

American Association for Pediatric Ophthalmology and Strabismus

50th Annual Meeting, March 5-9, 2025, Preliminary Program, Salt Lake City, UT

WEDNESDAY, MARCH 5, 2025

8:00 AM – 2:30 PM	Board of Directors Meeting
7:00 AM – 8:00 PM	Registration
8:00 AM – 4:00 PM	Socioeconomic Committee Annual Meeting Pre-Day Heather F. Modjesky, COE; Danielle M. Ledoux, MD; Hawke H. Yoon, MD
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
4:15 PM – 5:15 PM	OMIC Workshop Cybersecurity 2025--Practice Incidents, Policies and Necessities Robert S. Gold, MD; R. Michael Siatkowski, MD; James Christopher Wilkerson; Mark A. Wyckoff; Michael Pickett
6:15 PM – 7:00 PM	International Attendees Reception
7:00 PM – 9:00 PM	Opening Reception

THURSDAY, MARCH 6, 2025

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 Sean P. Donahue, MD, PhD
8:05 AM – 8:10 AM	AAPOS 50 th Anniversary Acknowledgement Sean P. Donahue, MD, PhD
8:10 AM – 8:20 AM	Advocacy Update Shelagh Foster, JD; Christopher C. Rorick, MPA, Polsinelli
8:20 AM – 8:25 AM	Introduction of Costenbader Lecture Elias I. Traboulsi, MD, MEd
8:25 AM – 8:50 AM	Costenbader Lecture Developing Treatments for Pediatric Genetic Blindness: From Bedside to Bench and Back Arlene V. Drack, MD
8:50 AM – 8:53 AM	Presentation Ceremony Sean P. Donahue, MD, PhD

STRABISMUS – DIVERSITY, EQUITY, INCLUSION

8:55 AM – 9:02 AM	Risk of Oculomotor and Trochlear Nerve Palsies Following COVID-19 Vaccination Paul H. Phillips, MD
9:02 AM – 9:09 AM	MRI During Head Tilt Reveals Abnormal Pulley Response in Masquerading Superior Oblique (SO) Palsy Joseph L. Demer, MD, PhD
9:09 AM – 9:13 AM	DISCUSSION OF PREVIOUS PAPER Burton J. Kushner, MD
9:13 AM – 9:20 AM	Radiographic versus Intraoperative Indicators of Extraocular Muscle Aberrancy in Craniosynostosis Yoon-Hee Chang, MD, PhD
9:20 AM – 9:27 AM	Correlation of Response Functional Connectivity Alterations to Binocular Vision Deficit Using Functional Magnetic Resonance Imaging in Children with Intermittent Exotropia Jingjing Jiang, MD
9:27 AM – 9:34 AM	Randomized Clinical Trial of Dichoptic 3D Movies versus Dichoptic 2D Movies for Treatment of Childhood Intermittent Exotropia Reed M. Jost, MS
9:34 AM – 9:41 AM	Progress Toward Gender Equity in Female Leadership and Representation in Academic Pediatric Ophthalmology Since 2000 Brenton T. Bicknell, BS

9:41 AM – 9:48 AM	Minority Representation at the 2024 AAPOS Annual Meeting Program Ta Chen Peter Chang, MD
9:48 AM – 10:00 AM	PANEL DISCUSSION
10:00 AM – 11:00 AM	Interactive Poster Session – Author Presentation and Q/A 1st Set of Posters (A1-A117) – 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 Pamela E. Williams, MD; K. David Epley, MD; Leemor B. Rotberg, MD
11:35 AM – 11:40 AM	Introduction of the Helveston Lecture Pamela E. Williams, MD
11:40 AM – 12:00 PM	Helveston Founders Series Lecture On the Origin of Strabismus Steven M. Archer, MD
12:00 PM – 12:03 PM	Presentation Ceremony David A. Plager, MD

CATARACT – RETINA – RETINOPATHY OF PREMATURITY

12:05 PM – 12:12 PM	A Sustained Release Intracanalicular Dexamethasone Insert for the Treatment of Ocular Inflammation after Pediatric Intraocular Surgery Across All Age Groups Nallely R. Morales-Mancillas, MD
12:12 PM – 12:19 PM	Results of the First Patient-Customized Intravitreally-Administered Antisense Oligonucleotide (ASO) for a Patient with Retinal Dystrophy Caused by an Intronic Pseudogene Emily A. McCourt, MD
12:19 PM – 12:26 PM	Intravitreal Enzyme Replacement Therapy to Prevent Retinal Disease Progression in Children with Neuronal Ceroid Lipofuscinosis Type 2: Interim 3-Year Safety and Efficacy Outcomes David L. Rogers, MD
12:26 PM – 12:32 PM	DISCUSSION OF TWO PREVIOUS PAPERS Arlene V. Drack, MD
12:32 PM – 12:39 PM	Evaluating the Utility of the Initial Exams in Retinopathy of Prematurity Francisco Altamirano, MD
12:39 PM – 12:43 PM	DISCUSSION OF PREVIOUS PAPER S. Grace Prakalapakorn, MD, MPH
12:43 PM – 12:50 PM	Long Term Retinal Outcomes in Spontaneously Regressed Stage 3 Retinopathy of Prematurity Amy Kloosterboer, MD
12:50 PM – 1:10 PM	PANEL DISCUSSION
1:20 PM – 2:00 PM	AAPOS Business Meeting
2:15 PM – 3:15 PM	Practice Management Workshop Advocacy for Access to Care: A Combined Workshop of the AAPOS Socioeconomic and Advocacy Committees Hawke H. Yoon, MD; Danielle M. Ledoux, MD; Gonzalo Vike Vicente, MD; Michael A. Puente, MD; Michelle M. Falcone, MD; Christopher C. Rorick, MPA
3:30 PM – 5:00 PM	The ABCs in Peds Coding (Coding Fundamentals) Heather F. Modjesky, COE; Heather H. Dunn, COA, OCS, OCSR; Danielle M. Ledoux, MD
4:30 PM – 6:30 PM	Helveston Founders Series Exhibitor Reception
6:30 PM – 8:30 PM	Poster Viewing (1 st Set) (Authors not present) CME eligible

FRIDAY, MARCH 7, 2025

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	<p>Celebrating 50 Years of Pediatric Ophthalmology: What the Giants Taught Us Sean P. Donahue, MD, PhD; John D. Baker, MD; Martin E. Lederman, MD; Edward R. O'Malley, MD; Stephen P. Kraft, MD, FRCSC; Burton J. Kushner, MD; Edward G. Buckley, MD; M. Edward Wilson, MD; Sherwin J. Isenberg, MD; Federico G. Velez, MD; David L. Guyton, MD; Susan H. Day, MD; William V. Good, MD; Mohamad S. Jaafar, MD; Eileen E. Birch, PhD; Stacy L. Pineles, MD; Marilyn B. Mets, MD; Malcolm R. Ing, MD</p> <hr/> <p>Imaging Ninja: Applying Multimodal Imaging & Electrophysiology to Diagnostic Challenges in Pediatric Ophthalmology Virginia M. Miraldi Utz, MD; Karthikeyan Arcot Sadagopan, DNB; FRCS; Arif O. Khan, MD; Emily A. McCourt, MD; Alina V. Dumitrescu, MD; Matthew C. Weed, MD; Jennifer L. Rossen, MD; Giulia Steuernagel Del Valle, MD</p> <hr/> <p>Persistent Avascular Retina: To Laser or Not to Laser? A Case-Based Workshop for Long-Term Management Sarah H. Rodriguez, MD, MPH; Alejandra G. de Alba Campomanes, MD, MPH; Kamiar Mireskandari, MBChB, FRCSEd, FRCOphth, PhD; Benjamin K. Young, MD, MS; C. Armitage Harper, III, MD; Kathryn M. Haider, MD; Michael P. Blair, MD; Amit R. Bhatt, MD</p> <hr/> <p>Acute Management of Pediatric Eye Trauma: An Interactive Workshop to Prepare for Call Ankoor S. Shah, MD, PhD; Eric D. Gaier, MD, PhD; Courtney L. Kraus, MD; Marguerite C. Weinert, MD; J. Reeves Ellis Samaha, MD, MPH; Jenny C. Dohlman, MD</p>
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WORKSHOPS – SESSION B

