during anterior capsulotomy <b>Kajree Gupta</b>
11:30 AM – 11:37 AM	Cataract surgery in paediatric eyes with silicone oil: anterior segment outcomes <b>Jian Chew</b>
11:37 AM – 11:44 AM	Incidence of Uveitis after Pediatric Cataract Surgery in the IRIS® Registry <b>Naira Ikram</b>
11:44 AM – 11:51 AM	Non-Invasive Epithelium-on Oxygen-Enriched Corneal Collagen Crosslinking for the Treatment of Pediatric Patients with Keratoconus <b>Michael Raizman</b>
11:51 AM – 11:58 AM	Corneal crosslinking in children with Keratoconus ages 3 to 16 years: topographic diagnostic criteria and surgical outcomes <b>Naira Pereyra-Munoz</b>
11:58 AM – 12:02 PM	DISCUSSION OF PREVIOUS PAPER <b>Phoebe Lenhart</b>
12:02 PM – 12:09 PM	Incidence and Early Course of Retinopathy of Prematurity in Micro-Premature Infants: The ROP-Check Cohort Study <b>Urmi Mehta</b>
12:09 PM – 12:16 PM	Ridge thickness as a predictor for stage 3 retinopathy of prematurity <b>Elizabeth Roti</b>
12:16 PM – 12:23 PM	Improving P Score Agreement: Novel Discoveries in Retinopathy of Prematurity Classification <b>Julius Oatts</b>
12:23 PM – 12:30 PM	Long Term Outcomes of Retinopathy of Prematurity Patients with Persistent Avascular Retina Post Treatment with Anti-VEGF Intravitreal Injection Monotherapy <b>Celine Chaaya</b>

12:30 PM – 12:34 PM	DISCUSSION OF PREVIOUS PAPER <b>David Wallace</b>
12:34 PM – 12:41 PM	Ocular and Neurodevelopmental Outcomes of Laser Photocoagulation Versus Intravitreal Anti-VEGF for Retinopathy of Prematurity: a National TriNetX study <b>Ha-Neul Yu</b>
12:41 PM – 1:00 PM	PANEL DISCUSSION
1:15 PM – 2:00 PM	Corporate Sponsored Symposium (No CME)

### RAPID FIRE MEDICAL STUDENT PAPER PRESENTATIONS

2:15 PM – 2:17 PM	Introduction <b>Moderator</b>
2:17 PM – 2:20 PM	Trends in Career Choices Among Pediatric Ophthalmology & Strabismus Fellowship Graduates <b>Stephanie Chau Nguyen</b>
2:20 PM – 2:23 PM	Evaluating Diagnostic Yield and Clinical Outcomes of Inpatient Pediatric Ophthalmology Consultations at a Tertiary Care Center <b>Akanksha Malepati</b>
2:23 PM – 2:26 PM	Supports and Challenges in Transitioning Patients with Neurodevelopmental Disorders to Adult Ophthalmology <b>Vanessa Anderson</b>
2:26 PM – 2:29 PM	Machine Learning Prediction of Strabismus With and Without Amblyopia from Fixation Eye Movements <b>Kevin Xu</b>
2:29 PM – 2:32 PM	Diagnostic discrepancies in pediatric orbital muscle entrapment <b>Christian Tallo</b>
2:32 PM – 2:35 PM	Neuroimaging Findings in Children with Comitant, Non-Accommodative Esotropia of Greater Than Six Months Duration <b>Wen Ting Zheng</b>
2:35 PM – 2:38 PM	Evaluating Botox injection in the Treatment of Pediatric Strabismus <b>Hannah Brosman</b>
2:38 PM – 2:41 PM	Long-term outcomes and predictors of success in botulinum toxin augmented-strabismus surgery for infantile esotropia <b>Muhammad Abidi</b>
2:41 PM – 2:44 PM	A Biomechanical Model for Preoperative Planning in the Modified Nishida Procedure for Complete Sixth Nerve Palsy <b>Ji An Lee</b>
2:44 PM – 2:47 PM	Surgical outcomes of Scott 2:1 recess-resect adjustable technique for incomitant strabismus <b>Jennifer Vu</b>
2:47 PM – 2:50 PM	Diagnostic fallacy about ectopia lentis in Marfan syndrome <b>Ava Niknahad</b>
2:50 PM – 2:53 PM	Oral vs Subcutaneous Methotrexate at High Dose for Pediatric Anterior Uveitis <b>Katie Choi</b>
2:53 PM – 2:56 PM	Corneal Neurotization for Neurotrophic Keratopathy in Pontine Tegmental Cap Dysplasia: Surgical Approaches and Outcomes in a Multi-Institutional Cohort <b>Pareena Sharma</b>
2:56 PM – 2:59 PM	Outcomes of Cataract Surgery in Pediatric Non-infectious Uveitis <b>Jenny Shunyakova</b>
2:59 PM – 3:02 PM	Treatment Pathways in Pediatric Glaucoma Following Cataract Surgery <b>Ibrahim Abboud</b>
3:02 PM – 3:05 PM	Clinical Course and Risk Factors for Glaucoma in Pediatric Ocular Hypertension <b>Meron Haile</b>
3:05 PM – 3:08 PM	Risk factors associated with steroid-induced ocular hypertension in children <b>Alan Huang</b>
3:08 PM – 3:11 PM	Referral Patterns and Ocular Manifestations of Cutis Marmorata Telangiectatica Congenita <b>Keely Likosky</b>
3:11 PM – 3:14 PM	Progression of Cerebrovascular Abnormalities in Patients with Morning Glory Disc Anomaly <b>Annie Yao</b>

