

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
4:15 PM – 5:15 PM	Corporate Sponsored Symposium (No CME)
6:15 PM – 7:00 PM	International Attendees Reception
7:00 PM – 9:00 PM	Opening Reception

THURSDAY, MARCH 19, 2026

6:30 AM – 5:00 PM	Registration
6:30 AM – 7:45 AM	Breakfast
6:30 AM – 7:30 AM	Poster Viewing (Authors not present) CME eligible
7:45 AM – 7:50 AM	Introduction and Welcome 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

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 Birch
8:57 AM – 9:04 AM	Analysis of Qualitative and Quantitative Visual Acuity Measurements in Optic Nerve Hypoplasia Serena Choi
9:04 AM – 9:11 AM	Prevalence of Optic Nerve Hypoplasia in Neurofibromatosis Type 1 Moutaz Rawashdeh
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 of for a child with Posterior Column Ataxia with Retinitis Pigmentosa Natalia Vergara
9:32 AM – 9:36 AM	DISCUSSION OF PREVIOUS PAPER Alina Dumitrescu
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 (A1-100) Galleria Room Medical Student Poster Session (MS A1-A40) 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
11:40 AM – 11:45 AM	Introduction of the Jampolsky Lecture
11:45 AM – 12:05 PM	Jampolsky Founders Series Lecture Childhood Blindness and Musicality: Science and Magic Bradley C. Black, MD
12:05 PM – 12:08 PM	Presentation Ceremony

REFRACTIVE ERROR – STRABISMUS – STRABISMUS SURGERY

12:10 PM – 12:17 PM	New Design Peripheral Defocus Spectacle Lens vs. Single-Vision for Slowing Myopia Progression in Children: Randomized Controlled Trial – 2 year results Chaim Stoloivitch
12:17 PM – 12:24 PM	Consent for Resident Participation in Pediatric Strabismus Surgery Stephanie Dotchin
12:24 PM – 12:31 PM	Congenital Superior Oblique Palsy- Etiology and Success of Early Endoscopic Craniosynostosis surgery Kenneth Wright
12:31 PM – 12:35 PM	DISCUSSION OF PREVIOUS PAPER Linda Dagi
12:35 PM – 12:42 PM	Development of an AI-based Smartphone Application for Automated Pre-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
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 Ledoux, Heather Modjesky, Hawke Yoon
3:10 PM – 3:55 PM	OMIC Workshop Severe Complications of Strabismus Surgery Jinali Dora, Aaron Miller
4:05 PM – 4:30 PM	AAPOS Business Meeting
4:30 PM – 6:30 PM	Jampolsky Founders Series Exhibitor Reception

FRIDAY, MARCH 20, 2026

6:30 AM – 5:00 PM	Registration
6:30 AM – 7:00 AM	Poster Viewing (1 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, Jason Peragallo, David Granet, Kammi Gunton, Sean Donahue, Luis Javier Cardenas Lamas, Shatha Alfreihi, Linda Dagi, Maanasa Indaram, Manju Bhate, Yi Ning Strube, Leila Khazaeni, Jasleen Singh, Saurabh Jain
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Cerebral/cortical visual impairment (CVI): a multidisciplinary approach

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

Pediatric glaucoma debates: the basics and the unexplored

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

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

Casey Smith, Lauren Diroff, David Ramirez, Katherine Brown, Breanna Tracey, Ilana Friedman, Catherine Choi, Mariam Ahmad, Grace Wang

WORKSHOPS – SESSION B

8:30 AM – 9:45 AM

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

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

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

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

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

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

ISA Workshop: Challenging Duane cases from around the world

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

9:45 AM – 10:30 AM

Refreshment Break and Exhibit Viewing

WORKSHOPS – SESSION C

10:30 AM – 11:45 AM

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

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

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

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

Childhood Cataract: Realities, Surgery & Beyond

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

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

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

11:30 AM – 12:00 PM

Poster Removal (1st Set)

12:00 PM – 1:00 PM

Corporate Sponsored Symposium (No CME)

WORKSHOPS – SESSION D

1:15 PM – 2:30 PM

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

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

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

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

Genetic eye disorders in children: Five practice pearls

Virginia Utz, Razek Coussa, Emily McCourt, Elias Traboulsi, Natario Couser, Jose Cijin Puthussery, Jennifer Rossen, Arif Khan, Alex Levin, Gerald Zaidman