8:30 AM – 9:45 AM	<p>Debates in Pediatric Oculoplastics Smith Ann M. Chisholm, MD; Alexandra T. Elliott, MD; Jenny C. Dohlman, MD; Liane Dallalzadeh, MD</p> <hr/> <p>It's Complicated: The Challenge of Managing Pediatric Uveitis Kara C. LaMattina, MD; Stefanie L. Davidson, MD; Bharti R. Nihalani-Gangwani, MD; Laura C. Huang, MD; Wendy W. Huang, MD; Mona M. Riskalla, MD, MS; Virginia M. Miraldi Utz, MD; Nasrin N. Tehrani, MBBCh, MSc, FRCS ED(Ophth), FRCSC</p> <hr/> <p>Strengthening Pediatric Ophthalmology in Low-Income Countries: What Can You Do to Help? Scott R. Lambert, MD; Sherwin J. Isenberg, MD; Rebecca Lusobya, MD; Melanie Daulton, MD; M. Edward Wilson, MD; Sarah H. Rodriguez, MD, MPH; Erick D. Bothun, MD; Arthur Brant, MD</p> <hr/> <p>AOC Workshop: Acquired Esotropia: Converging Causes and Diverging Treatments Sarah Whitecross, CO, OC(C); Douglas R. Fredrick, MD; Rachael A. Jenkins, CO; Salvatore Bellante, CO; Gena Heidary, MD, PhD; Nancy M. Benegas, MD; Elexandria Dietz-McChane</p>
9:45 AM – 10:30 AM	<p>Refreshment Break and Exhibit Viewing</p>

WORKSHOPS – SESSION C

10:30 AM – 11:45 AM	<p>Pediatric Ophthalmology in 2025- Recruitment, Salary, New Directions Yasmin S. Bradfield, MD; Charline S. Boente, MD; Eric A. Packwood, MD; Stacey J. Kruger, MD; Jane C. Edmond, MD; Jennifer A. Galvin, MD; Susan M. Culican, MD, PhD</p> <hr/> <p>Hot Topics in Pediatric Neuro-Ophthalmology Melinda Y. Chang, MD; Lauren C. Ditta, MD; Mays A. El-Dairi, MD; Ryan A. Gise, MD; Julius Oatts, MD; Jason H. Peragallo, MD</p> <hr/> <p>Updates on the Ophthalmic Management of Patients with Craniosynostosis Maanasa Indaram, MD; Linda R. Dagi, MD; Ken K. Nischal, MD, FRCOphth; Jenny C. Dohlman, MD</p>
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Difficult Conversations: Delivering Bad News
**Phoebe D. Lenhart, MD; Shira L. Robbins, MD; Gregg T. Lueder, MD;
Gena Heidary, MD, PhD; Alex V. Levin, MD, MHSc, FRCSC;
Deborah K. VanderVeen, MD**

11:30 AM – 12:00 PM Poster Removal (1st Set)
12:00 PM – 1:00 PM Corporate Sponsored Symposium (No CME)

WORKSHOPS – SESSION D

1:15 PM – 2:30 PM Controversies and Solutions in Vision Screening
**Amy K. Hutchinson, MD; Robert W. Arnold, MD; John H. Lillvis, MD, PhD;
Jill C. Rotruck, MD; Shaival S. Shah, MD; Megan E. Collins, MD, MPH;
Mae Millicent W. Peterseim, MD; Maria P. Patterson, MD**

Empowering Physicians: Revolutionizing Pediatric Ophthalmology and Strabismus with AI
**Shira L. Robbins, MD; David B. Granet, MD, MHCM; Jimmy S. Chen, MD;
Isaiah N. Granet**

What's New and Important in Pediatric Ophthalmology and Strabismus for 2025
**Casey G. Smith, MD; Mariam S. Ahmad, MD; Breanna M. Tracey, MD;
Carolina Adams, MD; Smith Ann M. Chisholm, MD; Alina V. Dumitrescu, MD;
Leah G. Reznick, MD; Ilana B. Friedman, MD; Griffin J. Jardine, MD**

YO Need to Know
**Sasha Strul, MD; Abdelrahman M. Elhousseiny, MD; Alexander Kwok, MD, MPH;
Carleigh N. Bruce, MD; Jaime E. Brown, MD; Meghal Gagrani, MD;
Aidan Dmitriev, MD; Heather A. Stiff, MD; Madeline Arzbecker, MD;
Lauren Mehner, MD, MPH; Andrew R. Lee, MD; Sravanthi Vegunta, MD;
Adam B. Jacobson, MD; Jaqueline Stoutin, MD; Michael A. Puente, MD;
Oluwatoyosi T. Arogbokun, MD; Madison Perchik, MD**

WORKSHOPS – SESSION E

2:45 PM – 4:00 PM Behind the Scenes: How to Get Started in a Research Career as a Pediatric Ophthalmologist
**Janet L. Alexander, MD; Bo Wang, MD, PhD; Mary C. Whitman, MD, PhD;
Isdin Oke, MD; Stacy L. Pineles, MD**

AAP SOOP Workshop: Pediatric Ophthalmology Global Health: Pitfalls and Pearls; What I Wish I Knew Before I Started My First Global Health Program
Douglas R. Fredrick, MD; Donny W. Suh, MD; Robert O. Hoffman, MD

Mistakes I Have Seen (and Made) in Childhood Glaucoma
**Matthew L. Haynie, MD; Brenda L. Bohnsack, MD, PhD; Allen D. Beck, MD;
Ta Chen Peter Chang, MD; Sharon F. Freedman, MD; Michelle S. Go, MD;
Alex V. Levin, MD, MHSc, FRCSC**

IPOSC Workshop: Surprises in Pediatric Ophthalmology & Strabismus; Cases with a Twist
**Tamara Wagnanski-Jaffe, MD; Jonathan M. Holmes, MD; Faruk H. Öрге, MD;
Seyhan B. Özkan, MD; Eedy Mezer, MD; Jan-Tjeerd de Faber, MD;
Giovanni B. Marcon, MD**

3:45 PM – 4:15 PM Poster Set Up (2nd Set)
4:15 PM – 5:00 PM President's Symposium
Dream, Believe, Achieve
Shannon Bahrke Happe, 2-time Olympic Medalist Skier

5:00 PM – 5:15 PM Meet & Greet with Shannon Bahrke
5:15 PM – 6:00 PM President's Symposium Workshop
Gold Medal Balance: Winning in Work and in Life
Shannon Bahrke Happe, 2-time Olympic Medalist Skier

6:00 PM – 8:00 PM Poster Viewing (2nd Set) (Authors not present) CME eligible
6:00 PM – 7:00 PM Young Ophthalmologists, Senior Ophthalmologists and New Member Reception
7:30 PM – 8:30 PM POM Reception (invitation only)

SATURDAY, MARCH 8, 2025

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	Introduction of Gunter K. von Noorden Young Investigator Award Paper Eric D. Gaier, MD, PhD
8:01 AM – 8:09 AM	Gunter K. von Noorden Young Investigator Award Paper Refractive Surgery for Children with Autism Spectrum Disorder and Corresponding Changes in Social Responsiveness Margaret M. Reynolds, MD
8:09 AM – 8:10 AM	Presentation Ceremony Mohamad S. Jaafar, MD