3:14 PM – 3:17 PM	Long-Term Results of Incorporating Telemedicine for Retinopathy of Prematurity Screening in a Large Integrated Healthcare Network <b>Eric Donahue</b>
3:17 PM – 3:20 PM	Asymmetric Retinopathy of Prematurity: Characteristics and Outcomes <b>Stephanie Zhang</b>
3:20 PM – 3:23 PM	Microvascular Flow Ultrasound Imaging in Pediatric Ophthalmology <b>Bijal Kikani</b>
3:23 PM – 3:26 PM	Sex Differences in Laser Photocoagulation/Intravitreal Bevacizumab in Preterm Infants with Retinopathy of Prematurity Before and After Implementation of Higher Oxygen Saturation <b>Noor Abdullah</b>
3:26 PM – 3:29 PM	Longitudinal Analysis of Outcomes and Complications following Intravitreal Bevacizumab for Management of Type 1 Retinopathy of Prematurity <b>Taylor Juran</b>
3:29 PM – 3:30 PM	Closing Remarks <b>Moderator</b>
3:45 PM – 4:45 PM	Corporate Sponsored Symposium (No CME)
5:00 PM – 6:00 PM	Corporate Sponsored Symposium (No CME)
6:00 PM – 7:00 PM	Children's Eye Foundation of AAPOS Donor Reception (Invitation Only)
7:00 PM – 10:00 PM	Closing Reception

## SUNDAY, MARCH 22, 2026

6:30 AM – 10:40 AM	Registration
6:30 AM – 8:00 AM	Breakfast
6:30 AM – 7:30 AM	Poster Viewing (2 <sup>nd</sup> Set) (Authors not present) – CME eligible
7:30 AM – 8:00 AM	Poster Removal (2 <sup>nd</sup> Set)
7:30 AM – 9:00 AM	Difficult Problems Non-Strabismus Workshop: Small Patients, Big Mysteries: Diagnostic & Management Dilemmas that Test the Experts of AAPOS & NANOS <b>Jason H. Peragallo, MD; Stephanie Davidson, Ellen Mitchell, Alexis Flowers, Robert Avery, Grant Liu, Elena Bitrian, Razek Coussa</b>
9:10 AM – 10:40 AM	Difficult Problems Strabismus Workshop <b>Stacy L. Pineles, MD; Janet Alexander, Veeral Shah, Mays Dairi, Federico Velez, Ramesh Kekunnaya, Nicholas Volpe, Jane Edmond</b>
10:40 AM	End of the 2026 Annual 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 18 – 11:30 AM Friday, March 20

Author Attended Formal Poster Session: Thursday, March 19, 10:00 AM – 11:00 AM

### REGULAR POSTERS

#### AMBLYOPIA

A1	Visual Acuity Gains Maintained with Dual-Mechanism Digital Treatment in Children with Unilateral Amblyopia: PUPIL Registry Results <b>Brenda Bohnsack</b>
A2	Real-World Effectiveness of a Binocular, Dual-Mechanism Therapy in Severe Amblyopia: Analysis from the PUPIL Registry <b>Maanasa Indaram</b>
A3	Nationwide cohort study of the association between amblyopia and benign paroxysmal positional vertigo <b>Haeng-Jin Lee</b>

#### ANTERIOR SEGMENT

A4	Normative Corneal Tomography Values in a U.S. Pediatric Population <b>Elizabeth Bolton</b>
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A5	Assessment of Disparities Among Patients with Pediatric Blepharokeratoconjunctivitis <b>Jennifer Lai</b>
A6	Supra-Tarsal Steroid Injection for Severe Vernal Conjunctivitis <b>Maya Atar-Vardi</b>
A7	Phenotypic and genotypic characterization of Posterior polymorphous corneal dystrophy in children : a 13 year clinical review <b>Meghal Gagrani</b>
A8	Visual outcomes and complications of exposure keratopathy in pediatric patients <b>Laura Perilloux</b>
A9	Association Between Dupilumab and Ocular Surface Diseases in Children: A Retrospective Cohort Study <b>Hajirah Saeed</b>
A10	Prevalence and Clinical Characteristics of Dry Eye Syndrome in Pediatric Patients <b>Jose Perez-Perez</b>
A11	Long term visual outcomes of optical iridectomy for corneal opacities in children <b>Larissa Gouvea</b>

### CATARACT

A12	Social Vulnerability Predicts Worse Visual Outcomes and Lower Patching Adherence in Patients with Unilateral Congenital Cataracts <b>Alaa Mohamedali</b>
A13	"Real World" Sensory Outcomes after Unilateral Infantile Cataract Surgery <b>Gia Lodato</b>
A14	Etiology, Demographics, and Clinical Features of Dense Pediatric Cataracts <b>Mohammadali Ashraf</b>
A15	Accuracy of intraocular lens (IOL) formulas in pediatric patients without adequate capsular support who received an iris-claw IOL (Artisan aphakia IOL, Ophtec BV). <b>Jeremy Hu</b>
A16	Postoperative outcomes of sulcus intraocular lens placement in patients with microcornea <b>Elizabeth Mellencamp</b>

### GENETICS

A17	Phenotype and a Genotype Spectrum of Congenital Myopathies Presenting in an Ophthalmic Clinic <b>Goura Chattannavar</b>
A18	Ophthalmic Manifestations of Patients with Trisomy 18 <b>Frances de la Camara</b>
A19	Real-World Outcomes of Voretigene Neparvovec in Children with RPE65-Mediated Retinal Dystrophy: Manchester Royal Eye Hospital Experience <b>Aimee Lloyd</b>
A20	Retinal vasoproliferative tumor as a complication of pediatric inherited retinal dystrophy <b>Arif Khan</b>

### GLAUCOMA

A21	Outcomes of Cataract Surgery in Eyes with Paediatric Glaucoma <b>Hala Elhilali</b>
A22	Effect of Social Determinants of Health on Outcomes of Glaucoma Following Cataract Surgery in a Pediatric Population <b>Robert Robbins</b>
A23	Incidence of mental health conditions in children with glaucoma <b>Milap Vaghela</b>
A24	Iris insertion and trabecular meshwork composition in primary congenital glaucoma and healthy eyes using anterior segment OCT <b>Jiaying Wang</b>
A25	Efficacy of Goniosurgery for Newborn versus Infantile Primary Congenital Glaucoma <b>Helen Yeung</b>

- A26 Optic Nerve Head Grading Differences in Unilateral Persistent Fetal Vasculature with and without Glaucoma  
**Dalia El Hadi**

## NEURO-OPHTHALMOLOGY

- A27 Evaluating the Diagnostic Value of Fluorescein Angiography in Pediatric Optic Nerve Elevation with PHOMS

**Aaron Warning**

- A28 Diagnostic Value of the GCL/INL Ratio in NF1-Associated Optic Pathway Gliomas

**Leeor Amit**

- A29 Predictive Value of Macular Ganglion Cell Thinning Artifact for Disease Severity in Pediatric Idiopathic Intracranial Hypertension

