

American Association for Pediatric Ophthalmology and Strabismus

51st 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 st Set)
4:00 PM – 6:00 PM	Poster Viewing (1 st Set) (Authors not present) CME eligible
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 Yasmin S. Bradfield, MD
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 David G. Hunter, MD, PhD
8:05 AM – 8:15 AM	Advocacy Update Shelagh Foster, JD; Christopher C. Rorick, MPA, Polsinelli
8:15 AM – 8:20 AM	Introduction of Costenbader Lecture Paul H. Phillips, MD
8:20 AM – 8:45 AM	Costenbader Lecture Ocular Motor Atavisms: The Evolutionary Basis of Infantile Strabismus and Nystagmus Michael C. Brodsky, MD
8:45 AM – 8:48 AM	Presentation Ceremony David G. Hunter, MD, PhD

AMBLYOPIA – NEURO-OPHTHALMOLOGY – GENETICS

8:50 AM – 8:57 AM	Randomized Controlled Trial of a Timing-Dependent Synaptic Plasticity Driven Approach to Amblyopia Treatment Eileen E. Birch, PhD
8:57 AM – 9:04 AM	Analysis of Qualitative and Quantitative Visual Acuity Measurements in Optic Nerve Hypoplasia Serena Choi, MD
9:04 AM – 9:11 AM	Prevalence of Optic Nerve Hypoplasia in Neurofibromatosis Type 1 Moutaz Rawashdeh, MD
9:11 AM – 9:18 AM	Automated Perimetry in Pediatric Neuro-Ophthalmic Conditions: A Comparison of Virtual Reality and Tabletop Visual Field Testing Jeffrey Liu
9:18 AM – 9:25 AM	Diagnostic Concordance of ChatGPT-4.0 in Electroretinogram Interpretation Compared with Human Experts Salma Yassine
9:25 AM – 9:32 AM	First Use of Patient-Derived Retinal Organoids to Evaluate a Personalized Antisense Oligonucleotide Treatment for a Child with Posterior Column Ataxia with Retinitis Pigmentosa Natalia Vergara, PhD
9:32 AM – 9:36 AM	DISCUSSION OF PREVIOUS PAPER Alina Dumitrescu, MD
9:36 AM – 9:43 AM	Validation of a Novel Corneal Cystine Crystal Score: Correlations with Imaging, Symptoms, and Visual Outcomes in Cystinosis Kimia Rezaei
9:43 AM – 10:00 AM	PANEL DISCUSSION

10:00 AM – 11:00 AM	Interactive Poster Session – Author Presentation and Q/A – 1st Set of Posters Regular Poster Session (A1-97) Galleria Room Medical Student Poster Session (MS A1-A39) Burroughs Room Authors Present – CME eligible (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 Leemor B. Rotberg, MD
11:40 AM – 11:45 AM	Introduction of the Jampolsky Lecture William V. Good, MD
11:45 AM – 12:05 PM	Jampolsky Founders Series Lecture Childhood Blindness and Musicality: Science and Magic Bradley C. Black, MD
12:05 PM – 12:08 PM	Presentation Ceremony Susan H. Day, MD

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 Chaim Stoloivitch
12:17 PM – 12:24 PM	Consent for Resident Participation in Pediatric Strabismus Surgery Stephanie Dotchin, MD, FRCSC
12:24 PM – 12:31 PM	Congenital Superior Oblique Palsy- Etiology and Success of Early Endoscopic Craniosynostosis Surgery Kenneth Wright, MD
12:31 PM – 12:35 PM	DISCUSSION OF PREVIOUS PAPER Linda R. Dagi, MD
12:35 PM – 12:42 PM	Development of an AI-based Smartphone Application for Automated Screening of Strabismus Havvanur Bayraktar
12:42 PM – 12:49 PM	Interpretable Biometrics-Based Machine Learning for Automated Quantification of Horizontal Manifest Deviations in Pediatric Strabismus Rahul Dhodapkar, MD
12:49 PM – 12:56 PM	A Novel Machine Learning Calculator for Strabismus Surgical Planning Incorporating Multiple Preoperative Variables and Big Data Michal Blau Most
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 Danielle M. Ledoux, MD, Heather Modjesky, COE, Hawke Yoon, MD
3:10 PM – 3:55 PM	OMIC Workshop Severe Complications of Strabismus Surgery Jinali Diora, MD, Aaron M. Miller, MD, MBA, FAAP
4:05 PM – 4:30 PM	AAPOS Business Meeting
4:30 PM – 6:30 PM	Jampolsky Founders Series Exhibitor Reception
6:30 PM – 8:30 PM	Poster Viewing (1 st Set) (Authors not present) CME eligible

FRIDAY, MARCH 20, 2026

6:30 AM – 5:00 PM	Registration
6:30 AM – 7:00 AM	Poster Viewing (1 st 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 Hilda Capo, MD, Jason Peragallo, MD, Shatha Alfreihi, MD, Manju Bhate, MD, Luis Javier Cardenas Lamas, MD, Linda Dagi, MD, Sean Donahue, MD, PhD, David Granet, MD, MHCM, Kammi Gunton, MD, Maanasa Indaram, MD, Saurabh Jain, FRCOphth, Leila Khazaeni, MD, Jasleen Singh, MD, Yi Ning Strube, MD, MS, FRSCS, DABO
	Cerebral/Cortical Visual Impairment (CVI): A Multidisciplinary Approach Melinda Chang, MD, Sharon Lehman, MD, Todd Murdock, MD, Rachel Bennett Lotfi Merabet, OD, PhD, MPH
	Pediatric Glaucoma Debates: The Basics and the Unexplored Matthew Haynie, MD, Allen Beck, MD, Brenda Bohnsack, MD, PhD, Sharon Freedman, MD, Michelle Go, MD, MSc, Alex Levin, MD
	What's New and Important in Pediatric Ophthalmology and Strabismus 2026 Casey Smith, MD, Leah Reznick, MD, David Ramirez, MD, Sudhi Kurup, MD, Katherine Brown, MD, Breanna Tracey, MD, Kelly Ruland, MD, Lauren Diroff, MD, Grace Wang, MD, PhD

WORKSHOPS – SESSION B

8:30 AM – 9:45 AM	Leadership in Pediatric Ophthalmology and Strabismus: Practical Lessons and Strategies from the Experts Laura Enyedi, MD, David Wallace, MD, MPH, Stephen Christiansen, MD, Susan Culican, MD, PhD, Jane Edmond, MD, David Hunter, MD, PhD
	Horses and Zebras--Pediatric Anterior Segment Findings You Don't Want to Miss Phoebe Lenhart, MD, Angela Zhu, MD, Kamiar Mireskandari, FRCOphth, PhD, Nallely Morales-Mancillas, MD, Carolina Adams, MD, Simon Fung, MD, Larissa Gouvea, MD, PhD
	Happy Patients, Happy Families, Happy Staff - Tips and Tricks to Make Happier Doctors Gregg Lueder, MD, Brian Campolattaro, MD, K David Epley, MD, Courtney Kraus, MD, Eric Packwood, MD, Tamara Wygnanski-Jaffe, MD
	ISA Workshop: Challenging Duane Cases from Around the World Andrea Molinari, MD, Arif Khan, MD, Saurabh Jain, FRCOphth, Kyle Arnoldi, CO, Hala Elhilali, MD, Suma Ganesh, MD
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, MD, MPH, Elias Traboulsi, MD, MED, Alejandra de Alba Campomanes, MD, Kamiar Mireskandari, FRCOphth, PhD, Yasmin Bradfield, MD, Cynthia Beauchamp, MD, FAAP, Jefferson Doyle, MD, PhD, MHS
	Common (and uncommon) Surgical Techniques in Strabismus Surgery: A Video Based Workshop Saurabh Jain, FRCOphth, Andrea Molinari, MD, Erick Bothun, MD, David Plager, MD, Jon Peiter Saunte
	Childhood Cataract: Realities, Surgery & Beyond Ramesh Kekunnaya, MD, Alex Levin, MD, M. Edward Wilson, MD, Deborah VanderVeen, MD, Srijana Adhikari, MD, PhD, Melinda Chang, MD
	Evidence-Based Management of Intermittent Exotropia: A Synthesis of PEDIG Studies 2012-2025 Stacy Pineles, MD, Jonathan Holmes, MD, Sean Donahue, MD, PhD, Brian Mohny, MD, Angela Chen, OD, Allison Summers, OD, MCR, Stephen Christiansen, MD, Michael Repka, MD, MBA
11:30 AM – 12:00 PM	Poster Removal (1 st Set)
12:00 PM – 1:00 PM	Corporate Sponsored Symposium (No CME)