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

WORKSHOPS – SESSION E

2:45 PM – 4:00 PM	Treating iatrogenic strabismus from scleral buckles, glaucoma hardware, orbital plates and after endoscopic sinus surgery Linda Dagi, Federico Velez, Hilda Capo, Manju Bhate, Vivekanand Warkad
2:45 PM – 4:00 PM	Congenital and Acquired Optic Neuropathies – What Not to Miss Ryan Gise, Lauren Ditta, Jason Peragallo, Gena Heidary, Mays Dairi, Melinda Chang
	Advocacy in Action: Turning Challenges Into Change with the AAPOS Advocacy Committee Anne Langguth, Michelle Falcone, Chris Rorick, Michael Puente, Danielle Ledoux, Shelagh Foster, Stacey Kruger
	Successful medical student research mentorship strategies in pediatric ophthalmology Allison Summers, Andrew Lee, Courtney Kraus, Maria Jessica Cruz, Janet Alexander, Sharon Freedman, Megan Collins, Fountane Chan
3:45 PM – 4:15 PM	Poster Set Up (2 nd Set)
4:15 PM – 5:15 PM	President's Symposium John Samuel, Author
5:30 PM – 6:30 PM	Young Ophthalmologists, Senior Ophthalmologists and New Member Reception
6:45 PM – 7:30 PM	POM Reception (invitation only)

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	Introduction of Gunter K. von Noorden Young Investigator Award Paper
8:01 AM – 8:09 AM	Gunter K. von Noorden Young Investigator Award Paper Eye Tracking to Detect and Characterize Cerebral/Cortical Visual Impairment (CVI) in Children with Developmental Delays and Neurogenetic Syndromes Melinda Chang
8:09 AM – 8:10 AM	Presentation Ceremony

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

8:10 AM – 8:17 AM	Management of subperiosteal orbital abscess in the pediatric population: a comparative study 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 Alzein
8:24 AM – 8:31 AM	Pediatric refractive error trends from 2002 to 2025 Nesime 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
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
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
9:17 AM – 9:21 AM	DISCUSSION OF PREVIOUS PAPER Oscar Cruz
9:21 AM – 9:28 AM	Surgical Outcomes of Combined Resection–Recession in Children with Esotropia and Distance–Near Disparity Anna Maino
9:28 AM – 9:35 AM	Three-year Outcomes of Gonioscopy-Assisted Transluminal Trabeculotomy in Primary Congenital Glaucoma Rokaya Radwan
9:35 AM – 9:42 AM	Incidence and Prevalence of Glaucoma Surgery Following Pediatric Corneal Transplant from 2015-2024 Aron Sebhat
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 (B1-100) Galleria Room Medical Student Poster Session (MS B1-A40) 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 High Hyperopic Ametropia Implanted with Phakic Ophtec IOL Nicholas Faron
11:12 AM – 11:16 AM	DISCUSSION OF PREVIOUS PAPER M. Edward Wilson
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
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 Raizman
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
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 Roti
12:16 PM – 12:23 PM	Improving P Score Agreement: Novel Discoveries in Retinopathy of Prematurity Classification Julius Oatts

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 Srujay Pandiri
12:30 PM – 12:34 PM	DISCUSSION OF PREVIOUS PAPER David Wallace
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	Socioeconomic and Racial Disparities in Pediatric Ophthalmology Referrals: Insights from the UCSD EyeMobile Program Naren Ramesh
2:23 PM – 2:26 PM	Evaluating Diagnostic Yield and Clinical Outcomes of Inpatient Pediatric Ophthalmology Consultations at a Tertiary Care Center Akanksha Malepati
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
2:35 PM – 2:38 PM	Prism Success in Patients with Diplopia and Retinal Pathology Mariam Tadross
2:38 PM – 2:41 PM	Evaluating Botox injection in the Treatment of Pediatric Strabismus Hannah Brosman
2:41 PM – 2:44 PM	Long-term outcomes and predictors of success in botulinum toxin augmented-strabismus surgery for infantile esotropia Muhammad Abidi
2:44 PM – 2:47 PM	A Biomechanical Model for Preoperative Planning in the Modified Nishida Procedure for Complete Sixth Nerve Palsy Ji An Lee
2:47 PM – 2:50 PM	Surgical outcomes of Scott 2:1 recess-resect adjustable technique for incomitant strabismus Jennifer Vu
2:50 PM – 2:53 PM	Diagnostic fallacy about ectopia lentis in Marfan syndrome Ava Niknahad
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
3:05 PM – 3:08 PM	Risk factors associated with steroid-induced ocular hypertension in children Alan Huang
3:08 PM – 3:11 PM	Referral Patterns and Ocular Manifestations of Cutis Marmorata Telangiectatica Congenita Keely Likosky