**Miriam Ehrenberg**

- A30 Precision of VR-Based Eye-Tracking for Gaze and Pupil Measurements in Children

**Beate Sychala**

- A31 Ocular motility disorders in paediatric posterior fossa tumours: a retrospective review

**Helena Fawdry**

## NYSTAGMUS

- A32 Nystagmus diagnosis and etiology evaluation in the pediatric population

**Esha Prakash**

- A33 Grading and Correction of Multiplanar Anomalous Head Position in Infantile Nystagmus Syndrome by Horizontal Rectus Muscle Vertical Transposition: A Single-Center Experience

**Dario Marangoni**

## OCULAR TRAUMA

- A34 Incidence of mental health conditions in pediatric patients who have sustained ocular trauma

**Tejal Magan**

- A35 Non-Powder Firearm-Related Pediatric Ocular Trauma in the United States: A 10-Year National Analysis

**Olga Salamanca**

## OCULOPLASTICS

- A36 Safety and Efficacy of Systemic Corticosteroids in Children with Orbital Cellulitis

**Gil Binenbaum**

- A37 Management and Complications of Orbital Cellulitis in Children: A Retrospective Study

**Justine Rheault**

- A38 Surgical Patterns of Pediatric Acute Dacryocystitis in a United States Multicenter Study

**Marina Shenouda**

- A39 In Office Initiation of Oral Propranolol for Infantile Hemangiomas Is Safe and Efficacious

**Sarah Martin**

- A40 Practical easy, costless frontalis sling for congenital ptosis with poor levator function, a novel technique

**Sabry Aboughaly**

## PRACTICE AND WORKFORCE MANAGEMENT

- A41 Current Landscape of Pediatric Ophthalmology Training Across U.S. Residency Programs

**Elizabeth Turner**

- A42 Enhancing Pediatric Ophthalmology Through Online Training: Improvements in Knowledge, Confidence, and Clinical Decision-Making of Brazilian Ophthalmologists

**Erika Pereira**

- A43 Exceptional Value of Pediatric Ophthalmic Interventions: An AI Comparative Cost-Utility Analysis

**Gerard Barry**

- A44 Four-year outcomes from an eye clinic for adults with intellectual and developmental disabilities

**Michael Puente**

A45 A Survey on Practice Patterns Related to Sustainability Initiatives by the AAPOS Sustainability Task Force

**Prathishtha Pitchaiah**

## **PUBLIC HEALTH**

A46 Socioeconomic and Racial Disparities in Pediatric Ophthalmology Referrals: Insights from the UCSD EyeMobile Program

**Lauren Hennein**

A47 Vitamin A deficiency related ophthalmic complications in children in the United States: A case series

**Erica Luse**

A48 Awareness of Vitamin A Deficiency in Children with Autism Spectrum Disorder and Dietary Restriction: A Case Series

**Abbas Habibi**

A49 Prevalence of Childhood Eye Disease in Peri-Urban Nepal: A Population-Based Study

**Manisha Shrestha**

A50 Ophthalmic Sequelae of Pediatric Sports-Related Traumatic Brain Injury

**Christina Scelfo**

A51 Lamotrigine-associated Stevens-Johnson syndrome and toxic epidermal necrolysis in children: a systematic review and meta-analysis of worldwide prevalence

**Abdullah Ahmed**

## **REFRACTIVE**

A52 Differences in Cycloplegic Retinoscopy Results Using Near and Far Targets

**Lily Spellman**

A53 Comparative validation of the new photoscreener for pediatric ophthalmology pre-cycloplegic exams

**Robert Arnold**

A54 Induced myopia from intraocular hemorrhage in children

**Sabhyta Sabharwal**

A55 Refractive Error or Axial Length: Which better tracks pediatric myopia risk?

**Rupa Wong**

A56 A study about the relationship between growth and myopia progression in Korean children

**Hyuna Kim**

A57 7-Year Outcomes of Low-Dose Atropine for Pediatric Myopia Control: Early Response Predicts Success and Guides Treatment Escalation

**Karenn Mehta**

A58 Comparative Efficacy of Center-Distance Multifocal, Center-Near Multifocal, and Dual-Focus Contact Lenses in Myopia Control: A Multicenter Randomized Clinical Trial

**Oriel Spierer**

## **RETINA – RETINOBLASTOMA – ONCOLOGY**

A59 The impact of American Academy of Pediatrics diabetic eye exam guidelines: A 50-year population-based study

**Grayson Ashby**

A60 Multimodal retinal imaging in pediatric patients with sickle cell trait

**Sandra Hoyek**

A61 Outcomes of cryotherapy in pediatric pars planitis: a retrospective cohort study

**Nicholas Tan**

A62 Challenges and Outcomes of Cataract Surgery in Retinoblastoma: Insights from 25 Years at a Single Center

**Rand Zuaier**

## **RETINOPATHY OF PREMATURITY**

A63 Optimizing ROP Screening: Interpretable Machine Learning vs. G-ROP Criteria

**Hadas Ben-Eli**

A64 Topographic Features in Retinopathy of Prematurity With en Face Ultra-Widefield OCT

**David Sutter**

A65	Foveal Structure and FAZ Geometry Across Term Born and Preterm ROP Severity: OCT/OCTA Biomarkers <b>Inès Fenniri</b>
A66	Longitudinal assessment of peripheral retinal findings using widefield photography in patients with treated and regressed retinopathy of prematurity <b>Anika Kumar</b>
A67	Aggressive Retinopathy of Prematurity: A Matched Cohort Analysis of Treatment Patterns, Visual development and Systemic Outcomes <b>Francesca Kahale</b>
A68	Aflibercept vs Bevacizumab for treatment-requiring Retinopathy of Prematurity <b>Samantha Butterfield</b>
A69	A randomized trial comparing two doses of bevacizumab for treatment of ROP in Zone I <b>David Wallace</b>
A70	Retreatment Across Risk-Cohorts in Retinopathy of Prematurity: Intravitreal Bevacizumab Injection vs Laser <b>Francisco Altamirano Lamarque</b>