LOW VISION – AMBLYOPIA – STRABISMUS – STABISMUS SURGERY

8:10 AM – 8:17 AM	Reliability and Validity of the CVI Range-CR for Functional Vision Assessment Melinda Y. Chang, MD
8:17 AM – 8:24 AM	Initial Outcomes in Older Children on Dual-Mechanism Binocular Treatment for Amblyopia: PUPIL Registry Results Naomie Warner, DO, MHA
8:24 AM – 8:31 AM	Eye-Tracking-Based Dichoptic Amblyopia Home Treatment is Superior to Standard Occlusion When Adherence is High: A Multicenter Randomized Clinical Trial (RCT) Tamara Wygnanski-Jaffe, MD
8:31 AM – 8:35 AM	DISCUSSION OF PREVIOUS PAPER David K. Wallace, MD, MPH
8:35 AM – 8:42 AM	Excimer Laser Keratectomy for Accommodative Esotropia in Spectacle-Aversive Children Nicholas J. Faron, DO
8:42 AM – 8:46 AM	DISCUSSION OF PREVIOUS PAPER Kamiar Mireskandari, MBChB, FRCSEd, FRCOphth, PhD
8:46 AM – 8:53 AM	Single-Side Stimulation of Lateral Rectus for Treating Congenital Nystagmus Lejin Wang
8:53 AM – 9:00 AM	Risk of Strabismus and Need for Surgery in Childhood Glaucoma Patients Kaersti L. Rickels, BA
9:00 AM – 9:07 AM	Strabismus Surgery Outcomes Prediction Using Machine Learning and Multiple Preoperative Variables Michal Blau Most, MD
9:07 AM – 9:14 AM	Strabismus and Strabismus Surgery Reoperation Rates at 1, 3, and 5 Years Michael X. Repka, MD, MBA
9:14 AM – 9:21 AM	Major Complications Following Strabismus Surgery: Nine-year data from the IRIS Registry R. Michael Siatkowski, MD
9:21 AM – 9:28 AM	Nationwide Analysis of Price Variation for Strabismus Surgery across Payer Class and Provider Characteristics Rohith Erukulla, BA
9:28 AM – 9:35 AM	Lateral Rectus Superior Plication Using Non-Absorbable Sutures for Adult Onset Esotropia Yair Morad, MD
9:35 AM – 9:42 AM	Surgical Approach for Consecutive Exotropia in Children Katie Y. Choi
9:42 AM – 9:49 AM	Strabismus Surgery in Thyroid Eye Disease with and without Teprotumumab Treatment: A Single-Center Analysis Stephanie M. Tillit, MD
9:49 AM – 10:05 AM	PANEL DISCUSSION
10:05 AM – 11:05 AM	Interactive Poster Session – Author Presentation and Q/A 2nd Set of Posters (B1-B116) – Authors Present – CME eligible (Odd Numbered Posters 10:05 – 10:40; Even Numbered Posters 10:30 – 11:05)

REFRACTIVE ERROR – RETINOBLASTOMA – OPTIC NERVE – NEURO-OPHTHALMOLOGY

11:10 AM – 11:17 AM	Predicting Myopia in Children through the Application of Machine Learning on Routine Pediatric Eye Examinations Only Yonina D. Ron
11:17 AM – 11:21 AM	DISCUSSION OF PREVIOUS PAPER Michael X. Repka, MD, MBA

11:21 AM – 11:28 AM	Does Prior Progression Predict Future Change in Myopia? Jonathan M. Holmes, MD
11:28 AM – 11:35 AM	Comparison of Multiple-Segment Spectacle Lenses and Low-Concentration Atropine Eyedrops in Myopia Progression Rosane C. Ferreira, MD
11:35 AM – 11:42 AM	Efficacy of Pharmacological vs Optical Intervention in Preventing Myopia Progression among School-Aged Indian Children: A Parallel-Group Randomized Clinical Trial Vinay Gupta, MS
11:42 AM – 11:49 AM	Tapering versus Non-Tapering of Atropine 0.01% Eye Drops During Wash-Out Phase: A Randomized Clinical Trial Rohit Saxena, MD, PhD
11:49 AM – 11:56 AM	Fundus Findings on Dilated Fundus Examination Compared to Ultra-widefield Imaging in the Pediatric Population William Raynor, BS
11:56 AM – 12:03 PM	Evaluating the Role of Virtual Reality Visual Fields (VRF) in the Diagnosis and Management of Pediatric Neuro-Ophthalmic Conditions Zara Saleem
12:03 PM – 12:10 PM	Longitudinal Monitoring of Pediatric Anterior Pathway Compression Diseases on Virtual Reality Visual Field Testing Trisha Sofia Emborgo, DO
12:10 PM – 12:17 PM	Prevalence of MRI Findings Believed to be Associated with Papilledema in Children Maia B. Sevin
12:17 PM – 12:24 PM	Liquid Gold: A Clinically Validated Molecular Test for Retinoblastoma Using an Aqueous Humor Liquid Biopsy Jesse L. Berry, MD
12:24 PM – 12:28 PM	DISCUSSION OF PREVIOUS PAPER Aparna Ramasubramanian, MD
12:28 PM – 12:35 PM	Baseline Clinical Characteristics of Newly Diagnosed Optic Pathway Gliomas Associated with NF1: Results from the International Multicenter NF1-OPG Natural History Study Robert A. Avery, DO, MSCE
12:35 PM – 12:42 PM	Optic Nerve Gliomas as Predictors of Brain and Adrenal Tumors in Children with Neurofibromatosis Type 1: Real World Data Qais A. Dihan, BS
12:42 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	Residency Factors Associated with Pediatric Ophthalmology Fellowship Pursuit Anika Kumar, BA
2:20 PM – 2:23 PM	Regional Variations in Faculty Composition, Fellowship Availability, and Institutional Characteristics in U.S. Pediatric Ophthalmology Programs Haley Chishom, BS
2:23 PM – 2:26 PM	Evaluation of Research Productivity among Pediatric Ophthalmologists Ramsey Ghaleb, BA
2:26 PM – 2:29 PM	A Pilot Study: Two-Tier Approach to Optimizing Photoscreener Use in School Vision Screenings Emily Wang
2:29 PM – 2:32 PM	Cost Effectiveness Analysis of Digital Therapeutics for Amblyopia Irene Koc, BS
2:32 PM – 2:35 PM	External Validation of Machine Learning Models to Predict Cycloplegic Refractive Error and Myopia Status Using Non-Cycloplegic Data Rajat S. Chandra, BS
2:35 PM – 2:38 PM	Cost Effectiveness of Refractive Surgery for Myopia in Special Needs Children Asha Parvathaneni, BA
2:38 PM – 2:41 PM	Assessing Visual Saliency in Children with Cerebral/Cortical Visual Impairment (CVI) using Generative AI and Eye Tracking Kate Matsunga, BA