3:11 PM – 3:14 PM	Progression of Cerebrovascular Abnormalities in Patients with Morning Glory Disc Anomaly Annie Yao
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
3:17 PM – 3:20 PM	Asymmetric Retinopathy of Prematurity: Characteristics and Outcomes Stephanie Zhang
3:20 PM – 3:23 PM	Microvascular Flow Ultrasound Imaging in Pediatric Ophthalmology Bijal Kikani
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; Stephanie Davidson, Nimesh Patel, Ellen Mitchell, Alexis Flowers, Robert Avery, Grant Liu, Elena Bitrian
9:10 AM – 10:40 AM	Difficult Problems Strabismus Workshop Stacy L. Pineles, MD; Janet Alexander, Veeral Shah, Mays Dairi, Federico Velez, Ramesh Kekunnaya, Nicholas Volpe, Jane Edmond
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 Bohnsack
A2	Real-World Effectiveness of a Binocular, Dual-Mechanism Therapy in Severe Amblyopia: Analysis from the PUPIL Registry Maanasa Indaram
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 Bolton
A5	Assessment of Disparities Among Patients with Pediatric Blepharokeratoconjunctivitis Jennifer Lai
A6	Supra-Trasol Steroid Injection for Severe Vernal Conjunctivitis Roie Etinger
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
A9	Association Between Dupilumab and Ocular Surface Diseases in Children: A Retrospective Cohort Study Hajirah Saeed
A10	Prevalence and Clinical Characteristics of Dry Eye Syndrome in Pediatric Patients Jose Perez-Perez
A11	Long term visual outcomes of optical iridectomy for corneal opacities in children Larissa Gouvea
A12	Standardising the structure of routinely collected data for childhood ocular inflammation: a SNOMED-CT mapping project Yasmin Adelekan-Kamara

CATARACT

A13	Social Vulnerability Predicts Worse Visual Outcomes and Lower Patching Adherence in Patients with Unilateral Congenital Cataracts Alaa Mohamedali
A14	"Real World" Sensory Outcomes after Unilateral Infantile Cataract Surgery Gia Lodato
A15	Etiology, Demographics, and Clinical Features of Dense Pediatric Cataracts Mohammadali Ashraf
A16	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
A17	Long term Outcome of scleral-fixated posterior chamber intraocular lenses in children with genetic ectopia lentis Kevin Vallotton
A18	Postoperative outcomes of sulcus intraocular lens placement in patients with microcornea Elizabeth Mellencamp

GENETICS

A19	Phenotype and a Genotype Spectrum of Congenital Myopathies Presenting in an Ophthalmic Clinic Goura Chattannavar
A20	Ophthalmic Manifestations of Patients with Trisomy 18 Frances de la Camara
A21	Real-World Outcomes of Voretigene Neparvovec in Children with RPE65-Mediated Retinal Dystrophy: Manchester Royal Eye Hospital Experience Aimee Lloyd
A22	Retinal vasoproliferative tumor as a complication of pediatric inherited retinal dystrophy Arif Khan

GLAUCOMA

A23	Outcomes of Cataract Surgery in Eyes with Paediatric Glaucoma Yasmine El Sayed
A24	Effect of Social Determinants of Health on Outcomes of Glaucoma Following Cataract Surgery in a Pediatric Population Robert Robbins

A25	Incidence of mental health conditions in children with glaucoma Milap Vaghela
A26	Iris insertion and trabecular meshwork composition in primary congenital glaucoma and healthy eyes using anterior segment OCT Jiaying Wang
A27	Efficacy of Goniosurgery for Newborn versus Infantile Primary Congenital Glaucoma Helen Yeung
A28	Optic Nerve Head Grading Differences in Unilateral Persistent Fetal Vasculature with and without Glaucoma Dalia El Hadi

NEURO-OPHTHALMOLOGY

A29	Evaluating the Diagnostic Value of Fluorescein Angiography in Pediatric Optic Nerve Elevation with PHOMS Aaron Warning
A30	Diagnostic Value of the GCL/INL Ratio in NF1-Associated Optic Pathway Gliomas Leeor Amit
A31	Predictive Value of Macular Ganglion Cell Thinning Artifact for Disease Severity in Pediatric Idiopathic Intracranial Hypertension Miriam Ehrenberg
A32	Precision of VR-Based Eye-Tracking for Gaze and Pupil Measurements in Children Beate Spychala
A33	Ocular motility disorders in paediatric posterior fossa tumours: a retrospective review Helena Fawdry