### STRABISMUS

A71	Clinical Validation of the Survey for STrabismus Relationships and Bullying (STRAB) <b>Angela Buffenn</b>
A72	UK Professionals' Outlook on the Impact of Strabismus on Employability <b>Rohit Jolly</b>
A73	Prevalence of Strabismus and Amblyopia Among United States Medicare Beneficiaries <b>Hennaav Dhillon</b>
A74	Optical management of accommodative esotropia in pediatric population <b>Andrea Rangel</b>
A75	Role of the Preoperative Prism Adaptation Test in the Correction of Comitant Horizontal Strabismus <b>Natalia Canton</b>
A76	The Natural History of Exophoria Progression Among Young Healthy Adults <b>Sharon Armarnik</b>
A77	Using Dichoptic Therapy to Improve Intermittent Exotropia Control <b>Evan Silverstein</b>
A78	Relationship Between Health-Related Quality of Life Outcomes and Control in Childhood Intermittent Exotropia <b>Carolina Adams</b>
A79	Prevalence of amblyogenic anisometropia in children with superior oblique palsy <b>Jenay Yuen</b>
A80	A Model for Predicting Success of Botulinum Toxin Treatment for Esotropia <b>Raghav Vadhul</b>
A81	Elevation Unlock with Abduction Phenomenon: a diagnostic sign in heavy eye syndrome <b>Sasha Mansukhani</b>
A82	Intraoperative Anterior Segment Optical Coherence Tomography for Extraocular Muscle Assessment during Strabismus Surgery: A Case Series in Re-operative and Primary Strabismus <b>Gunjan Chadha</b>

### STRABISMUS SURGERY

A83	Trigeminal Afferent Oculocardiac Reflex comparison between Conjunctival Incision and Rectus Tension <b>Breckin Reicks</b>
A84	Effect of Oral Opioid Prescription on Rates of Postoperative Pain Amongst Ophthalmology Subspecialties: A Large Database Analysis <b>Anna Toth</b>
A85	Association of Trainee participation with Strabismus Surgery Outcomes in the IRIS Registry <b>Ju Hyun Jeon</b>
A86	Botulinum toxin injection versus surgical Intervention in the management of residual esotropia <b>Yasser Almuzaini</b>

A87	Surgical Dosing for Partially Accommodative Esotropia Averaging Distance Angle With and Without Hyperopic Correction <b>Veronika Yehezkeli</b>
A88	Augmented bimedral rectus recessions for DIET: The critical role of convergence amplitudes <b>Tais Estrela</b>
A89	Single-Step Bilateral Yokoyama Procedure for Moderate-Angle High Myopia Associated Esotropia: An Autoadjustable Approach <b>Bastián Grass</b>
A90	Bilateral versus unilateral medial rectus recession in adult acquired esotropia: a comparative study <b>Toshiaki Goseki</b>
A91	The Effect of Graded Inferior Oblique Z-Lengthening Partial Width Myotomy for Small Hypertropias with Cyclotorsion <b>Riya Shah</b>
A92	Surgical Outcomes in MRI-confirmed Bilateral Superior Oblique Palsy (SOP) <b>Eli Neimark</b>
A93	Strabismus Surgery Following Glaucoma Procedures: A Case Series Highlighting the Role of Conjunctival Relaxing Incisions in Preventing Postoperative Restriction <b>Mona Fayad</b>
A94	Prevalence and Outcomes of Strabismus Surgery in Patients with Retinoblastoma (2004–2025) <b>Mariana Moctezuma Davila</b>
A95	Vertical rectus pole recessions for lateral-gaze incomitance of hypertropias <b>Samuel Philbrick</b>

### VISION ASSESSMENT – VISION SCREENING

A96	Sleep Disruptions in Blind and Visually Impaired Children <b>Arianna Albertorio</b>
A97	Testability and Reliability of a Near Contrast Sensitivity Chart in Children Aged 3 to 11 Years <b>Reed Jost</b>
A98	Vision Screening Outcome over Two School Years from a School-based Vision Program <b>Megan Collins</b>

## MEDICAL STUDENT POSTERS

### AMBLYOPIA

MS – A1	Monocular vs. binocular deprivation amblyopia: Treatment outcomes in children with congenital cataract <b>William Carter</b>
MS – A2	Lifelong systemic and psychiatric outcomes of childhood amblyopia in a national cohort of American adults <b>Kyoung A Lee</b>

### ANTERIOR SEGMENT

MS – A3	Comparative analysis of anterior and posterior corneal tomographic parameters in normal and keratoconic pediatric eyes using scheimpflug imaging <b>Alexandra Katz</b>
MS – A4	Association of Down Syndrome with Keratoconus in Pediatric Population: A Retrospective Cohort Analysis <b>Ryan Shahrokni</b>

### CATARACT

MS – A5	Cost Variation in Pediatric Cataract Procedures at Ambulatory Facilities Across the United States <b>Zhiyu Wu</b>
MS – A6	Pupil size in the Infant Aphakia Treatment Study: Associations with vision outcomes <b>Riva Menon</b>

MS – A7      Efficacy and Safety of Dropless Regimens in Pediatric Cataract Surgery: A Systematic Review and Meta-Analysis  
**Shriya Agarwal**

### **GLAUCOMA**

MS – A8      Evaluating the Impact of Intraocular Pressure Measurement Timing After Anesthesia Induction in the Pediatric Population  
**Karina Patel**

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MS – A9      The Role of Music in Enhancing Attention During Visual Field Exams for Pediatric Glaucoma Patients  
**Zain Afzal**

### **NEURO-OPHTHALMOLOGY**

MS – A10      Retinal Vascular Morphology in Children with Optic Nerve Elevation of Differing Etiologies  
**Owen Harris**

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MS – A11      Differences in neuro-ophthalmological characteristics of Lyme neuroborreliosis in children and adults: a systematic review of individual participant data  
**Chaerim Kang**

### **PRACTICE AND WORKFORCE MANAGEMENT**

MS – A12      An Analysis of Repeat Inpatient Pediatric Ophthalmology Consultations at a Tertiary Care Center  
**Amy Jasani**

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MS – A13      Mapping Pediatric Eye-Care Deserts in Canada: A National Geospatial Analysis of Clinician Density, Travel Burden and Socio-economic Inequity  
**Aljeena Rahat Qureshi**

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MS – A14      Research and Clinical Productivity in Pediatric Ophthalmology Compared to Other Subspecialties 2021–2023: A Cross-Sectional Analysis  
**Jamie Surgent-Nahay**