WORKSHOPS – SESSION D

1:15 PM – 2:30 PM	<p>Botulinum Toxin in Strabismus for the Pediatric Ophthalmologist in 2026 – What/How/When/Why Ryan Gise, MD, Michael Wan, MD, David Hunter, MD, PhD, Michael Nguyen, MD, FRCSC, Ankoor Shah, MD, PhD, Crystal Cheung, MD</p> <hr/> <p>Technology Made Ridiculously Simple: Practical Tips to Improve Your Practice and Quality of Life Maanasa Indaram, MD, Julius Oatts, MD, MHS, Evan Silverstein, MD, Laura Enyedi, MD, Tanya Glaser, MD</p> <hr/> <p>Genetic Eye Disorders in Children: Five Practice Pearls Virginia Miraldi Utz, MD, Elias Traboulsi, MD, MED, Arif Khan, MD, Jennifer Rossen, MD, Alex Levin, MD, Razeq Coussa, MD, Jose Cijin Puthusser, MD, MBA, Gerald Zaidman, MD, Emily McCourt, MD, Alina Dumitrescu, MD, Laryssa Huryn, MD</p> <hr/> <p>AOC Workshop: Nystagmus: Practical Evaluation and Management Sarah Whitecross, CO, Mark Borchert, MD, Gena Heidary, MD, PhD, Lindsay Klaehn, OC(C), CO, COMT, Madison Kincade, CO</p> <hr/>
-------------------	--

WORKSHOPS – SESSION E

2:45 PM – 4:00 PM	<p>Treating Iatrogenic Strabismus from Scleral Buckles, Glaucoma Hardware, Orbital Plates and after Endoscopic Sinus Surgery Linda Dagi, MD, Federico Velez, MD, Hilda Capo, MD, Manju Bhate, MD, Vivekanand Warkad, MD</p> <hr/> <p>Congenital and Acquired Optic Neuropathies – What Not to Miss Ryan Gise, MD, Gena Heidary, MD, PhD, Melinda Chang, MD, Jason Peragallo, MD, Lauren Ditta, MD, Mays El-Dairi, MD</p> <hr/> <p>Advocacy in Action: Turning Challenges Into Change with the AAPOS Advocacy Committee Anne Langguth, MD, Michelle Falcone, MD, Danielle Ledoux, MD, Michael Puente, MD, Stacey Kruger, MD, Chris Rorick, MPA, Shelagh Foster</p> <hr/> <p>Successful Medical Student Research Mentorship Strategies in Pediatric Ophthalmology Allison Summers, OD, MCR, Megan Collins, MD, MPH, Janet Alexander, MD, Courtney Kraus, MD, Sharon Freedman, MD, Andrew Lee, MD, Fountane Chan, MD, Maria Jessica Cruz, BA</p> <hr/>
-------------------	---

3:45 PM – 4:15 PM	Poster Set Up (2 nd Set)
4:15 PM – 5:15 PM	<p>President's Symposium Don't Ask the Blind Patient for Directions John Samuel, Author</p> <hr/> <p>Young Ophthalmologists, Senior Ophthalmologists and New Member Reception</p> <hr/> <p>Poster Viewing (2nd Set) (Authors not present) CME eligible</p> <hr/>

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 nd Set) (Authors not present) CME eligible
7:00 AM – 8:00 AM	Breakfast
8:00 AM – 8:01 AM	<p>Introduction of Gunter K. von Noorden Young Investigator Award Paper Eric Gaier, MD</p> <hr/> <p>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 Melinda Chang, MD</p> <hr/> <p>Presentation Ceremony Mohammad S. Jaafar, MD</p> <hr/>

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 Anat Bachar Zipori
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 Ahmad F. Alzein
8:24 AM – 8:31 AM	Pediatric Refractive Error Trends from 2002 to 2025 Nesime S. Tiskaoglu
8:31 AM – 8:38 AM	Escalation, Adherence, and Tapering: Real-World Myopia Control Outcomes in U.S. Children Soh-Youn Suh
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 Tina Rutar, MD
8:45 AM – 8:52 AM	Myopia Control Biomarker, Short-Term Axial Length Reduction, following Induced Digital Peripheral Defocus Tamara Wygnanski-Jaffe
8:52 AM – 8:56 AM	DISCUSSION OF PREVIOUS PAPER Rosario Gomez de Liano
8:56 AM – 9:03 AM	Ciliary Muscle Dysregulation in Duane Retraction Syndrome: Objective Evidence of Tonic and Dynamic Accommodative Deficits Soner Guven
9:03 AM – 9:10 AM	Imaging Guidelines for New Onset Esotropia in Children Anna Chen, BS
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 Ken Kawamoto, FRCOphth
9:17 AM – 9:21 AM	DISCUSSION OF PREVIOUS PAPER Oscar A. Cruz, MD
9:21 AM – 9:28 AM	Surgical Outcomes of Combined Resection–Recession in Children with Esotropia and Distance–Near Disparity Anna Paola Maino
9:28 AM – 9:35 AM	Three-Year Outcomes of Gonioscopy-Assisted Transluminal Trabeculotomy in Primary Congenital Glaucoma Rokaya Radwan, MSc, FRCOphth
9:35 AM – 9:42 AM	Incidence and Prevalence of Glaucoma Surgery Following Pediatric Corneal Transplant from 2015-2024 Aron M. Sebhat , MD, MPH
9:42 AM – 10:00 AM	PANEL DISCUSSION
10:00 AM – 11:00 AM	Interactive Poster Session – Author Presentation and Q/A – 2nd Set of Posters Regular Poster Session (B1-99) Galleria Room Medical Student Poster Session (MS B1-B38) Burroughs Room Authors Present – CME eligible (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 Hyperopic Ametropia Implanted with Phakic Ophtec IOLs Nicholas Faron
11:12 AM – 11:16 AM	DISCUSSION OF PREVIOUS PAPER M. Edward Wilson, MD
11:16 AM – 11:23 AM	Biometric Development, Refractive Outcomes and IOL-Formula Adjustment in Infants with Congenital Cataract: A Large Retrospective Cohort Study Ramesh Kekunnaya
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 Kajree Gupta, MD
11:30 AM – 11:37 AM	Cataract Surgery in Paediatric Eyes with Silicone Oil: Anterior Segment Outcomes Jian Chew