2:41 PM – 2:44 PM	Association of Social Determinants of Health on Visual Outcomes in Pediatric Blepharokeratoconjunctivitis Marissa Stinnett, BA
2:44 PM – 2:47 PM	Ophthalmic Manifestations of Pediatric Systemic Lupus Erythematosus at a Quaternary Children's Hospital Rhea W. Teng, BS
2:47 PM – 2:50 PM	Prevalence of Retinal Disease in People with Down Syndrome in the IRIS Registry Eddie G. Cervantez, MS
2:50 PM – 2:53 PM	Lack of Clinically Significant Ocular Toxicity in Children Treated with Mitogen-Activated Protein Kinase Kinase Inhibitors Taylor McManus, BS
2:53 PM – 2:56 PM	Pediatric Peripheral Retina Leila Mabudian, BS
2:56 PM – 2:59 PM	Optic Nerve Parameters and Visual Outcomes in Premature Infants: A Five-Year Follow-Up Study Rodrigo Guillen, BS
2:59 PM – 3:02 PM	Pre-Ordered Dilation Drops for Retinopathy of Prematurity Screenings: A Quality Improvement Initiative to Reduce Time Spent in The Pediatric Ophthalmology Clinic Madeline C. Rocks, BA
3:02 PM – 3:05 PM	Retinopathy of Prematurity in Infants Born at 22 and 23 Weeks of Gestational Age Jennifer M. Lai, BS
3:05 PM – 3:08 PM	Validation of the Postnatal Growth and Retinopathy of Prematurity (GROP) Screening Criteria in a Midsized Midwestern Children's Hospital Omi Pang, BA
3:08 PM – 3:11 PM	Cost-Effectiveness of Oxygen Blender Therapy for Prevention of Retinopathy of Prematurity in Uganda Sean R. Smith, BS
3:11 PM – 3:14 PM	Long-Term Retinal Outcomes and Characteristics of Patients with Untreated and Treated Retinopathy of Prematurity Ally J. Sun, BS
3:14 PM – 3:17 PM	Uncovering Draping Waste: Textiles Use in Pediatric Ophthalmic Surgery Jessica Henry, BS
3:17 PM – 3:20 PM	Accuracy of GPT-4o in Strabismus Diagnosis using Mobile Photos Edward P. Esposito, III, BS
3:20 PM – 3:23 PM	Pilot Study Using a Virtual Reality Simulated Sensorimotor Examination to Evaluate Adult Strabismus Yeabsira Mesfin, BS
3:23 PM – 3:26 PM	Diplopia and Strabismus after Plaque Brachytherapy in Uveal Melanoma Patients Sara Munkwitz, BS
3:26 PM – 3:29 PM	The Impact of Strabismus and Strabismus Surgery on Quality of Life of Adult Patients Kristin Davis, BS
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 9, 2025

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 Jason H. Peragallo, MD; Brenda L. Bohnsack, MD, PhD; Alina V. Dumitrescu, MD; Ryan A. Gise, MD; Larissa Gouvea, MD; Alex Levin, MD, MHSc, FRCSC; Angela Y. Zhu, MD
9:10 AM – 10:40 AM	Difficult Problems Strabismus Workshop Stacy L. Pineles, MD; Federico G. Velez, MD; Ramesh Kekunnaya, MD, FRCS; Alejandra G. de Alba Campomanes, MD, MPH; Hilda Capo, MD; Mary C. Whitman, MD, PhD; Matthew S. Pihlblad, MD

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 5 – 11:30 AM Friday, March 7

Author Attended Formal Poster Session: Thursday, March 6, 10:00 AM – 11:00 AM

AMBLYOPIA

A1	Incidence and Clinical Features of Amblyopia in a Population-Based Cohort Alex Hattenhauer, BS
A2	Prospective Study of Amblyopia in Children Moustafa S. Abdelhafez, MD, FRCS
A3	Clinical Characteristics and Outcomes of Amblyopia in Delayed Compared to Normally-Developed Children Brian G. Mohney, MD
A4	Clinical Characteristics and Outcomes of Amblyopic Children Who Were Lost to Follow-Up P. Connor Lentz, BS
A5	Early Patching Behaviors that Improve the Chances of Good Visual Acuity in Children Treated for Unilateral Congenital Cataract Carolyn D. Drews-Botsch, PhD, MPH

ANTERIOR SEGMENT

A6	Cost of Pediatric Blepharoconjunctivitis Seen in California Emergency Rooms Over a 10-Year Period John Morse, MPH
A7	Associations between Pediatric Chronic Stevens-Johnson Syndrome and the Visual Functioning Questionnaire Royce Park, MD
A8	A Comparative Study of Acute and Chronic Disease in Stevens Johnson Syndrome/Toxic Epidermal Necrolysis between Children and Adults Hannah Al-Khudari
A9	Factors Predicting Worse Outcomes in Children with Herpes Simplex Keratitis Abdelrahman M. Anter, MD
A10	Analysis of Pediatric Uveitis at a Tertiary Care Center Joshua Shin, MD
A11	Association between Social Vulnerability Index and Visual Outcomes in Pediatric Uveitis Bharti R. Nihalani Gangwani, MD
A12	Primary Intrascleral Cyst Management in Children Eric J. Kim, MD
A13	Evaluation of Trabecular Meshwork and Schlemm Canal with Anterior Segment OCT in Children with Congenital Cataract and Healthy Eyes Hannah Hashimi, MD

CATARACT

A14	Is There a Relationship Between Partial or Focal Lens Opacities and Accommodative Insufficiency: An Observational Pediatric Study Amgad Eldib, MD
A15	Quality of Life of Children with Pediatric Cataracts Using PedEyeQ Brooke A. Koritala
A16	Primary Suspect Drugs of Pediatric Cataracts: An FDA Adverse Events Reporting Database Analysis Salah E. Abdalnaem, BS
A17	Curation of Candidate Genes for Pediatric Cataracts Allison Goetsch Weisman, MS, CGC
A18	Creation of Multiple Models of Infant Immersion Ultrasonography A-scan Shells Using Additive Manufacturing

Elizabeth A. Mellencamp, MD

A19 Comparison between Methods for Estimating the Axial Length Growth of Children with Bilateral Cataract and Primary Intraocular Lens Implantation

Larissa Gouvea, MD

A20 Use of Extended Depth of Focus Intraocular Lens Implants in Select Pediatric Cataract Patients: A Case Series

Olivia Uddin, MD, PhD

GENETICS

A21 Nationwide Genetic Analysis of More than 600 Families with Inherited Eye Diseases in Argentina

Maria B. Yadarola, MD

A22 Correlation of the University of California Irvine Corneal Cystine Crystal Score (UCI CCCS) with Ocular Symptoms and Corneal Densitometry Scores in Cystinosis Patients

Kimia Rezaei, BS

A23 Detection of Bilateral Cataracts in Male Fetuses at Routine 20 Week Ultrasound: Always Examine the Mothers!

Jordan Lehman, MPH

A24 Etiology and Genetic Profile of Children with Nystagmus Presenting to a Tertiary Care Centre

Gunjan Chadha, MD

A25 Clinical Characteristics and Genetic Phenotype of Early-Onset High Myopia

Ping Wang, MD

A26 CLDN19-Related Maculopathy Can Be Mistaken as Prior Ocular Toxoplasmosis Infection

Arif O. Khan, MD

A27 Horizontal Gaze Palsy and Progressive Scoliosis – Clinical Profile, Phenotype-Genotype Co-Relations and Outcomes

Manju Bhate, MD

GLAUCOMA

A28 Demographic Disparities in the Rates of Ocular Hypertension in Children at a Tertiary Center

Veronica C. Miles, BS

A29 Spanish Education Materials in Childhood Glaucoma: Using AI to Improve Readability

Mallika Tyagi, BA

A30 Clinical Characteristics and Quality of Life Measures in Children with Glaucoma Suspect or Glaucoma Diagnoses in Chronic, Non-infectious Uveitis

Virginia M. Miraldi Utz, MD

A31 Glaucoma Management in Sturge Weber Syndrome Using the Delphi Process

Kinza Abbas, BA

A32 Glaucoma Following Cataract Surgery in Patients with Syndromic Cataracts

Anushree Aneja, BA

A33 Prevalence of Dry Eye Disease in Pediatric Patients Using Intraocular Pressure Lowering Medications