NYSTAGMUS

A34	Nystagmus diagnosis and etiology evaluation in the pediatric population Esha Prakash
A35	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

A36	Incidence of mental health conditions in pediatric patients who have sustained ocular trauma Tejal Magan
A37	Non-Powder Firearm-Related Pediatric Ocular Trauma in the United States: A 10-Year National Analysis Olga Salamanca

OCULOPLASTICS

A38	Safety and Efficacy of Systemic Corticosteroids in Children with Orbital Cellulitis Gil Binenbaum
A39	Management and Complications of Orbital Cellulitis in Children: A Retrospective Study Justine Rheault
A40	Sensitivities and Microbiology of Pediatric Orbital Cellulitis: An Updated Report Zahra Markatia
A41	Surgical Patterns of Pediatric Acute Dacryocystitis in a United States Multicenter Study Marina Shenouda
A42	In Office Initiation of Oral Propranolol for Infantile Hemangiomas Is Safe and Efficacious Sarah Martin
A43	Practical easy, costless frontalis sling for congenital ptosis with poor levator function, a novel technique Sabry Aboughaly

PRACTICE AND WORKFORCE MANAGEMENT

A44	Current Landscape of Pediatric Ophthalmology Training Across U.S. Residency Programs Elizabeth Turner
A45	Enhancing Pediatric Ophthalmology Through Online Training: Improvements in Knowledge, Confidence, and Clinical Decision-Making of Brazilian Ophthalmologists Erika Pereira
A46	Exceptional Value of Pediatric Ophthalmic Interventions: An AI Comparative Cost-Utility Analysis Gerard Barry
A47	Four-year outcomes from an eye clinic for adults with intellectual and developmental disabilities Michael Puente
A48	A Survey on Practice Patterns Related to Sustainability Initiatives by the AAPOS Sustainability Task Force Prathishtha Pitchaiah

PUBLIC HEALTH

A49	Vitamin A deficiency related ophthalmic complications in children in the United States: A case series Erica Luse
A50	Awareness of Vitamin A Deficiency in Children with Autism Spectrum Disorder and Dietary Restriction: A Case Series Abbas Habibi
A51	Prevalence of Childhood Eye Disease in Peri-Urban Nepal: A Population-Based Study Manisha Shrestha
A52	Ophthalmic Sequelae of Pediatric Sports-Related Traumatic Brain Injury Christina Scelfo
A53	Lamotrigine-associated Stevens-Johnson syndrome and toxic epidermal necrolysis in children: a systematic review and meta-analysis of worldwide prevalence Abdullah Ahmed

REFRACTIVE

A54	Differences in Cycloplegic Retinoscopy Results Using Near and Far Targets Lily Spellman
A55	Comparative validation of the new photoscreener for pediatric ophthalmology pre-cycloplegic exams Robert Arnold
A56	Induced myopia from intraocular hemorrhage in children Sabhyta Sabharwal
A57	Refractive Error or Axial Length: Which better tracks pediatric myopia risk? Rupa Wong
A58	A study about the relationship between growth and myopia progression in Korean children Hyuna Kim
A59	7-Year Outcomes of Low-Dose Atropine for Pediatric Myopia Control: Early Response Predicts Success and Guides Treatment Escalation Karenn Mehta
A60	Comparative Efficacy of Center-Distance Multifocal, Center-Near Multifocal, and Dual-Focus Contact Lenses in Myopia Control: A Multicenter Randomized Clinical Trial Oriel Spierer

RETINA – RETINOBLASTOMA – ONCOLOGY

A61	The impact of American Academy of Pediatrics diabetic eye exam guidelines: A 50-year population-based study Grayson Ashby
A62	Multimodal retinal imaging in pediatric patients with sickle cell trait Sandra Hoyek
A63	Outcomes of cryotherapy in pediatric pars planitis: a retrospective cohort study Nicholas Tan
A64	Challenges and Outcomes of Cataract Surgery in Retinoblastoma: Insights from 25 Years at a Single Center Rand Zuaier