11:37 AM – 11:44 AM	Incidence of Uveitis after Pediatric Cataract Surgery in the IRIS® Registry Naira Ikram
11:44 AM – 11:51 AM	Non-Invasive Epithelium-on Oxygen-Enriched Corneal Collagen Crosslinking for the Treatment of Pediatric Patients with Keratoconus Michael B. Raizman, MD
11:51 AM – 11:58 AM	Corneal Crosslinking in Children with Keratoconus Ages 3 to 16 Years: Topographic Diagnostic Criteria and Surgical Outcomes Naira Pereyra-Munoz
11:58 AM – 12:02 PM	DISCUSSION OF PREVIOUS PAPER Phoebe Lenhart, MD
12:02 PM – 12:09 PM	Incidence and Early Course of Retinopathy of Prematurity in Micro-Premature Infants: The ROP-Check Cohort Study Urmi Mehta
12:09 PM – 12:16 PM	Ridge Thickness as a Predictor for Stage 3 Retinopathy of Prematurity Elizabeth V. Roti, BS
12:16 PM – 12:23 PM	Improving P Score Agreement: Novel Discoveries in Retinopathy of Prematurity Classification Julius Oatts, MD, MHS
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 Celine Chaaya, MD, MSc
12:30 PM – 12:34 PM	DISCUSSION OF PREVIOUS PAPER David K. Wallace , MD, MPH
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 Ha-Neul Yu
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 Moderator
2:17 PM – 2:20 PM	Trends in Career Choices Among Pediatric Ophthalmology & Strabismus Fellowship Graduates Stephanie Chau Nguyen
2:20 PM – 2:23 PM	Evaluating Diagnostic Yield and Clinical Outcomes of Inpatient Pediatric Ophthalmology Consultations at a Tertiary Care Center Akanksha Malepati, BS
2:23 PM – 2:26 PM	Supports and Challenges in Transitioning Patients with Neurodevelopmental Disorders to Adult Ophthalmology Vanessa Anderson, BA
2:26 PM – 2:29 PM	Machine Learning Prediction of Strabismus with and without Amblyopia from Fixation Eye Movements Kevin Xu
2:29 PM – 2:32 PM	Diagnostic Discrepancies in Pediatric Orbital Muscle Entrapment Christian Tallo
2:32 PM – 2:35 PM	Neuroimaging Findings in Children with Comitant, Non-Accommodative Esotropia of Greater Than Six Months Duration Wen Ting Zheng, BS
2:35 PM – 2:38 PM	Evaluating Botox Injection in the Treatment of Pediatric Strabismus Hannah Brosman, BS
2:38 PM – 2:41 PM	Long-Term Outcomes and Predictors of Success in Botulinum Toxin Augmented-Strabismus Surgery for Infantile Esotropia Muhammad Abidi, BS
2:41 PM – 2:44 PM	A Biomechanical Model for Preoperative Planning in the Modified Nishida Procedure for Complete Sixth Nerve Palsy Ji An Lee

2:44 PM – 2:47 PM	Surgical Outcomes of Scott 2:1 Recess-Resect Adjustable Technique for Incomitant Strabismus Jennifer Vu
2:47 PM – 2:50 PM	Diagnostic Fallacy about Ectopia Lentis in Marfan Syndrome Ava Niknahad
2:50 PM – 2:53 PM	Oral vs Subcutaneous Methotrexate at High Dose for Pediatric Anterior Uveitis Katie Choi, MPH
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 Pareena Sharma
2:56 PM – 2:59 PM	Outcomes of Cataract Surgery in Pediatric Non-infectious Uveitis Jenny Shunyakova
2:59 PM – 3:02 PM	Treatment Pathways in Pediatric Glaucoma Following Cataract Surgery Ibrahim Abboud
3:02 PM – 3:05 PM	Clinical Course and Risk Factors for Glaucoma in Pediatric Ocular Hypertension Meron Haile, BS
3:05 PM – 3:08 PM	Risk Factors Associated with Steroid-Induced Ocular Hypertension in Children Alan Huang, BA
3:08 PM – 3:11 PM	Referral Patterns and Ocular Manifestations of Cutis Marmorata Telangiectatica Congenita Keely Likosky, BS
3:11 PM – 3:14 PM	Progression of Cerebrovascular Abnormalities in Patients with Morning Glory Disc Anomaly Annie Yao, BS
3:14 PM – 3:17 PM	Long-Term Results of Incorporating Telemedicine for Retinopathy of Prematurity Screening in a Large Integrated Healthcare Network Eric Donahue, PhD
3:17 PM – 3:20 PM	Asymmetric Retinopathy of Prematurity: Characteristics and Outcomes Stephanie Zhang, BA
3:20 PM – 3:23 PM	Microvascular Flow Ultrasound Imaging in Pediatric Ophthalmology Bijal Kikani, BS
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 Noor Abdullah
3:26 PM – 3:29 PM	Longitudinal Analysis of Outcomes and Complications following Intravitreal Bevacizumab for Management of Type 1 Retinopathy of Prematurity Taylor Juran
3:29 PM – 3:30 PM	Closing Remarks Moderator
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 nd Set) (Authors not present) – CME eligible
7:30 AM – 8:00 AM	Poster Removal (2 nd 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 Jason H. Peragallo, MD; Robert Avery, DO, Stefanie Davidson, MD, Alexis Flowers, MD, Grant Liu, MD, Ellen Mitchell, MD, Elena Bitrian, MD, Efren Gonzalez, MD
9:10 AM – 10:40 AM	Difficult Problems Strabismus Workshop: AAPOS & NANOS Stacy L. Pineles, MD; Federico Velez, MD, Ramesh Kekunnaya, MD, Mays El-Dairi, MD, Veeral Shah, MD, PhD, Jane Edmond, MD, Janet Alexander, MD, Nicholas Volpe, MD
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 Brenda L. Bohnsack, MD, PhD
A2	Real-World Effectiveness of a Binocular, Dual-Mechanism Therapy in Severe Amblyopia: Analysis from the PUPiL Registry Maanasa Indaram, MD
A3	Nationwide Cohort Study of the Association between Amblyopia and Benign Paroxysmal Positional Vertigo Haeng-Jin Lee

ANTERIOR SEGMENT

A4	Normative Corneal Tomography Values in a U.S. Pediatric Population Elizabeth Miller Bolton
A5	Assessment of Disparities Among Patients with Pediatric Blepharokeratoconjunctivitis Jennifer Mai Lai
A6	Supra-Trasol Steroid Injection for Severe Vernal Conjunctivitis Maya Atar-Vardi
A7	Phenotypic and Genotypic Characterization of Posterior Polymorphous Corneal Dystrophy in Children: A 13 Year Clinical Review Meghal Gagrani
A8	Visual Outcomes and Complications of Exposure Keratopathy in Pediatric Patients Laura Perilloux, MD
A9	Association Between Dupilumab and Ocular Surface Diseases in Children: A Retrospective Cohort Study Hajirah N. Saeed
A10	Prevalence and Clinical Characteristics of Dry Eye Syndrome in Pediatric Patients Jose Fernando Perez-Perez
A11	Long Term Visual Outcomes of Optical Iridectomy for Corneal Opacities in Children Larissa Gouvea, MD, PhD

CATARACT

A12	Social Vulnerability Predicts Worse Visual Outcomes and Lower Patching Adherence in Patients with Unilateral Congenital Cataracts Alaa Mohamedali
A13	"Real World" Sensory Outcomes after Unilateral Infantile Cataract Surgery Gia Lodato, BA, COA
A14	Etiology, Demographics, and Clinical Features of Dense Pediatric Cataracts Mohammadali Ashraf
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) Jeremy Hu
A16	Postoperative Outcomes of Sulcus Intraocular Lens Placement in Patients with Microcornea Elizabeth Mellencamp, MD