Alexander Kwok, MD, MPH

A34 Angle-Angle Diameter Relationship with Axial Length and Intraocular Pressure in Pediatric Glaucoma

Taylor Kolosky, BS

A35 Gonioscopy in Children: In Search of an International Consensus

Bo Wang, MD, PhD

A36 The Use of Selective Laser Trabeculoplasty in Children

Javeneh Abbasian, MD

A37 Frequency of Strabismus after Tube Shunt Surgery in the Adult versus Pediatric Populations

Teresa C. Chen, MD

NASOLACRIMAL DUCT DISORDERS

A38 Age and Racial Distribution of Pediatric Acute Dacryocystitis in a United States Multicenter Study

Marina Shenouda, BS

A39 Inferior Turbinate Infracture in Children with Congenital Nasolacrimal Duct Obstruction

Grayson B. Ashby, MD

NEURO-OPHTHALMOLOGY

A40	Papilledema Screening in Craniosynostosis Kari Fossum, MD
A41	Headache Referrals in Pediatric Population: Clinical Utility or Clinical Futility Laura Perilloux, MD
A42	Pediatric Fulminant Idiopathic Intracranial Hypertension Characteristics and Management Andrew Fischer, MD
A43	Idiopathic Intracranial Hypertension and Attention-Deficit/Hyperactivity Disorder in the Pediatric Population: A Case-Control Study Owen Harris, BS
A44	Lumbar Drain Placement in the Management of Secondary Intracranial Hypertension from Venous Sinus Thrombosis Raghav Vadhul, MD

PRACTICE AND WORKFORCE MANAGEMENT

A45	Enhancing Patient and Parent Education in Pediatric Ophthalmology Using Artificial Intelligence: A report by the AAPOS Public Information Committee Janine E. Collinge, MD
A46	Quality and Readability of ChatGPT-4o Generated Patient Educational Materials for Pediatric Ophthalmologic Surgeries Albert Yang, BS
A47	Assessing Supply and Demand of Pediatric Ophthalmologists across the United States: A Google Trends Analysis Yejin Heo
A48	Medical Student Interest in a Pediatric Ophthalmology and Strabismus Residency Samantha D. Butterfield, MD
A49	Providing Early Exposure to Pediatric Ophthalmology through the Resident Research Showcase: Motivations, Perceptions, and Impact Edward S. Lu, MD

PUBLIC HEALTH

A50	The Effect of Social Determinants of Health on Initial Visual Acuity for Pediatric Amblyopia Patients Caleb G. Reznick, BA
A51	Influences of Social Determinants of Health on JIA Outcomes Elizabeth M. Bolton, MD
A52	Demographics of Participants Enrolled into Pediatric Eye Disease Investigator Group (PEDIG) Studies of Intermittent Exotropia or Amblyopia Allison I. Summers, OD
A53	The Intricate Associations of Ocular Disorders with ADHD/ADD Eedy Mezer, MD
A54	Adaptive, Social, and Repetitive Behaviors in Children with Autism Spectrum Disorder and Comorbid Amblyopia and Strabismus Katherine Tavasoli, BS
A55	Pediatric COVID-19 Vaccine Adverse Events: A VAERS Database Analysis Waleed Kojan, BS
A56	Prevalence of Ocular Involvement in Newly Diagnosed Pediatric Leukemia: A Systematic Review and Meta-Analysis Kristina Nazzicone, MSc
A57	A Retrospective Study of Ocular Trauma in Pediatric Population Srimathy Jain, MD

REFRACTIVE

A58	Need for Eyeglasses and Prescription Update in Students Receiving a School-Based Eye Exam Megan E. Collins, MD, MPH
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- A59 The Natural Course of Isolated Infantile Onset High Myopia
Amir Sternfeld, MD
-
- A60 Unusual Refractive Outcomes Confound the PEDIG Trial of Atropine 0.01% vs Placebo for Myopia Control
Robert A. Clark, MD
-
- A61 Relationship between Changes in Axial Length and Spherical Equivalent Refractive Error over 30 Months in a Randomized Clinical Trial of Atropine 0.01% versus Placebo Eye Drops
Aparna Raghuram, OD, PhD

RETINA – RETINOBLASTOMA – ONCOLOGY

- A62 Innovative Non-Surgical Treatment for Central-Peripheral-Rivalry-Type Diplopia
Lindsay D. Klaehn, CO, COMT
-
- A63 A Consecutive Case Series of Paediatric Cytomegalovirus Retinitis in a Single-Centre Quaternary Paediatric Hospital
Victoria Barnett, BM, BS, BmedSci
-
- A64 Assessing HbA1c Trajectories and the Prevalence of Diabetic Retinopathy in Pediatric Patients
Annie Feng, BS
-
- A65 Clinical and Pathological Predictors of Visual Outcomes in Retinoblastoma: A Comprehensive Analysis of Individual Eyes and Patient Cohorts
Emma R. Shelby, BA
-
- A66 Retrospective Consecutive Case Series of Retinoblastoma Cases in Sierra Leone from 2017 to 2023
Shiama I. Balendra, MD
-
- A67 EURBG (European Retinoblastoma Group) Survey on Mortality at Retinoblastoma Centres in Europe 2012-2022
M. Ashwin Reddy, MD, FRCOphth
-
- A68 Isolated Intraocular Leukemia as the Only Site of Leukemia Relapse in Pediatric Population.
Shraddha H. Seth, MD
-
- A69 Vincristine-Associated Ptosis and Extraocular Motility Deficits
Jacob S. Martin, MD

RETINOPATHY OF PREMATURITY

- A70 Classification and Regression Tree Analysis Predicts ROP Severity
Natalie Gildea
-
- A71 Evaluating Predictive Factors and Timing of Detection of Ocular Pathology in Premature Infants at Risk of Retinopathy of Prematurity.
Kriti Joshi Ojha, MD
-
- A72 Insights into Inequity: Exploring the Impact of Demographic and Socioeconomic Factors on Timely Outpatient Follow-Up for Infants Screened for Retinopathy of Prematurity
Emily Liu, BS
-
- A73 Biomarkers in Retinopathy of Prematurity: A Meta-Analysis
Yen T. Le, MD
-
- A74 Differences in Rates of Retinopathy of Prematurity (ROP), Respiratory Support, and Other Select ROP Risk Factors in 2017 and 2022 in a Colorado Cohort
Emily A. Auer, MPH
-
- A75 Exploring Black Race as a Protective Factor in Retinopathy of Prematurity
Rebecca E. Tanenbaum, MD
-
- A76 An Updated Analysis of Trends in Retinopathy of Prematurity over 17 Years in a Cohort
Lauren Mehner, MD, MPH
-
- A77 Early Antibiotic Use and Retinopathy of Prematurity: A Single-Center Retrospective Study
Sarah H. Rodriguez, MD, MPH
-
- A78 The Effect of Prenatal Cannabis Exposure on the Development of Retinopathy of Prematurity
Melanie D. Tran, MD
-
- A79 Effect of Antenatal and Postnatal Steroids in the Development of Retinopathy of Prematurity
Farnaz Javadian, MD
-
- A80 Implementing Generative AI to Enhance Patient Education on Retinopathy of Prematurity
Seif Abdelnaem
-
- A81 Analysis of Regional Coverage for Retinopathy of Prematurity in the United States

Muhammad A. Chauhan, MD, MS

A82 Telemedicine ROP Care: The Ophthalmologist's Experience

Rebecca S. Braverman, MD

A83 Analysis of ROP Cases Potentially Missed if Current Birth Weight and Gestational Age Screening Criteria Were Switched from "EITHER/OR" to "AND"

Dolly Ann Padovani-Claudio, MD, PhD

A84 Factors Affecting Compliance for Outpatient Follow Up in Premature Babies Screened for ROP in a Neonatal Intensive Care Unit (NICU) at a Tertiary Hospital

Kristie M. Labib, BS

STRABISMUS

A85 Global PROBE (Project for Revealing Online Bias and Exploration) in Pediatric Ophthalmology

Sanya Ailani, BS

A86 Clinical Findings and Prevalence of Horizontal Strabismus: A Decade Analysis

Bernardo Przysiezny, MD

A87 Longitudinal Eye Growth in Children with Accommodative Esotropia with and without Amblyopia

Jingyun Wang, PhD

A88 Longitudinal Changes in Strabismus and Heterophoria in a 5 Year Follow Up of Australian School Children

Felicia Adinanto, PhD

A89 Strabismus without Amblyopia in Children: Does It Affect Binocular Reading Speed?