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MS – A15      Comparison of AAPOS Professional Education Committee (PEC)-generated versus artificial intelligence (Chat-GPT5)-generated summaries of scientific articles  
**Isabelle Roseto**

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MS – A16      Predictors of Visit Length in Pediatric Ophthalmology: A Retrospective Analysis  
**Samantha Xing**

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MS – A17      Visit Length in Pediatric Ophthalmology: Effects of Combined Dilation Drops and Orthoptist Involvement  
**Shawn Khan**

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MS – A18      A Small Volume Topical Ophthalmic Spray for Pupillary Dilation in Children: A Randomized, Masked Non-inferiority Trial  
**Alyssa Godfrey**

### **OCULAR INFECTIONS**

MS – A19      Two Populations, One Disease: Comparing Adult and Pediatric Orbital Cellulitis  
**Jacob Larsen**

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MS – A20      Comprehensive Image-Based Multilabel Pediatric Trachoma Classification Using Deep Learning  
**Michael Aaby**

### **PUBLIC HEALTH**

MS – A21      Disparities in Vision Care Access Among U.S. and Foreign-born Children in the U.S.  
**Sami Humeda**

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MS – A22      Comparing sociodemographic determinants of pediatric vision care utilization  
**Sakina Qazi**

MS – A23	Ophthalmologic Diagnoses and Service Utilization in Children with Intellectual and Developmental Disabilities <b>Anam Ahmed</b>
MS – A24	Predictors of Follow-Up Noncompliance with Pediatric Ophthalmology Visits in Children with Intellectual and Developmental Disabilities <b>David Borden</b>
MS – A25	Mental Health, Cognitive, and Behavioral Correlates of Vision and Dual Sensory Impairment in U.S. Children <b>Zhuochen Yuan</b>
MS – A26	Cost burden of pediatric eye trauma: Professional expenses in closed-globe injuries (CGI) <b>Anthony Bennett</b>

## REFRACTIVE

MS – A27	Effect of COVID-19 Confinement on the Progression of Refractive Errors in Children Aged 6–14 Years: An Ambispective Cohort Study <b>Emma Carpenter</b>
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## RETINA – RETINOBLASTOMA

MS – A28	Risk of vision threatening complications with sports in Juvenile X-linked Retinoschisis <b>Kaitlyn Grimes</b>
MS – A29	Trends in Childhood Visual Impairment in the US Retinoblastoma Population <b>Monica Lewis</b>

## RETINOPATHY OF PREMATURITY

MS – A30	Retinopathy of Prematurity: A Global Review of Screening Guidelines <b>Nina Ahmad</b>
MS – A31	Clinical and socioeconomic risk factors associated with retinopathy of prematurity at the first screen with a treated-cohort sub-analysis <b>Aaron D'Silva</b>
MS – A32	Retinopathy of Prematurity (ROP) in Extremely Premature Infants <b>Devin Beckmann</b>
MS – A33	Geographical trends in primary treatment decisions for retinopathy of prematurity in the US <b>He Forbes</b>
MS – A34	Ranibizumab in the Management of Retinopathy of Prematurity <b>Victoria Vought</b>

## STRABISMUS – STRABISMUS SURGERY

MS – A35	Evaluating Disparities in Access to Adult Strabismus Care <b>Allen George</b>
MS – A36	Sensorimotor Findings in Strabismus Patients on Gender Affirming Hormone Replacement Therapy <b>Andrea Orji</b>
MS – A37	Long-term surgical success rates of muscle plication compared to resection for horizontal strabismus <b>Betsy Benitez</b>

## VISION SCREENING

MS – A38	From Policy to Practice: Evaluating Michigan's Preschool and School-Age Vision Screening Program and Downstream Specialty Care Access <b>Stephanie Lee</b>
MS – A39	Disparities in pediatric eye examination follow-up after abnormal vision screening results <b>Saara Khan</b>

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

*Second set of posters will be displayed from 4:30 PM Friday, March 20 – 8:00 AM Sunday, March 22*

*Author Attended Formal Poster Session: Saturday, March 21, 10:00 AM – 11:00 AM*

### **REGULAR POSTERS**

#### **AMBLYOPIA**

B1	Comparison of Amblyopia Outcomes with a Digital Therapeutic among Children 3 to 12 years of age in Actual Clinical Practice compared with IRIS Registry Benchmarks <b>Michael Repka</b>
B2	The Diagnosing Amblyopia in Rural Neighborhoods (DARN) Study, An IRIS Registry Database Analysis <b>William Johnson</b>
B3	Genomic Structural Variant Associated with Amblyopia in the All of Us Research Program <b>Mary Whitman</b>
B4	How Amblyopia Subtype Shapes Fellow- and Amblyopic-Eye Contrast Sensitivity to First-, Second-Order, and Radial Stimuli <b>Roberta Zagui</b>

#### **ANTERIOR SEGMENT**

B5	Pediatric Keratoconus Diagnosis by Corneal Tomography: A Large-Scale Validation Study <b>Alexia Romanelli</b>
B6	Standardising the structure of routinely collected data for childhood ocular inflammation: a SNOMED-CT mapping project <b>Yasmin Adelekan-Kamara</b>
B7	Intestinal microbiome profile in children with juvenile idiopathic arthritis-associated uveitis: A pilot case-control study <b>Michael Wan</b>
B8	Discontinuation of biologic therapy in pediatric non-infectious uveitis: outcomes from a retrospective cohort <b>Hassan Hazari</b>
B9	Clinical outcomes of Weekly Adalimumab in Refractory Non-Infectious Paediatric Uveitis and the Role of Serum Drug Levels and Anti-Adalimumab Antibodies <b>Raheej Khan</b>
B10	Smartphone-assisted meibography in pediatric population <b>Florin Grigorian</b>
B11	Impact of Pediatric Ocular Trauma on the Corneal Endothelium: A Specular Microscopy Study <b>Paula Dias</b>
B12	Longitudinal Trajectory of Vision Problems in Pediatric Burn Survivors: Five-Year Multicenter Outcomes <b>Asmaa Zidan</b>
B13	Potential Suspect Drugs of Pediatric Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis <b>Jamila Hiasat</b>
B14	Five-Year Outcomes of Keratoprosthesis in Pediatric Patients <b>Michael Bednar</b>