GENETICS

A17	Ophthalmic Manifestations of Patients with Trisomy 18 Frances de la Camara, MD
-----	--

A18 Real-World Outcomes of Voretigene Neparvovec in Children with RPE65-Mediated Retinal Dystrophy: Manchester Royal Eye Hospital Experience

Aimee Lloyd

A19 Retinal Vasoproliferative Tumor as a Complication of Pediatric Inherited Retinal Dystrophy

Arif O. Khan

GLAUCOMA

A20 Outcomes of Cataract Surgery in Eyes with Paediatric Glaucoma

Hala Elhilali, MD

A21 Effect of Social Determinants of Health on Outcomes of Glaucoma Following Cataract Surgery in a Pediatric Population

Robert Bryce Robbins, MD

A22 Incidence of Mental Health Conditions in Children with Glaucoma

Milap Vaghela, MBBS, MS

A23 Iris Insertion and Trabecular Meshwork Composition in Primary Congenital Glaucoma and Healthy Eyes using Anterior Segment OCT

Jiaxing Wang

A24 Efficacy of Goniosurgery for Newborn versus Infantile Primary Congenital Glaucoma

Helen H. Yeung, MD

A25 Optic Nerve Head Grading Differences in Unilateral Persistent Fetal Vasculature with and without Glaucoma

Dalia El Hadi, MD

NEURO-OPHTHALMOLOGY

A26 Evaluating the Diagnostic Value of Fluorescein Angiography in Pediatric Optic Nerve Elevation with PHOMS

Aaron Warning, MD

A27 Diagnostic Value of the GCL/INL Ratio in NF1-Associated Optic Pathway Gliomas

Leeor Amit, MD

A28 Predictive Value of Macular Ganglion Cell Thinning Artifact for Disease Severity in Pediatric Idiopathic Intracranial Hypertension

Miriam Ehrenberg, MD

A29 Precision of VR-Based Eye-Tracking for Gaze and Pupil Measurements in Children

Beate Spsychala, MS

A30 Ocular Motility Disorders in Paediatric Posterior Fossa Tumours: A Retrospective Review

Helena Fawdry

NYSTAGMUS

A31 Nystagmus Diagnosis and Etiology Evaluation in the Pediatric Population

Esha Prakash, MBChB, BSc

A32 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

A33 Incidence of Mental Health Conditions in Pediatric Patients who have Sustained Ocular Trauma

Tejal Magan, MD

A34 Non-Powder Firearm-Related Pediatric Ocular Trauma in the United States: A 10-Year National Analysis

Olga C. Salamanca

OCULOPLASTICS

A35 Safety and Efficacy of Systemic Corticosteroids in Children with Orbital Cellulitis

Gil Binenbaum

A36	Management and Complications of Orbital Cellulitis in Children: A Retrospective Study Justine Rheault, MD
A37	Surgical Patterns of Pediatric Acute Dacryocystitis in a United States Multicenter Study Marina Shenouda, MD
A38	In Office Initiation of Oral Propranolol for Infantile Hemangiomas Is Safe and Efficacious Sarah Martin, MBBS
A39	Practical, Easy, Costless Frontalis Sling for Correction of Congenital Ptosis with Poor Levator Function, A Novel Technique Sabry N. Aboughaly, MD, FRCS

PRACTICE AND WORKFORCE MANAGEMENT

A40	Does Ophthalmology Residency Curriculum Influence Application to Pediatric Ophthalmology Fellowship? Elizabeth L. Turner, DO
A41	Enhancing Clinical Confidence and Skills: Effects of Online Training in Pediatric Ophthalmology for Brazilian Ophthalmologists Erika Mota Pereira, MD
A42	Exceptional Value of Pediatric Ophthalmic Interventions: An AI Comparative Cost-Utility Analysis Gerard P. Barry, MD
A43	Four-Year Outcomes from an Eye Clinic for Adults with Intellectual and Developmental Disabilities Michael Puente, MD
A44	A Survey on Practice Patterns Related to Sustainability Initiatives by the AAPOS Sustainability Task Force Prathishtha Pitchayaiah

PUBLIC HEALTH

A45	Socioeconomic and Racial Disparities in Pediatric Ophthalmology Referrals: Insights from the UCSD EyeMobile Program Lauren Hennein, MD
A46	Vitamin A Deficiency Related Ophthalmic Complications in Children in the United States: A Case Series Erica Luse, MD
A47	Awareness of Vitamin A Deficiency in Children with Autism Spectrum Disorder and Dietary Restriction: A Case Series Abbas Habibi
A48	Prevalence of Childhood Eye Disease in Peri-Urban Nepal: A Population-Based Study Manisha Shrestha
A49	Ophthalmic Sequelae of Pediatric Sports-Related Traumatic Brain Injury Christina Scelfo, MD
A50	Lamotrigine-Associated Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis in Children: A Systematic Review and Meta-Analysis of Worldwide Prevalence Abdullah Ahmed, MD

REFRACTIVE

A51	Differences in Cycloplegic Retinoscopy Results Using Near and Far Targets Lily Spellman, MD
A52	Comparative Validation of the New Photoscreener for Pediatric Ophthalmology Pre-Cycloplegic Exams Robert W. Arnold, MD
A53	Induced Myopia from Intraocular Hemorrhage in Children Sabhyta Sabharwal
A54	Refractive Error or Axial Length: Which Better Tracks Pediatric Myopia Risk? Rupa Wong, MD
A55	A Study about the Relationship between Growth and Myopia Progression in Korean Children Hyuna Kim, MD
A56	7-Year Outcomes of Low-Dose Atropine for Pediatric Myopia Control: Early Response Predicts Success and Guides Treatment Escalation

Karenn Mehta

-
- | | |
|-----|--|
| A57 | Comparative Efficacy of Center-Distance Multifocal, Center-Near Multifocal, and Dual-Focus Contact Lenses in Myopia Control: A Multicenter Randomized Clinical Trial
Oriel Spierer, MD |
|-----|--|
-

RETINA – RETINOBLASTOMA – ONCOLOGY

- | | |
|-----|---|
| A58 | The Impact of American Academy of Pediatrics Diabetic Eye Exam Guidelines: A 50-Year Population-Based Study |
|-----|---|

Grayson Ashby, MD

-
- | | |
|-----|---|
| A59 | Multimodal Retinal Imaging in Pediatric Patients with Sickle Cell Trait |
|-----|---|

Sandra Hoyek, MD

-
- | | |
|-----|--|
| A60 | Outcomes of Cryotherapy in Pediatric Pars Planitis: A Retrospective Cohort Study |
|-----|--|

Nicholas Tan, MD

-
- | | |
|-----|--|
| A61 | Challenges and Outcomes of Cataract Surgery in Retinoblastoma: Insights from 25 Years at a Single Center |
|-----|--|

Rand Zuaite, MD

RETINOPATHY OF PREMATUREITY

- | | |
|-----|---|
| A62 | Optimizing ROP Screening: Interpretable Machine Learning vs. G-ROP Criteria |
|-----|---|

Hadas Ben-Eli

-
- | | |
|-----|---|
| A63 | Topographic Features in Retinopathy of Prematurity With en Face Ultra-Widefield OCT |
|-----|---|