Guy Barnett-Itzhaki, CO

A90 Who Does Best with Home-Based Therapy for Convergence Insufficiency?

Atul Kakkar, MD

A91 Increased Vertical Fusional Amplitudes in Patients with Myasthenia Gravis

Tia B. Bodi, CO, COMT

A92 Novel Histopathology Findings in Congenital Brown Syndrome

Federico G. Velez, MD

A93 Nanostructured Hydrogels as Synthetic Muscles for the Treatment of Strabismus

Stacy L. Pineles, MD

STRABISMUS SURGERY

A94 Impact of Strabismus Surgery on Eye Related Quality of Life in Patients with Strabismus

Nymisha Kakulla, MD

A95 Validation of a Novel, 3D-Printed, Silicone Strabismus Surgical Model

Grace Baldwin, MD

A96 A Novel Low-Cost Simulation Model for Strabismus Surgery: Description of the Technique and Validation of Utility

Omar Solyman, MD

A97 Risk of Ocular Hypertension with Postoperative Topical Steroid Use After Strabismus Surgery in Children and Adults

Victoria J. Gabardi, BS

A98 Outcomes of A Brief Prism Adaptation Test for Children With Distance-Near Disparity Esotropia Undergoing Strabismus Surgery

Shruthivani Velrajan

A99 Botulinum Toxin Injection with or without Bupivacaine in Management of Strabismus in Developmentally Delayed Children.

Mohammad Aldhmour, MD

A100 Surgical Treatment of Nystagmus Blockage Syndrome in Patients with Willed Esotropia

Dongsheng Yang, MD

A101 Horizontal Muscle Recession and Post-Op Astigmatic Changes: Is There a Correlation?

Carrie E. Huang, MD

A102 Null Effect of the First Five Millimeters of Medial Rectus Recession In Decompensated Esophoria

Veronika Yehezkeili, MD

A103 Clinical Profile and Surgical Outcomes of True Muscle Transplantation (TMT) in Extra-Large Angle Infantile Esotropia

Vivekanand U. Warkad, MD

A104	Evaluation of the Outcome of Intermittent Exotropia Surgery Where the Surgery Amount was Determined Exclusively by the Degree of Control Mohamed A. Hussein, MD
A105	Lamellar Flap Advancement of the Medial Rectus Muscle for Treatment of Intermittent Exotropia Joseph F. Griffith, MD
A106	The Same Dose of Three Muscle Strabismus Surgery Treats A Range of Large Angle Exotropia Soh-Youn Suh, MD
A107	Inferior Rectus Transposition: An Alternative to SRT? Tushar Sharma, MD
A108	Long Term Sensory and Motor Outcomes in the Surgical Treatment of Nystagmus Alvaro E. Morgado, MD
A109	Long Term Rates of Success and Re-Operation in Adult Strabismus Patients Stratified by Initial Diagnosis Ji Hyae Lee, MD
A110	Management and Surgical Outcomes of Acquired Strabismus Secondary to Skull Base Neoplasms Mark D. Bailey, MD

VISION ASSESSMENT

A111	Accommodation scale, A Ruler for the Objective Assessment of Magnitude of Accommodation in Kids using a Direct Ophthalmoscope. A Novel and Simpler Method than Dynamic Retinoscopy Mihir Kothari, MD
A112	Dual-Modality Assessment of Pediatric Visual Photosensitivity: Questionnaire and Stimuli-Based Evaluation Jillian Bulman, MPH
A113	Visual Impairment Is Associated With An Increase In Concussions Among Youth Football Players Marina Z. Gad El Sayed, BS

VISION SCREENING

A114	Comparing Pediatric Primary Care Vision Screening Across Two Large Academic Health Systems Olivia J. Killeen, MD
A115	Phased Multi-Model Consent in a Baltimore School-Based Vision Program: A Novel Approach Jenny Kuo
A116	Machine-Learning Development of a Questionnaire for Vision Screening Eileen E. Birch, PhD
A117	The Impact of a Comprehensive Screening Protocol on Students' Eye Health in Sao Paulo City Bruna Gil, MD

Second Set of Posters – Poster Session B

*Second set of posters will be displayed from 4:30 PM Friday, March 7 – 8:00 AM Sunday, March 9
Author Attended Formal Poster Session: Saturday, March 8, 10:05 AM – 11:05 AM*

AMBLYOPIA

B1	Publication Rate of Registered Amblyopia Clinical Trials Dania A. Rahal, BS
B2	At-Home Visual Acuity in Children Using a Custom iPhone® Application Compared with In-Office Visual Acuity Testing Using Standardized Amblyopia Treatment Study Protocols Tawna L. Roberts, OD, PhD
B3	Durability of Real-World Vision Gains Following Completion of Dual-Mechanism Binocular Treatment: PUPIL Registry Results Brenda L. Bohnsack, MD, PhD
B4	Revealing the Hidden Dynamics of Visual Functions: Fixation Preference and Strabismus in Dichoptic Viewing for Amblyopia and Strabismus Fatema Ghasia, MD
B5	Dichoptic Therapy in Pediatric Patients for the Treatment of Deprivational Amblyopia Whitney S. Sambhariya, MD, PhD
B6	Long Term Efficacy of a Perceptual Learning Technique to Improve and Maintain Vision -5 Year Study Damaris Magdalene, DO

ANTERIOR SEGMENT

B7	Assessment of the Effect of Social Determinants of Health on Presentation and Outcomes in Pediatric Blepharokeratoconjunctivitis (BKC) Yisiara A. Aguirre Rodriguez, BA
B8	Drug-Induced Pediatric Tubulointerstitial Nephritis and Uveitis Syndrome in a Nationwide Surveillance Ayesh Ali
B9	Characteristics of Pediatric Patients with Scleritis in the IRIS® Registry (Intelligent Research in Sight) Database Caitlynn Cooper, MD
B10	Genetic Testing and Clinical Correlates in Pediatric Patients with Keratoconus Shreya Menon, BA
B11	Clinical-Topographic Characteristics of Pediatric Patients with Suspected Keratoconus Jose F. Perez-Perez
B12	Comparative Results of a Modified Corneal Collagen Cross-Linking Protocol for Pediatric Patients with Developmental Delay Mohammadali Ashraf, MD, MPH
B13	Quantitative Ultraviolet Riboflavin-Induced Crosslinking Device Design and Its Effect on the Biomechanical Properties of Cornea and Sclera Wensi Wang, PhD
B14	Outcomes of Pediatric Corneal Transplants: A Retrospective Analysis (2018-2024) Simon Fung, MD, MA (Oxon), FRCOphth
B15	Incidence of Corneal Transplantation following Pediatric Cataract Surgery in the IRIS® Registry Lyvia J. Zhang