#### **CATARACT**

B15	Outcomes of cataract surgery in myopic children <b>Sumita Agarkar</b>
B16	Evaluation of genotype-phenotype associations in juvenile and congenital cataracts <b>Amal Allozi</b>
B17	Timing for Secondary Intraocular Lens Implantation <b>Bharti Nihalani Gangwani</b>
B18	Risk Factors for Posterior Capsulotomy Following Cataract Surgery in Pediatric Patients <b>Ryan Sahraravand</b>
B19	Outcomes of posterior iris fixated intraocular lens in patients with Ectopia lentis and pediatric cataracts <b>Manju Bhate</b>

## GENETICS

B20	Cardiac Septal Defects as a Predictor of Ocular Co-Morbid Conditions in Children with Down Syndrome <b>Qais Dihan</b>
B21	Ocular manifestations of pediatric Rubinstein-Taybi Syndrome: a multi-institutional analysis <b>Adam Davis</b>
B22	Anything but Crystal Clear: Unmasking Retinal Changes Post-Transplant <b>Shaleen Arora</b>
B23	Ocular Features and Genetic Correlations of Craniosynostosis Children Managed at a Tertiary Care Center <b>Sameh Soliman</b>

## GLAUCOMA

B24	Automated Perimetry in Children with Suspected and Known Glaucoma: Virtual Reality Versus Tabletop <b>Stephanie Tillit</b>
B25	Hidden Burden: Neurodevelopmental challenges in children with glaucoma <b>Madhurima Chaudhuri</b>
B26	Analysis of Late-Diagnosed Pediatric Glaucoma Cases at Two Academic Institutions <b>Christine Xu</b>
B27	Management of Childhood Glaucoma in a Specialized Unit in a Latin America Country <b>Marian Reyna</b>
B28	Management and Outcomes of Glaucoma in Children with Stickler Syndrome <b>Adam Jacobson</b>
B29	Safety and Efficacy of Apraclonidine in Pediatric Glaucoma Management <b>Marie Michele Macaron</b>

## NEURO-OPHTHALMOLOGY

B30	Factors associated with change in functional vision over 1 year in children with cerebral/cortical visual impairment (CVI) <b>Mark Borchert</b>
B31	Enhancing the Diagnosis of Visual Impairment in Infants with Neurologic Injury <b>Ashley Ooms</b>
B32	Sensorimotor Characteristics of Pediatric Patients with Hemianopic Visual Field Changes <b>Alexander Valentine</b>
B33	Feasibility of Handheld Nonmydriatic Fundus Camera Use for Optic Disc Assessment in Pediatric Patients <b>Rahul Moorjani</b>
B34	Risk of Neuroblastoma Among Patients with Pediatric Horner Syndrome <b>Alexander Kwok</b>
B35	Do Steroids improve idiopathic sixth nerve palsy outcomes? <b>Amir Sternfeld</b>

## NYSTAGMUS

B36	The new method for calculating surgical treatment of nystagmus using the mathematical modeling program <b>Igor Aznauryan</b>
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## OCULAR TRAUMA

B37	Pediatric Globe Trauma: Predictors of Surgical Outcomes in a Rural Tertiary Academic Center <b>Haseeb Mahmud</b>
B38	Risk factors for non-accidental ocular trauma and retinal hemorrhage in children <b>Michael Foster</b>

## OCULOPLASTICS

B39	Comparative Feasibility and Efficiency of Pediatric Oculoplastic Procedures Across Surgical Settings <b>Karen Revere</b>
B40	Outcomes of Levator Resection for Pediatric Ptosis: A Nine-Year Retrospective Review <b>Sila Dogan Tosun</b>
B41	Non-Tobacco Nicotine Use and Cigarette Smoking Increase the Five-Year Risk of Thyroid Eye Disease <b>Muhammad Chauhan</b>

## PRACTICE AND WORKFORCE MANAGEMENT

B42	Factors associated with matching into pediatric ophthalmology and strabismus fellowship: a San Francisco Match analysis <b>Muhammad Khan</b>
B43	Authorship and Publication Characteristics in Pediatric Ophthalmology Research: A Review of The AAPOS Professional Education Committee Handouts; 2019-2023 <b>Claudia Amaral</b>
B44	Optimizing Pediatric Inpatient Consult Services Through Integration of a Certified Ophthalmic Assistant: A Sustainable, Replicable Model <b>Madhuri Chilakapati</b>
B45	Reducing Documentation Burden in Pediatric Ophthalmology: Impact of Ambient Artificial Intelligence (AI) Scribe Technology <b>Anne Langguth</b>
B46	Quantifying the Impact of Neurodevelopmental Disorders on Pediatric Ophthalmology Visit Durations <b>Sonali Talsania</b>

## PUBLIC HEALTH

B47	Association of Vision Impairment with Food Insecurity in US Children <b>Reda Ghazali</b>
B48	Telemedicine in Pediatric Ophthalmology: Patterns of Use, Follow-up, and Implications for Expanding Access <b>Hannah Walsh</b>
B49	Equity in Access to Pediatric Keratoplasty: A Geographic Service Area Analysis of the United States <b>Hasan Khan</b>
B50	Cost as a Barrier in Myopia Control: Re-enrollment Patterns Following Subsidized Treatment <b>Noreen Shaikh</b>

## REFRACTIVE

B51	The Role of Adult Retinoscopy in Resident Education <b>Sarah Wall</b>
B52	0.5% Cyclopentolate-Tropicamide versus 1% Cyclopentolate alternating with 1% Tropicamide for Pediatric Patients with Dark Irides: A Clinical Trial <b>Chavisa Bunyavee</b>
B53	The natural history of Astigmatism; from infancy to the first decade of life; a large cohort <b>Daphna Mezaad-Koursh</b>
B54	Axial Length Progression and Refractive Change in Healthy Young Adults <b>Michael Kinori</b>
B55	Myopia Prevention Practices Among Ophthalmologists in Hong Kong: A Cross-Sectional Survey 2025 <b>Cheuk Ling Yim</b>
B56	Orthokeratology versus defocus incorporated spectacle lenses in myopia control among children and adolescents: A Systematic Review and Meta-Analysis <b>Livia Prudente Barbieri</b>