David A. Sutter

-
- | | |
|-----|--|
| A64 | Foveal Structure and FAZ Geometry Across Term Born and Preterm ROP Severity: OCT/OCTA Biomarkers |
|-----|--|

Inès Fenniri

-
- | | |
|-----|--|
| A65 | Longitudinal Assessment of Peripheral Retinal Findings using Widefield Photography in Patients with Treated and Regressed Retinopathy of Prematurity |
|-----|--|

Anika Kumar, MD

-
- | | |
|-----|--|
| A66 | Aggressive Retinopathy of Prematurity: A Matched Cohort Analysis of Treatment Patterns, Visual development and Systemic Outcomes |
|-----|--|

Francesca Kahale, MD

-
- | | |
|-----|---|
| A67 | Aflibercept vs Bevacizumab for Treatment-Requiring Retinopathy of Prematurity |
|-----|---|

Samantha Butterfield, MD

-
- | | |
|-----|--|
| A68 | A Randomized Trial Comparing Two Doses of Bevacizumab for Treatment of ROP in Zone I |
|-----|--|

David K. Wallace, MD, MPH

-
- | | |
|-----|--|
| A69 | Retreatment Across Risk-Cohorts in Retinopathy of Prematurity: Intravitreal Bevacizumab Injection vs Laser |
|-----|--|

Francisco Altamirano

STRABISMUS

- | | |
|-----|---|
| A70 | Clinical Validation of the Survey for STRabismus Relationships and Bullying (STRAB) |
|-----|---|

Angela N. Buffenn, MD, MPH

-
- | | |
|-----|--|
| A71 | UK Professionals' Outlook on the Impact of Strabismus on Employability |
|-----|--|

Rohit K. Jolly

-
- | | |
|-----|---|
| A72 | Prevalence of Strabismus and Amblyopia Among United States Medicare Beneficiaries |
|-----|---|

Hennaav Dhillon, MD

-
- | | |
|-----|---|
| A73 | Optical Management of Accommodative Esotropia in Pediatric Population |
|-----|---|

Andrea Rangel Padilla, MD

-
- | | |
|-----|--|
| A74 | Role of the Preoperative Prism Adaptation Test in the Correction of Comitant Horizontal Strabismus |
|-----|--|

Natalia Mayela Cantón-Muñoz, MD

-
- | | |
|-----|---|
| A75 | The Natural History of Exophoria Progression Among Young Healthy Adults |
|-----|---|

Sharon Armarnik

-
- | | |
|-----|---|
| A76 | Using Dichoptic Therapy to Improve Intermittent Exotropia Control |
|-----|---|

Evan Silverstein, MD

-
- | | |
|-----|--|
| A77 | Relationship Between Health-Related Quality of Life Outcomes and Control in Childhood Intermittent Exotropia |
|-----|--|

Carolina Adams

A78	Prevalence of Amblyogenic Anisometropia in Children with Superior Oblique Palsy Jenay Yuen, MD, MPH
A79	A Model for Predicting Success of Botulinum Toxin Treatment for Esotropia Raghav Vadhul, MD
A80	Elevation Unlock with Abduction Phenomenon: a novel sign in heavy eye syndrome Sasha Mansukhani
A81	Intraoperative Anterior Segment Optical Coherence Tomography for Extraocular Muscle Assessment during Strabismus Surgery: A Case Series in Re-operative and Primary Strabismus Gunjan Chadha

STRABISMUS SURGERY

A82	Trigeminal Afferent Oculocardiac Reflex comparison between Conjunctival Incision and Rectus Tension Breckin Reicks
A83	Effect of Oral Opioid Prescription on Rates of Postoperative Pain Amongst Ophthalmology Subspecialties: A Large Database Analysis Anna Toth, MD, PhD
A84	Association of Trainee Participation with Strabismus Surgery Outcomes in the IRIS Registry Ju Hyun Jeon
A85	Botulinum Toxin Injection versus Surgical Intervention in the Management of Residual Esotropia Taghreed Alnajjar
A86	Surgical Dosing for Partially Accommodative Esotropia Averaging Distance Angle With and Without Hyperopic Correction Veronika Yehezkeli
A87	Augmented Bimedial Rectus Recessions for DIET: The Critical Role of Convergence Amplitudes Tais Estrela, MD, PhD
A88	Single-Step Bilateral Yokoyama Procedure for Moderate-Angle High Myopia Associated Esotropia: An Autoadjustable Approach Bastián Grass, MD
A89	Bilateral versus Unilateral Medial Rectus Recession in Adult Acquired Esotropia: A Comparative Study Toshiaki Goseki, MD, PhD
A90	The Effect of Graded Inferior Oblique Z-Lengthening Partial Width Myotomy for Small Hypertropias with Cyclotorsion Riya Shah, MD
A91	Surgical Outcomes in MRI-confirmed Bilateral Superior Oblique Palsy (SOP) Eli Neimark
A92	Strabismus Surgery Following Glaucoma Procedures: A Case Series Highlighting the Role of Conjunctival Relaxing Incisions in Preventing Postoperative Restriction Mona Fayad, MD
A93	Prevalence and Outcomes of Strabismus Surgery in Patients with Retinoblastoma (2004–2025) Mariana Moctezuma Davila, MD
A94	Vertical Rectus Pole Recessions for Lateral-Gaze Incomitance of Hypertropias Samuel M. Philbrick, MD

VISION ASSESSMENT – VISION SCREENING

A95	Sleep Disruptions in Blind and Visually Impaired Children Arianna Albertorio
A96	Testability and Reliability of a Near Contrast Sensitivity Chart in Children Aged 3 to 11 Years Reed M. Jost, MS
A97	Vision Screening Outcome over Two School Years from a School-based Vision Program Megan E. Collins, MD, MPH

MEDICAL STUDENT POSTERS

AMBLYOPIA

MS – A1	Monocular vs. Binocular Deprivation Amblyopia: Treatment Outcomes in Children with Congenital Cataract
---------	--

William C. Carter

- | | |
|---------|--|
| MS – A2 | Lifelong Systemic and Psychiatric Outcomes of Childhood Amblyopia in a National Cohort of American Adults
Kyoung A Viola Lee |
|---------|--|

ANTERIOR SEGMENT

- | | |
|---------|--|
| MS – A3 | Comparative Analysis of Anterior and Posterior Corneal Tomographic Parameters in Normal and Keratoconus Pediatric Eyes using Scheimpflug Imaging |
|---------|--|

Alexandra H. Katz

- | | |
|---------|--|
| MS – A4 | Association of Down Syndrome with Keratoconus in Pediatric Population: A Retrospective Cohort Analysis |
|---------|--|

Ryan Shahrokni, BSc**CATARACT**

- | | |
|---------|---|
| MS – A5 | Cost Variation in Pediatric Cataract Procedures at Ambulatory Facilities Across the United States |
|---------|---|

Zoe Z. Ngo

- | | |
|---------|---|
| MS – A6 | Pupil Size in the Infant Aphakia Treatment Study: Associations with Vision Outcomes |
|---------|---|

Riva Menon

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

Shriya Agarwal, BS**GLAUCOMA**

- | | |
|---------|---|
| MS – A8 | Evaluating the Impact of Intraocular Pressure Measurement Timing After Anesthesia Induction in the Pediatric Population |
|---------|---|

Karina Patel

- | | |
|---------|--|
| 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 J. Harris

- | | |
|----------|---|
| MS – A11 | Differences in Neuro-Ophthalmological Characteristics of Lyme Neuroborreliosis in Children and Adults: A Systematic Review of Individual Participant Data |
|----------|---|