CATARACT

B16	Long-Term Change in Astigmatic Axis and Power after Cataract Surgery in the Pediatric Population: The Case for and Selection of Toric IOLs in the Pediatric Population Soufiane Azargui, MD
B17	Challenges and Outcomes in Surgical Management of Cataract in Patients with Developmental Delays Yoav Glidai, MD
B18	Visual Outcomes Post Congenital and Developmental Cataract Surgery in Children in a Tertiary Care Eye Centre in North India Abhyuday Saxena, MS
B19	Risk Factors for Capsular Phimosis after Congenital Cataract Surgery James McFadyen, MD
B20	Characteristics, Outcomes, and Prognosis of Pediatric Uveitic Cataract Angell Shi, MD
B21	Pre-Operative vs Intraoperative Intravitreal Ozurdex Implantation in Children with Paediatric Uveitis Requiring Cataract Surgery Priyanca Jeyabaladevan, MBBS, BSc

GENETICS

B22	Genetic Basis of Inherited Retinal Diseases in a Pediatric Population Adriana P. Grigorian, MD
B23	The Relationship Between Age of Diagnosis and Presence of Syndromic Disease in Retinal Dystrophies Melissa Suggs, MD
B24	Bardet-Biedl Syndrome with Fundus Coloboma: A Case Series and Review of Literature Alex V. Levin, MD, MHSc, FRCSC
B25	Efficacy of Subretinal Gene Therapy in Moderately Advanced Retinal Degeneration in the Bardet-Biedl Syndrome Type 10 Mouse Brianna Lobeck, BA
B26	Gene Variant Spectrum in Proband with Familial Exudative Vitreoretinopathy Using an Expanded Panel Johane M. Robitaille, MD, FRCS(C)

B27 Diurnal Variation of Cyst Severity in a Mouse Model of X-Linked Retinoschisis
Sarah Stanley, BA

GLAUCOMA

B28 Longitudinal Monitoring of Childhood Glaucoma Using Virtual Reality Visual Field Testing
Aya Farag, MD

B29 Fractal Dimension Analysis of Peripapillary Microvasculature in Primary Congenital Glaucoma
Emily Kai Yi Tam, MD, MPH

B30 Initial Results of the Paul Ahmed Comparison (PAC) Study in Refractory Childhood Glaucoma
Abdelrahman M. Elhusseiny, MD

B31 Comparison of Bent Ab-interno Needle Goniectomy and Goniotomy in Primary Congenital Glaucoma: A Randomized Controlled Trial
Kajree Gupta, MD

B32 Trans-Scleral Micropulse Cyclophotocoagulation Treatment Outcomes in Refractory Pediatric Glaucoma
William F. Foos, Jr., MD

B33 Outcomes of Micropulse Transscleral Cyclophotocoagulation in Pediatric Glaucoma
Shruti Sinha, MD

B34 Slow-Coagulation Transscleral Cyclophotocoagulation Laser Treatment for Uncontrolled Childhood Glaucoma
Ahmad F. Alzein, BS

B35 Outcomes of Transscleral Cyclophotocoagulation in Childhood Glaucomas
Adam B. Jacobson, MD

NEURO-OPHTHALMOLOGY

B36 Age to Screen for Neurofibromatosis Type 1 Related Optic Pathway Gliomas: A Systematic Review
Sameh E. Soliman, MD, PhD

B37 Paediatric Optic Nerve Glioma: A 10-Year Scottish Retrospective Study and Analysis of Outcomes
Yan Tong Koh, DO

B38 Potential Suspect Drugs of Optic Nerve Hypoplasia and Septo-Optic Dysplasia: An FDA Adverse Events Reporting Database Analysis
Jamal O. Azhari, MD

B39 Myelinated Retinal Nerve Fibres- Congenital or Acquired?
Eleanor McCance

B40 Optic Disc Drusen in a Pediatric Population: Clinical and Imaging Characteristics
Jose Cijin Puthussery, MD, MBA

B41 Functional Imaging of Mitochondria in Optic Disc Disorders in the Pediatric Population Using Flavoprotein Fluorescence
Elizabeth Noh, MD

B42 Clinical Outcomes In Pediatric Patients with Optic Neuritis
Andrew Van, MS

OCULOPLASTICS

B43 Epidemiological Characteristics of Chalazion in 22 Tertiary Children's Hospitals, China: A Seven-Year Multicenter Retrospective Study
Li Li

B44 Treatments for a Chalazion in Children 4 to <18 Years of Age
S. Ayse Erzurum, MD

PRACTICE AND WORKFORCE MANAGEMENT

B45 Safe and Smart: Exploring and Expanding the Use of HIPAA-Compliant Tools for Patient Communication
Natalie G. Enyedi, BS

B46 Text to Image Generation in Pediatric Ophthalmology: A Comprehensive Analysis
Sarah D. Jong, BA

B47	General Anesthesia Utilization and Coordinating Surgical Cases in a Pediatric Ophthalmology Operating Room Jaqueline Stoutin, MD
B48	History and Evolution of Training in Pediatric Ophthalmology Eric Donahue, BS
B49	Factors Influencing Resident Choice for Pediatric Ophthalmology Breanna M. Tracey, MD
B50	Challenges in Providing Pediatric Eye Care: The Impact of Pediatric Fellowships Kristine M. Nachbor, MD
B51	“Investigating Peds-Comp”: A Study of Adult Comprehensive Practice Patterns among Pediatric Ophthalmologists Alexander D. Valentine, MD
B52	Predictive Factors for Leadership Positions among Pediatric Ophthalmology Faculty Josephine Rudd Zhong Manis

PUBLIC HEALTH

B53	The Impact of Social Determinants of Health on Neuropsychological Development on Global Ophthalmology Pediatric Patients: A Scoping Review Euna Cho, BS
B54	The Unmet Vision Care Needs of Publicly Insured Children: A Cross-Sectional Analysis of the 2022 National Survey of Children’s Health Danny Alevy, BS
B55	Examining Factors Impacting Access to Pediatric Eye Care Appointments Thomas Diehl, BS
B56	Analysis of Factors Affecting Appointment Wait Times for Pediatric Eye Care Davina A. Malek, MD
B57	Barriers and Facilitators to Vision Care for Pediatric Ocular Cancer Survivors Jacob I. Strelnikov, MS
B58	Evaluation of Pediatric Ophthalmology on Social Media Platforms Rachelle Srinivas, DO
B59	Assessing the Quality of Vision Therapy Content on TikTok for Pediatric Visual and Learning Disorders Ishan Bhanot, BS
B60	Mental Health and Social Outcomes of Children with Vision Impairment and Glasses Use Priyanka K. Ramulu
B61	A Retrospective Analysis of Visit Durations and Referral Outcomes for Pediatric Ocular Conditions Seen in Emergency and Urgent Care Settings Madelin Z. Ching, BS
B62	Mapping Pediatric Ocular Trauma Referrals: An Analysis of Travel Distances P. Ellie Montufar Wright, BA
B63	Factors Associated with Vision Complaints Following Burn Injuries in Children Aron M. Sebhat, MS
B64	Investigating the Mechanisms and Seasonality of Ocular Burn Injuries in Children Using a Nationwide Database Patricia Bai, MD
B65	Follow-Up Adherence and Long-term Visual Outcomes Following Inpatient Discharge in Abusive Head Trauma Patients Akanksha Malepati, BS

REFRACTIVE

B66	Refractive Changes in Anisometropia in Children Over Time Alyson Kishi, BA
B67	Long-Term Myopic and Cylinder Changes in Children with High Astigmatism Magdalena Stec, OD
B68	Refractive Changes in Children with Myopia and Astigmatism