## RETINA – RETINOBLASTOMA

B57	Visual and refractive outcomes of full-term infants with subfoveal fluid on handheld swept source optical coherence tomography <b>Claire Park</b>
B58	Surgical Outcomes and Predictors of Post-operative Visual Acuity in Paediatric Traumatic Retinal Detachment <b>Uday Parmar</b>
B59	Fundus Autofluorescence as an Alternative to Fluorescein Angiography for Laser Treatment Planning in Coats Disease <b>Yashar Abibnia</b>
B60	MRI vs B-Scan Ultrasonography/Clinical Examination for Recurrence Detection in Retinoblastoma: Strengths, Limitations, and Complementary Roles <b>Buse Guneri Beser</b>
B61	Preliminary Data from the Phase II Clinical Trial Evaluating the Use of Topotecan Chemoplaque for the Treatment of Retinoblastoma <b>Lauren Yeager</b>

## RETINOPATHY OF PREMATUREITY

B62	Trends in Retinopathy of Prematurity Treatment in the United States from 2014 to 2024 <b>Nadine AlMuasher</b>
B63	Evaluating the Impact of Sucrose and Pacifier Use on Infant Distress During ROP Screenings <b>Tadiwa Chiduza</b>
B64	Resident survey results from initial implementation of VR-ROP simulator at three institutions <b>Sanjana Murali</b>
B65	Utility of the third weight gain period: Real-world application of the G-ROP criteria <b>Rebecca Tanenbaum</b>
B66	Predicting Development of Cortical/Cerebral Visual Impairment in Micro- and Nano-Premature Neonates with Treated Retinopathy of Prematurity <b>Mark Phillips</b>
B67	Systemic complications associated with retinopathy of prematurity: evidence from a large United States database <b>Paul Phillips</b>
B68	Clinical Characteristics and Outcomes of Late Retinal Detachments in Retinopathy of Prematurity <b>Ayush Parikh</b>
B69	Incidence of Strabismus in Retinopathy of Prematurity <b>Amr Almobayed</b>
B70	Intravitreal aflibercept as (adjuvant) treatment to laser photocoagulation in the treatment of ROP: favorable results in a university hospital setting <b>Elsbeth van Zeeburg</b>
B71	Patterns of regression and reactivation after intravitreal anti-VEGF injection for ROP <b>Samyuktha Guttha</b>

## STRABISMUS

B72	A Novel Virtual Reality–Based Method for the Assessment and Quantification of Diplopia <b>Ana Moleiro</b>
B73	Measuring Torsion: Mobile App vs Double Maddox Rod <b>Kimberly Merrill</b>
B74	Binocular Disturbances Following Glaucoma Drainage Device Surgery <b>Abdelrahman Elhusseiny</b>
B75	New Hyper-realistic AI-Generated Images of Strabismus: Assessing Ophthalmologists' Ability to Distinguish Them from Real Patient Images <b>Merna Hossameldin</b>
B76	Prescribed part-time patching versus prescribed full-time alternate patching therapy for children with intermittent exotropia <b>Stephen Christiansen</b>
B77	Exodeviations Following Treatment for Cranial Nerve IV Palsy <b>Ryan Thompson</b>

B78	Systemic and Metabolic Profile of Sagging Eye Syndrome: A Comparative Analysis <b>Federico Velez</b>
B79	V-pattern strabismus and syndromic craniosynostosis: Are superior oblique muscle hypoplasia and excyclorotation of rectus muscles independent or dependent associations? <b>Yoon-Hee Chang</b>
B80	Three-step test Is confounded In bilateral superior oblique (SO) atrophy confirmed by MRI <b>Joseph Demer</b>
B81	Strabismus treatment outcomes in children with neonatal brain injury <b>Yi Zhou</b>

### STRABISMUS SURGERY

B82	Reliability of a New Method for Extraocular Muscle Insertion Localization. <b>Alyne Correa</b>
B83	Integrated Calculation for Partially Accommodative Convergence Excess Esotropia: A Review of 54 Cases <b>Neha Yadav</b>
B84	Recession-Resection Strategies in the Treatment of Adult-Onset Distance Esotropia <b>Corina Iragorry Dominguez</b>
B85	Prevalence and Impact of Anatomical Anomalies of the Extraocular Muscles in Bilateral Medial Rectus Recessions for Childhood Esotropia: A Retrospective Review of 504 Cases <b>Lucas Foster</b>
B86	Surgical dosing of plication for treatment of horizontal strabismus <b>Julie Kim</b>
B87	Surgical outcomes of slanted bilateral lateral rectus recession in children with intermittent exotropia with convergence insufficiency <b>Bo Young Chun</b>
B88	Surgical outcome of the modified Nishida's muscle transposition procedure for recurrent sensory exotropia <b>Junhong Li</b>
B89	Surgical Outcomes of Inferior Oblique Weakening Procedures on Horizontal Eye Alignment in Pediatric Patients <b>Saif Alobaisi</b>
B90	Nasal transposition of the vertical rectus muscles for adduction limitation <b>Monica Morales</b>
B91	Efficacy of Rectus Muscle Equatorial Transposition Surgery in Paralytic Strabismus <b>Christina Douglas</b>
B92	Adjusting for an undercorrection with semiadjustable suture strabismus surgery: an alternative single stage approach. <b>Klio Chatzistefanou</b>
B93	Surgery for symptomatic cyclodeviations after macula-off retinal detachment without scleral buckle. <b>Avery Sears</b>
B94	Post-operative pain after pediatric strabismus surgery <b>Sabrina Yu</b>
B95	Surgical Indications, Systemic Associations, and Reoperation Rates in Adult Strabismus <b>Nallely Morales-Mancillas</b>
B96	Laser-Induced Contraction of Extraocular Muscles: A Pilot Study in Non-Human Primates <b>John Mark</b>

### VISION ASSESSMENT – VISION SCREENING

B97	Evaluation of a Glasses-Free Stereoacuity Test <b>Brooke Koritala</b>
B98	Referral Criteria Adjustment: A Site-Wide Initiative to Decrease Referrals from Instrument-Based Pediatric Vision Screening <b>E. Eugenie Hartmann</b>
B99	Post-Pandemic Changes in Demographics and Outcomes of Children at an Inner-City Vision Outreach Program: Give Kids Sight Day <b>John Williamson</b>