Chaerim Kang**OCULAR INFECTIONS**

- | | |
|----------|--|
| MS – A12 | Two Populations, One Disease: Comparing Adult and Pediatric Orbital Cellulitis |
|----------|--|

Jacob Larsen

- | | |
|----------|--|
| MS – A13 | Comprehensive Image-Based Multilabel Pediatric Trachoma Classification Using Deep Learning |
|----------|--|

Michael Aaby, BA, MHM**PRACTICE AND WORKFORCE MANAGEMENT**

- | | |
|----------|---|
| MS – A14 | An Analysis of Repeat Inpatient Pediatric Ophthalmology Consultations at a Tertiary Care Center |
|----------|---|

Amy Jasani

- | | |
|----------|--|
| MS – A15 | Mapping Pediatric Eye-Care Deserts in Canada: A National Geospatial Analysis of Clinician Density, Travel Burden and Socio-economic Inequity |
|----------|--|

Aljeena Rahat Qureshi, MSc, MD(c)

- | | |
|----------|--|
| MS – A16 | Research and Clinical Productivity in Pediatric Ophthalmology Compared to Other Subspecialties 2021–2023: A Cross-Sectional Analysis |
|----------|--|

Jamie L. Surgent-Nahay, MS, BS

MS – A17	Comparison of AAPOS Professional Education Committee (PEC)-generated versus Artificial Intelligence (Chat-GPT5)-Generated Summaries of Scientific Articles Isabelle Roseto, MS3
MS – A18	Predictors of Visit Length in Pediatric Ophthalmology: A Retrospective Analysis Samantha Xing, BA
MS – A19	Visit Length in Pediatric Ophthalmology: Effects of Combined Dilation Drops and Orthoptist Involvement Shawn Khan, BS
MS – A20	A Small Volume Topical Ophthalmic Spray for Pupillary Dilation in Children: A Randomized, Masked Non-inferiority Trial Alyssa Godfrey, MSc

PUBLIC HEALTH

MS – A21	Disparities in Vision Care Access Among U.S. and Foreign-born Children in the United States Sami Humeda
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 Anam Ahmed
MS – A24	Predictors of Follow-Up Noncompliance with Pediatric Ophthalmology Visits in Children with Intellectual and Developmental Disabilities David Borden, BA
MS – A25	Mental Health, Cognitive, and Behavioral Correlates of Vision and Dual Sensory Impairment in U.S. Children Zhuochen Yuan
MS – A26	Cost Burden of Pediatric Eye Trauma: Professional Expenses in Closed-Globe Injuries (CGI) Anthony Bennett

REFRACTIVE

MS – A27	Effect of COVID-19 Confinement on the Progression of Refractive Errors in Children Aged 6–14 Years: An Ambispective Cohort Study Emma Carpenter
----------	---

RETINA – RETINOBLASTOMA

MS – A28	Risk of Vision Threatening Complications with Sports in Juvenile X-linked Retinoschisis Kaitlyn Grimes
MS – A29	Trends in Childhood Visual Impairment in the US Retinoblastoma Population Monica Lewis, BA

RETINOPATHY OF PREMATURITY

MS – A30	Retinopathy of Prematurity: A Global Review of Screening Guidelines Nina Ahmad
MS – A31	Clinical and Socioeconomic Risk Factors Associated with Retinopathy of Prematurity at the First Screen with a Treated-Cohort Sub-Analysis Aaron Johann D'Silva
MS – A32	Retinopathy of Prematurity (ROP) in Extremely Premature Infants Devin Beckmann, BS
MS – A33	Geographical Trends in Primary Treatment Decisions for Retinopathy of Prematurity in the US He Eun (Grace) Forbes, BS, MSc
MS – A34	Ranibizumab in the Management of Retinopathy of Prematurity Victoria Vought, BA

STRABISMUS – STRABISMUS SURGERY

MS – A35	Evaluating Disparities in Access to Adult Strabismus Care Allen George
MS – A36	Sensorimotor Findings in Strabismus Patients on Gender Affirming Hormone Replacement Therapy Andrea Odinakachukwu Orji
MS – A37	Long-Term Surgical Success Rates of Muscle Plication Compared to Resection for Horizontal Strabismus Betsy Benitez, MS

VISION SCREENING

MS – A38	From Policy to Practice: Evaluating Michigan's Preschool and School-Age Vision Screening Program and Downstream Specialty Care Access Stephanie Lee
MS – A39	Disparities in Pediatric Eye Examination Follow-Up after Abnormal Vision Screening Results Saara Khan

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	Amblyopia Outcomes with a Digital Therapeutic among Children 3 to 12 years of age in Clinical Practice Compared with IRIS Registry Benchmarks Michael X. Repka, MD, MBA
B2	The Diagnosing Amblyopia in Rural Neighborhoods (DARN) Study, An IRIS Registry Database Analysis William J. Johnson, MD
B3	Genomic Structural Variant Associated with Amblyopia in the All of Us Research Program Mary Whitman, MD, PhD
B4	How Amblyopia Subtype Shapes Fellow- and Amblyopic-Eye Contrast Sensitivity to First-, Second-Order, and Radial Stimuli Roberta M. B. Zagui

ANTERIOR SEGMENT

B5	Pediatric Keratoconus Diagnosis by Corneal Tomography: A Large-Scale Validation Study Alexia Romanelli
B6	Standardising the Structure of Routinely Collected Data for Childhood Ocular Inflammation: A SNOMED CT Mapping Project Yasmin Adelekan-Kamara, MBBS
B7	Intestinal Microbiome Profile in Children with Juvenile Idiopathic Arthritis-Associated Uveitis: A Pilot Case-Control Study Michael Wan
B8	Discontinuation of Biologic Therapy in Pediatric Non-Infectious Uveitis: Outcomes from a Retrospective Cohort Hassan Hazari, MD, FRCSC
B9	Clinical Outcomes of Weekly Adalimumab in Refractory Non-Infectious Paediatric Uveitis and the Role of Serum Drug Levels and Anti-Adalimumab Antibodies Raheej Shamim Khan
B10	Smartphone-Assisted Meibography in Pediatric Population Florin Grigorian, MD
B11	Impact of Pediatric Ocular Trauma on the Corneal Endothelium: A Specular Microscopy Study

Paula Basso Dias

B12 Longitudinal Trajectory of Vision Problems in Pediatric Burn Survivors: Five-Year Multicenter Outcomes

Asmaa Zidan

B13 Potential Suspect Drugs of Pediatric Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis

Jamila Hiasat

B14 Five-Year Outcomes of Keratoprosthesis in Pediatric Patients

Michael A. Bednar, BSc

CATARACT

B15 Outcomes of Cataract Surgery in Myopic Children

Sumita Agarkar

B16 Evaluation of Genotype-Phenotype Associations in Juvenile and Congenital Cataracts

Amal Allozi, MD

B17 Timing for Secondary Intraocular Lens Implantation

Bharti Nihalani-Gangwani

B18 Risk Factors for Posterior Capsulotomy Following Cataract Surgery in Pediatric Patients

Ryan Ahmad Sahraravand, MD

B19 Outcomes of Posterior Iris Fixated Intraocular Lens in Patients with Ectopia Lentis and Pediatric Cataracts

Manju Bhate

GENETICS

B20 Cardiac Septal Defects as a Predictor of Ocular Co-Morbid Conditions in Children with Down Syndrome

Qais A. Dihan

B21 Ocular Manifestations of Pediatric Rubinstein-Taybi Syndrome: A Multi-Institutional Analysis