Noreen Shaikh, OD

B69 Myopia and Systemic Manifestation of Tissue Hyperlaxity: A Population-Based Cross-sectional Study
Idan Hecht, MD

RETINA – RETINOBLASTOMA

B70 Comparison of a Portable Handheld Ultrasound Device to Standard B-Scan for Detection of Retinal Detachment
Ji Hye Bahn, BA

B71 Association between Ocular Findings and Mortality in Children with Non-Accidental Trauma
Florin Grigorian, MD

B72 Retinal Hemorrhage and Benign Enlargement of the Subarachnoid Spaces
Costanza Lucarelli

B73 Insights on the Pediatric Population in a Prospective Ocular Tumor Study
Rachel M. Malsch, BA

B74 Intravitreal Chemotherapy for the Treatment of Retinoblastoma: Systematic Review and Single Arm Meta-Analysis
Andres Bravo-Gonzalez

B75 Anesthesia Exposure in Unilateral Retinoblastoma – Comparison of Enucleation and Intra-arterial Chemotherapy
Aparna Ramasubramanian, MD

RETINOPATHY OF PREMATUREITY

B76 Validation of the Postnatal Growth and Retinopathy of Prematurity (G-ROP) Criteria in a Slovene Cohort
Manca Tekavcic Pompe, MD

B77 Social Determinants of Health Associated with Retinopathy of Prematurity Follow-Up
Elaine Tran, MD

B78 Delays and Loss to Follow-Up in Outpatient Retinopathy of Prematurity Screening
Yannet Daniel

B79 Pediatric Ophthalmology Follow-Up Adherence in Patients with Resolved Retinopathy of Prematurity
Samantha X. Xing, BA

B80 Association Between Neighborhood Socioeconomic Status and Requiring Retinopathy of Prematurity Treatment
Akshara R. Legala, BS

B81 Validating Macular Area As An Index for Foveal Immaturity and Retinopathy of Prematurity Severity
Mennatullah Elfwwal, MD

B82 Type 1 Retinopathy of Prematurity (ROP): Long-Term Outcomes Following Intravitreal Bevacizumab
Hsuan-En Huang, MD

B83 Outcomes of Intravitreal Bevacizumab Injection on Retinopathy of Prematurity between 2011-2024: Neurodevelopmental Disease Association in Lower versus Higher Dose
Sila Dogan Tosun, MD

B84 Respiratory Outcomes in Children Treated with Intravitreal Bevacizumab (IVB) versus Laser for Severe Retinopathy of Prematurity
Kamiar Mireskandari, MBChB, FRCSEd, FRCOphth, PhD

B85 Visual Outcomes of Retinopathy of Prematurity Treated with Primary Laser vs Primary Anti-VEGF with Deferred Laser
Ryan A. Gise, MD

B86 The Effect of Treatment Modality on Ocular Alignment in Children Treated for Type 1 Retinopathy of Prematurity with Laser and/or Intravitreal Anti-VEGF Injection.
Sawyer Vaclaw, MD

B87 Impact of Retinopathy of Prematurity on Rates of Strabismus Surgery Re-operation
Isabella Yazji, BA

STRABISMUS

B88 The Natural History of Intermittent Exotropia Followed for a Minimum of Three Years
Ashley Zhou, MD

B89 Clinical Presentation and Sensorimotor Outcomes of Acute Acquired Comitant Esotropia

Kristi Michels, MD

B90 To Image or Not: Risks Associated with Sedation for Neuroimaging in Acquired Esotropias

Heather A. Stiff, MD

B91 Patient Characteristics Predictive of Success Following Surgery for Nonaccommodative Esotropia in Adults

Iniya K. Adhan, MD

B92 Retrospective Review of Features, Investigation and Management of Acquired Esotropia in High Myopia (Heavy Eye Syndrome)

Gillian Johnson

B93 Clinical Findings in Sagging Eye Syndrome

Acil Alasheh, MBBS

B94 Retrospective Case Series on the Etiology, Presentation Characteristics, Treatment Modalities and Outcomes of Adult Strabismus Patients Undergoing Surgical Treatment at UTHSC Hamilton Eye Institute

Hanan S. Fakhruddin, BA

B95 Accuracy and Readability of ChatGPT Responses to Patient-Centric Strabismus Questions

Ashlyn A. Gary, MS

STRABISMUS SURGERY

B96 An Artificial Intelligence Platform for Surgical Planning of Strabismus

Qingyu Meng, MD

B97 Intraoperative Gray Area Surgical Complications of Strabismus Surgery

Macey Blakley, BA

B98 Assessing Surgeon Perspectives on Gray Area Strabismus Surgery Complications

Ashley A. Ooms, MD

B99 Effect of Postoperative Prophylactic Antibiotic Drops on Frequency of Infectious Complications following Strabismus Surgery: A Large Database Study

Natalia M. Binczyk, MD, FRCSC

B100 Minimally Invasive Strabismus Surgery (MISS) versus Conventional Strabismus Surgery using Limbal Approach: A Systematic Review and Meta-Analysis

Giulia Steuernagel Del Valle, MD

B101 Unintended Consequences of Resections for Treating Horizontal Strabismus: The Unexpected Impact of a Change in Practice Pattern

Purvi Shah, MD

B102 Predictors for Surgical Success in Pediatric Esotropia: A Large Retrospective Cohort Study

Fountane Chan, BS

B103 Botulinum Toxin A versus Bilateral Medial Rectus Recession for Partially Accommodative Esotropia: A Systematic Review and Meta-Analysis

Claudia Avilés Covarrubias, MD

B104 Outcomes of Botulinum Toxin Treatment for Esotropia in Asian Pediatric Patients: A Single-Center Experience

Che-Yu Hu, MD

B105 Characteristics and Surgical Outcomes of Exotropia in an Adult Population Between 18 and 60 Years Old

Jiaxing Wang, MD, PhD

B106 Comparison of Botulinum Toxin Injection and Surgery for Intermittent Exotropia in Children

Chen Yu Lin, MD

B107 Augmented Vertical Rectus Belly Transposition in Exotropia Caused by Medial Rectus Transection following Endoscopic Sinus Surgery

Jing Yao, MD

B108 Surgical Outcomes of Patients with Mild to Moderate Exodeviation with and without Combined Superior Oblique Palsy

Dahlia Palevski, MD, PhD

B109 Combined Inferior Oblique Weakening and Contralateral Inferior Rectus Partial Tenotomy for Unilateral Fourth Nerve Palsy with Moderate Angle Hyperdeviation

Erick D. Bothun, MD

B110 Surgical Outcome of the Modified Nishida's Muscle Transposition Procedure for Monocular Elevation Deficiency

Junhong Li, MD, PhD

VISION ASSESSMENT

B111 Pediatric Validation of a Distance, Portable Acuity/Stereo System
Robert W. Arnold, MD

B112 Color Vision Deficiency is Associated with Increased Prevalence of Amblyopia, Strabismus and
Ametropia: A Large Population Study
Edward Barayev, MD

B113 Reading Speed in Children with Bilateral Pseudophakia
Akila V. Ramkumar, MS, DNB, FICO

VISION SCREENING

B114 Monocular Visual Acuity versus Instrument-Based Vision Screening in 3, 4- and 5-Year Olds:
Comparison of Referral, Follow-Up Rates and Outcomes of Comprehensive Eye Examinations
E. Eugenie Hartmann, PhD

B115 Results of Eye Examinations and Visual Perceptual Testing for Students with Poor 3rd-Grade
Reading Proficiency
Tahir Kuraan, BS

B116 Evaluation of a Portable Autorefractor System in a Pediatric Population
Alex Loayza, BS