## MEDICAL STUDENT POSTERS

### AMBLYOPIA

MS – B1	Asymmetric deficits in ON and OFF visual pathways in a preclinical model of deprivation amblyopia <b>Morgan Bade</b>
MS – B2	Improving early diagnosis of amblyopia through the implementation of a systematic vision screening program in pediatric patients <b>Luis Perez Velasquez</b>
MS – B3	Geodemographic Analysis of Delayed Follow-Up Amblyopia Care <b>Anila Narayana</b>
MS – B4	Assessing New EHR Documentation Tools for Amblyopia Treatment <b>Maria Jessica Cruz</b>

### CATARACT

MS – B5	Capsular Outcomes using Precision Pulse Capsulotomy in Complex and Standard Pediatric Cataract Surgery <b>Andras Muranyi</b>
MS – B6	Outcomes of Deferred Cataract Extraction in Pediatric Patients with Open Globe Injury and Anterior Capsule Rupture <b>Cameron Martin</b>

### GENETICS

MS – B7	Access to Care for Ocular Genetic Diseases <b>Neil Dogra</b>
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### GLAUCOMA

MS – B8	Risk of Cataract, Lens Dislocation, Glaucoma, and Vitreous Hemorrhage After Pediatric Ocular Trauma <b>Rose Bishay</b>
MS – B9	Comparative Risk of Uveitis With Prostaglandin Analogs Versus Other Agents in Childhood Glaucoma <b>Marina Gad El Sayed</b>

### NASOLACRIMAL DUCT OBSTRUCTION

MS – B10	Surgical Treatment Options for Nasolacrimal Duct Obstruction - A Comparison Study <b>Leo Armando Romano</b>
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### NEURO-OPHTHALMOLOGY

MS – B11	Predictors of Visual Field Testing Reliability in Pediatric Neuro-ophthalmic Disease <b>Jacob Nydegger</b>
MS – B12	Ocular Complications of Drusen and Age in a Pediatric Population <b>Tara Foley</b>
MS – B13	Racial and Ethnic Disparities of Learning Disabilities and Developmental Outcomes in Pediatric Patients with Optic Nerve Hypoplasia <b>Nathan Vu Pham</b>

### PRACTICE AND WORKFORCE MANAGEMENT

MS – B14	Temporal and Diagnostic Trends in Pediatric Ophthalmology Consultations at a Tertiary Care Children's Hospital <b>Bradley Dorin</b>
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MS – B15	Identification of Pediatric Ophthalmologists on Publicly Available Sites <b>Thomas Diehl</b>
MS – B16	Impact of a Dedicated Mentorship Program on Interest in Pediatric Ophthalmology: The Pediatric Ophthalmology Mentorship (POM) Program Year 1 Experience <b>John Morse</b>
MS – B17	Financial Conflict of Interest Disclosures at the AAPOS 2024 Annual Conference <b>Eric Zhu</b>

## PUBLIC HEALTH

MS – B18	Area Deprivation and Social Vulnerability Indices are Associated with Pediatric Vision Screening Outcomes: Findings from the UCI EyeMobile for Children Program <b>Jainam Shah</b>
MS – B19	Visual Impairment and Socioeconomic Distress in the Pediatric Population: A National Database Study <b>Andrea Arline</b>
MS – B20	Ophthalmic Morbidity Following Learning Disorder Diagnosis: A Real-World Propensity-Matched Analysis <b>Arsalaan Asad</b>
MS – B21	Racial and Ethnic Differences Impact Service Utilization of Pediatric Ophthalmology Care for Patients with Intellectual and Developmental Disabilities <b>Elizabeth Russ</b>
MS – B22	High Engagement, Low Educational Value: Hyperopia Videos on YouTube <b>Ava Herzog</b>
MS – B23	Ophthalmic Dog Bite Injuries in Children: A Distinct Epidemiologic and Clinical Subset <b>Llwyatt Hofer</b>

## REFRACTIVE

MS – B24	Increased Vitreous Chamber Depth Associated with High Myopia in Children <b>Brigid Devine</b>
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## RETINA

MS – B25	3D Printed Eyeball Models Identify Significant Gaps with Red-Reflex Test Training of Medical Students <b>Kyobin Hwang</b>
MS – B26	Assessing foveal maturity in full-term newborns with subretinal fluid by handheld swept source optical coherence tomography <b>Debbie Wang</b>
MS – B27	Retinal Lattice, Holes and Tears in the Pediatric Population: Laser retinopexy vs. Observation <b>Pooja Patel</b>

## RETINOPATHY OF PREMATURITY

MS – B28	Optimizing retinopathy of prematurity screening criteria to safely reduce infant stress and provider burden at an academic neonatal intensive care unit <b>Rachel Donaldson</b>
MS – B29	Validation of the “TWO-ROP” Algorithm in a Tertiary Care Center in Greece <b>Marfy Abousifein</b>
MS – B30	Retinopathy of Prematurity Treatments and Long-Term Ocular Complications Across a Large United States National Database <b>Sarah Jong</b>
MS – B31	Refractive error changes following interventions for retinopathy of prematurity: a single center study <b>Dania Rahal</b>

MS – B32 Practice Patterns for the Management of Persistent Avascular Retina and Type 2 Retinopathy of Prematurity  
**Hongyi Zhang**

### **STRABISMUS – STRABISMUS SURGERY**

MS – B33 Influence of Creator Type on the Quality of Strabismus-Related Social Media Content Across Platforms  
**Claire Abraham**

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MS – B34 Evaluating an Orthoptist-Ophthalmologist Collaborative Care Model for Adult Strabismus Patients  
**Jadyn Lee**

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MS – B35 Implementation of an Educational Video for Pre-operative Strabismus Counseling  
**Rohit Balaji**

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MS – B36 Modified Nishida Procedure with Medial Rectus Recession for Type 1 Duane Syndrome: Pediatric Case Series  
**Rajan Alagar**

### **VISION SCREENING**

MS – B37 Impact of State Vision Screening Mandates on Age and Racial Disparities in Pediatric Vision Screening  
**Kaden Bunch**

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MS – B38 Vision Screening Referral Rates and Educational Performance in Rhode Island  
**Preeti Nagalamadaka**