Adam Davis

B22 Anything but Crystal Clear: Unmasking Retinal Changes Post-Transplant

Shaleen Arora, MD

B23 Ocular Features and Genetic Correlations of Craniosynostosis Children Managed at a Tertiary Care Center

Sameh Soliman Gaballah

GLAUCOMA

B24 Automated Perimetry in Children with Suspected and Known Glaucoma: Virtual Reality Versus Tabletop

Stephanie M. Tillit, MD

B25 Hidden Burden: Neurodevelopmental Challenges in Children with Glaucoma

Madhurima Chaudhuri, MBBS, MRCSEd

B26 Analysis of Late-Diagnosed Pediatric Glaucoma Cases at Two Academic Institutions

Christine Xu, MD

B27 Management of Childhood Glaucoma in a Specialized Unit in a Latin America Country

Marian Reyna

B28 Management and Outcomes of Glaucoma in Children with Stickler Syndrome

Adam Jacobson

B29 Safety and Efficacy of Apraclonidine in Pediatric Glaucoma Management

Marie Michele Macaron, MD

NEURO-OPHTHALMOLOGY

B30 Factors Associated with Change in Functional Vision over 1 Year in Children with Cerebral/Cortical Visual Impairment (CVI)

Mark Borchert

B31 Enhancing the Diagnosis of Visual Impairment in Children with Neurologic Injury

Ashley Ooms, MD

B32 Sensorimotor Characteristics of Pediatric Patients with Hemianopic Visual Field Changes

Alex Valentine, MD

B33 Feasibility of Handheld Nonmydriatic Fundus Camera Use for Optic Disc Assessment in Pediatric Patients

Rahul Moorjani, MD, FRCSC

B34 Risk of Neuroblastoma Among Patients with Pediatric Horner Syndrome

Alexander Kwok, MD, MPH

B35 Do Steroids Improve Idiopathic Sixth Nerve Palsy Outcomes?

Amir Sternfeld, MD

NYSTAGMUS

B36 The New Method for Calculating Surgical Treatment of Nystagmus using the Mathematical Modeling Program

Igor Aznauryan, MD, PhD

OCULAR TRAUMA

B37 Pediatric Globe Trauma: Predictors of Surgical Outcomes in a Rural Tertiary Academic Center

Haseeb Mahmud, MD

B38 Risk Factors for Non-Accidental Ocular Trauma and Retinal Hemorrhage in Children

Michael J. Foster, MD

OCULOPLASTICS

B39 Comparative Feasibility and Efficiency of Pediatric Oculoplastic Procedures Across Surgical Settings

Karen Revere

B40 Outcomes of Levator Resection for Pediatric Ptosis: A Nine-Year Retrospective Review

Sila Dogan Tosun, MD

B41 Non-Tobacco Nicotine Use and Cigarette Smoking Increase the Five-Year Risk of Thyroid Eye Disease

Zain Chauhan

PRACTICE AND WORKFORCE MANAGEMENT

B42 Factors Associated with Matching into Pediatric Ophthalmology and Strabismus Fellowship: A San Francisco Match Analysis

Muhammad J. Khan

B43 Authorship and Publication Characteristics in Pediatric Ophthalmology Research: A Review of The AAPOS Professional Education Committee Handouts; 2019-2023

Claudia Amaral, MD

B44 Optimizing Pediatric Inpatient Consult Services Through Integration of a Certified Ophthalmic Assistant: A Sustainable, Replicable Model

Madhuri Chilakapati, MD

B45 Reducing Documentation Burden in Pediatric Ophthalmology: Impact of Ambient Artificial Intelligence (AI) Scribe Technology

Anne Langguth

B46 Quantifying the Impact of Neurodevelopmental Disorders on Pediatric Ophthalmology Visit Durations

Sonali Talsania, MD

PUBLIC HEALTH

B47 Association of Vision Impairment with Food Insecurity in US Children

Reda D. Ghazali, MD, MSc

B48 Telemedicine in Pediatric Ophthalmology: Patterns of Use, Follow-up, and Implications for Expanding Access

Hannah Cropp, MD

B49 Equity in Access to Pediatric Keratoplasty: A Geographic Service Area Analysis of the United States

Hasan Khan, MD

B50 Cost as a Barrier in Myopia Control: Re-enrollment Patterns Following Subsidized Treatment

Noreen Shaikh, OD, FAAO

REFRACTIVE

B51	The Role of Adult Retinoscopy in Resident Education Sarah Wall, MD
B52	0.5% Tropicamide-Cyclopentolate versus 1% Cyclopentolate alternating with 1% Tropicamide for Refraction in Pediatric Patients with Dark Irides: A Clinical Trial Chavisa Bunyavee
B53	The Natural History of Astigmatism from Infancy through the First Decade of Life: A Large Cohort Study Daphna Mezad-Koursh
B54	Axial Length Progression and Refractive Change in Healthy Young Adults Michael Kinori
B55	Myopia Prevention Practices Among Ophthalmologists in Hong Kong: A Cross-Sectional Survey 2025 Charlene Cheuk Ling Yim
B56	Orthokeratology versus Defocus Incorporated Spectacle Lenses in Myopia Control among Children and Adolescents: A Systematic Review and Meta-Analysis Livia Prudente Barbieri

RETINA – RETINOBLASTOMA

B57	Visual and Refractive Outcomes of Full-Term Infants with Subfoveal Fluid on Handheld Swept Source Optical Coherence Tomography Claire Park
B58	Surgical Outcomes and Predictors of Post-operative Visual Acuity in Paediatric Traumatic Retinal Detachment Uday Pratap Singh Parmar
B59	Fundus Autofluorescence as an Alternative to Fluorescein Angiography for Laser Treatment Planning in Coats Disease Yashar Abibnia, MD
B60	MRI vs B-Scan Ultrasonography/Clinical Examination for Recurrence Detection in Retinoblastoma: Strengths, Limitations, and Complementary Roles Buse Guneri Beser, MD
B61	Preliminary Data from the Phase II Clinical Trial Evaluating the Use of Topotecan Chemoplaque for the Treatment of Retinoblastoma Lauren B. Yeager, MD

RETINOPATHY OF PREMATUREITY

B62	Trends in Retinopathy of Prematurity Treatment in the United States from 2014 to 2024 Nadine AlMuasher
B63	Evaluating the Impact of Sucrose and Pacifier Use on Infant Distress During ROP Screenings Tadiwa Chiduza
B64	Resident Survey Results from Initial Implementation of VR-ROP Simulator at Three Institutions Sanjana Murali, MD
B65	Utility of the Third Weight Gain Period: Real-World Application of the G-ROP Criteria Rebecca Tanenbaum, MD
B66	Predicting Development of Cortical/Cerebral Visual Impairment in Micro- and Nano-Premature Neonates with Treated Retinopathy of Prematurity Mark J. Phillips, MD
B67	Systemic Complications Associated with Retinopathy of Prematurity: Evidence from a Large United States Database Paul H. Phillips
B68	Clinical Characteristics and Outcomes of Late Retinal Detachments in Retinopathy of Prematurity Ayush Parikh, MD
B69	Incidence of Strabismus in Retinopathy of Prematurity Amr Almobayed
B70	Intravitreal Aflibercept as (Adjuvant) Treatment to Laser Photocoagulation in the Treatment of ROP: Favorable Results in a University Hospital Setting Elsbeth J. T. van Zeeburg, MD, PhD

- B71 Patterns of Regression and Reactivation after Intravitreal Anti-VEGF Injection for ROP
Samyuktha Guttha, MD

STRABISMUS

- B72 A Novel Virtual Reality–Based Method for the Assessment and Quantification of Diplopia
Ana Filipa Moleiro

- B73 Measuring Torsion: Mobile App vs Double Maddox Rod
Kimberly Merrill, CO

- B74 Binocular Disturbances Following Glaucoma Drainage Device Surgery
Abdelrahman Elhusseiny

- B75 New Hyper-realistic AI-Generated Images of Strabismus: Assessing Ophthalmologists' Ability to Distinguish Them from Real Patient Images
Merna M. Hossameldin, MD

- B76 Prescribed Part-Time Patching versus Prescribed Full-Time Alternate Patching Therapy for Children with Intermittent Exotropia
Stephen Christiansen, MD

- B77 Exodeviations Following Treatment for Cranial Nerve IV Palsy
Ryan Thompson, MD

- B78 Systemic and Metabolic Profile of Sagging Eye Syndrome: A Comparative Analysis
Federico Velez

- B79 Are Superior Oblique Muscle Hypoplasia and Excyclorotation of Rectus Muscles Independent Predictors of Severity of V-pattern Strabismus with Craniosynostosis?
Yoon-Hee Chang, MD, PhD

- B80 Three-Step Test Is Confounded in Bilateral Superior Oblique (SO) Atrophy Confirmed by MRI
Joseph L. Demer, MD, PhD

- B81 Strabismus Treatment Outcomes in Children with Neonatal Brain Injury
Yi Zhou, MD

STRABISMUS SURGERY

- B82 Reliability of a New Method for Extraocular Muscle Insertion Localization.
Alyne Gabrielly Borges Correa

- B83 Integrated Calculation for Partially Accommodative Convergence Excess Esotropia: A Review of 54 Cases
Neha Yadav, MBBS, MD Ophthalmology, FRCOphth

- B84 Recession-Resection Strategies in the Treatment of Adult-Onset Distance Esotropia
Corina Iragorri, MD

- 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
Lucas Foster, MD

- B86 Surgical Dosing of Plication for Treatment of Horizontal Strabismus
Julie Kim

- B87 Surgical Outcomes of Slanted Bilateral Lateral Rectus Recession in Children with Intermittent Exotropia with Convergence Insufficiency
Bo Young Chun

- B88 Surgical Outcome of the Modified Nishida's Muscle Transposition Procedure for Recurrent Sensory Exotropia
Junhong Li

- B89 Surgical Outcomes of Inferior Oblique Weakening Procedures on Horizontal Eye Alignment in Pediatric Patients
Saif Al Obaisi, SO

- B90 Nasal Transposition of the Vertical Rectus Muscles for Adduction Limitation
Monica Morales, MD

- B91 Efficacy of Rectus Muscle Equatorial Transposition Surgery in Paralytic Strabismus
Christina Douglas, MD

- B92 Adjusting for an Undercorrection with Semiadjustable Suture Strabismus Surgery: An Alternative Single Stage Approach
Klio Chatzistefanou

- B93 Surgery for Symptomatic Cyclodeviations after Macula-Off Retinal Detachment without Scleral Buckle

Avery E. Sears, MD, PhD

B94 Post-Operative Pain after Pediatric Strabismus Surgery

Sabrina Yu, MD

B95 Surgical Indications, Systemic Associations, and Reoperation Rates in Adult Strabismus

Nallely Morales-Mancillas, MD

B96 Laser-Induced Contraction of Extraocular Muscles: A Pilot Study in Non-Human Primates

John R. Mark, MD

VISION ASSESSMENT – VISION SCREENING

B97 Evaluation of a Glasses-Free Stereoacuity Test

Brooke Koritala, BS, BA

B98 Referral Criteria Adjustment: A Site-Wide Initiative to Decrease Referrals from Instrument-Based Pediatric Vision Screening

E. Eugenie Hartmann

B99 Post-Pandemic Changes in Demographics and Outcomes of Children at an Inner-City Vision Outreach Program: Give Kids Sight Day

Jack Williamson, MD

MEDICAL STUDENT POSTERS**AMBLYOPIA**

MS – B1 Asymmetric Deficits in ON and OFF Visual Pathways in a Preclinical Model of Deprivation Amblyopia

Morgan L. Bade, BA

MS – B2 Improving Early Diagnosis of Amblyopia through the Implementation of a Systematic Vision Screening Program in Pediatric Patients

Luis A. Perez Velasquez, BA

MS – B3 Geodemographic Analysis of Delayed Follow-Up Amblyopia Care

Anila Narayana, BA

MS – B4 Assessing New EHR Documentation Tools for Amblyopia Treatment

Maria Jessica Cruz

CATARACT

MS – B5 Capsular Outcomes using Precision Pulse Capsulotomy in Complex and Standard Pediatric Cataract Surgery

Andras Muranyi, BSc

MS – B6 Outcomes of Deferred Cataract Extraction in Pediatric Patients with Open Globe Injury and Anterior Capsule Rupture

Cameron Martin, BA

GENETICS

MS – B7 Access to Care for Ocular Genetic Diseases

Neil Dogra, BS

GLAUCOMA

MS – B8 Risk of Cataract, Lens Dislocation, Glaucoma, and Vitreous Hemorrhage After Pediatric Ocular Trauma

Rose Bishay

MS – B9 Comparative Risk of Uveitis with Prostaglandin Analogs Versus Other Agents in Childhood Glaucoma

Marina B. Z. Gad El Sayed, BS

NASOLACRIMAL DUCT OBSTRUCTION

MS – B10 Surgical Treatment Options for Nasolacrimal Duct Obstruction - A Comparison Study

Leo A. Romano, MS, BS

NEURO-OPHTHALMOLOGY

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

PRACTICE AND WORKFORCE MANAGEMENT

MS – B14	Temporal and Diagnostic Trends in Pediatric Ophthalmology Consultations at a Tertiary Care Children's Hospital Bradley Dorin, MS2
MS – B15	Identification of Pediatric Ophthalmologists on Publicly Available Sites Thomas Diehl
MS – B16	Impact of a Dedicated Mentorship Program on Interest in Pediatric Ophthalmology: The Pediatric Ophthalmology Mentorship (POM) Program Year 1 Experience John Morse, MPH
MS – B17	Financial Conflict of Interest Disclosures at the AAPOS 2024 Annual Conference Eric Zhu, BS

PUBLIC HEALTH

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

REFRACTIVE

MS – B24	Increased Vitreous Chamber Depth Associated with High Myopia in Children Brigid Devine, BA
----------	--

RETINA

MS – B25	3D Printed Eyeball Models Identify Significant Gaps with Red-Reflex Test Training of Medical Students Kyobin Hwang, BHSc
MS – B26	Assessing Foveal Maturity in Full-Term Newborns with Subretinal Fluid by Handheld Swept Source Optical Coherence Tomography Debbie Wang

MS – B27 Retinal Lattice, Holes and Tears in the Pediatric Population: Laser retinopexy vs. Observation
Pooja Patel, MS, MPH

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
Rachel A. Donaldson, BS

MS – B29 Validation of the “TWO-ROP” Algorithm in a Tertiary Care Center in Greece
Marfy Abousifein

MS – B30 Retinopathy of Prematurity Treatments and Long-Term Ocular Complications Across a Large United States National Database
Sarah Jong, BA

MS – B31 Refractive Error Changes following Interventions for Retinopathy of Prematurity: A Single Center Study
Dania Rahal

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, BA

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

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

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

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