RETINOPATHY OF PREMATURITY

A65	Optimizing ROP Screening: Interpretable Machine Learning vs. G-ROP Criteria Hadas Ben-Eli
A66	Topographic Features in Retinopathy of Prematurity With en Face Ultra-Widefield OCT Ben Young
A67	Foveal Structure and FAZ Geometry Across Term Born and Preterm ROP Severity: OCT/OCTA Biomarkers Inès Fenniri
A68	Longitudinal assessment of peripheral retinal findings using widefield photography in patients with treated and regressed retinopathy of prematurity Anika Kumar
A69	Aggressive Retinopathy of Prematurity: A Matched Cohort Analysis of Treatment Patterns, Visual development and Systemic Outcomes Celine Chaaya
A70	Aflibercept vs Bevacizumab for treatment-requiring Retinopathy of Prematurity Samantha Butterfield
A71	A randomized trial comparing two doses of bevacizumab for treatment of ROP in Zone I David Wallace
A72	Retreatment Across Risk-Cohorts in Retinopathy of Prematurity: Intravitreal Bevacizumab Injection vs Laser Francisco Altamirano Lamarque

STRABISMUS

A73	Clinical Validation of the Survey for STRabismus Relationships and Bullying (STRAB) Angela Buffenn
A74	UK Professionals' Outlook on the Impact of Strabismus on Employability Rohit Jolly
A75	Prevalence of Strabismus and Amblyopia Among United States Medicare Beneficiaries Hennaav Dhillon
A76	Optical management of accommodative esotropia in pediatric population Andrea Rangel
A77	Role of the Preoperative Prism Adaptation Test in the Correction of Comitant Horizontal Strabismus Natalia Canton
A78	The Natural History of Exophoria Progression Among Young Healthy Adults Sharon Armarnik
A79	Using Dichoptic Therapy to Improve Intermittent Exotropia Control Gwen Martin
A80	Relationship Between Health-Related Quality of Life Outcomes and Control in Childhood Intermittent Exotropia Carolina Adams
A81	Prevalence of amblyogenic anisometropia in children with superior oblique palsy Jenay Yuen
A82	A Model for Predicting Success of Botulinum Toxin Treatment for Esotropia Raghav Vadhul
A83	Elevation Unlock with Abduction Phenomenon: a diagnostic sign in heavy eye syndrome Sasha Mansukhani
A84	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

A85	Trigeminal Afferent Oculocardiac Reflex comparison between Conjunctival Incision and Rectus Tension Breckin Reicks
A86	Effect of Oral Opioid Prescription on Rates of Postoperative Pain Amongst Ophthalmology Subspecialties: A Large Database Analysis Anna Toth

A87	Association of Trainee participation with Strabismus Surgery Outcomes in the IRIS Registry Ju Hyun Jeon
A88	Botulinum toxin injection versus surgical Intervention in the management of residual esotropia Yasser Almuzaini
A89	Surgical Dosing for Partially Accommodative Esotropia Averaging Distance Angle With and Without Hyperopic Correction Veronika Yehezkeli
A90	Augmented bimedial rectus recessions for DIET: The critical role of convergence amplitudes Tais Estrela
A91	Single-Step Bilateral Yokoyama Procedure for Moderate-Angle High Myopia Associated Esotropia: An Autoadjustable Approach Bastián Grass
A92	Bilateral versus unilateral medial rectus recession in adult acquired esotropia: a comparative study Toshiaki Goseki
A93	The Effect of Graded Inferior Oblique Z-Lengthening Partial Width Myotomy for Small Hypertropias with Cyclotorsion Riya Shah
A94	Surgical Outcomes in MRI-confirmed Bilateral Superior Oblique Palsy (SOP) Eli Neimark
A95	Strabismus Surgery Following Glaucoma Procedures: A Case Series Highlighting the Role of Conjunctival Relaxing Incisions in Preventing Postoperative Restriction Mona Fayad
A96	Prevalence and Outcomes of Strabismus Surgery in Patients with Retinoblastoma (2004–2025) Mariana Moctezuma Davila
A97	Vertical rectus pole recessions for lateral-gaze incomitance of hypertropias Samuel Philbrick

VISION ASSESSMENT – VISION SCREENING

A98	Sleep Disruptions in Blind and Visually Impaired Children Arianna Albertorio
A99	Testability and Reliability of a Near Contrast Sensitivity Chart in Children Aged 3 to 11 Years Reed Jost
A100	Vision Screening Outcome over Two School Years from a School-based Vision Program Megan Collins

MEDICAL STUDENT POSTERS

AMBLYOPIA

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

ANTERIOR SEGMENT

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

CATARACT

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

GLAUCOMA

MS – A8	Evaluating the Impact of Intraocular Pressure Measurement Timing After Anesthesia Induction in the Pediatric Population Humza Zaidi
MS – A9	The Role of Music in Enhancing Attention During Visual Field Exams for Pediatric Glaucoma Patients Zain Afzal

NEURO-OPHTHALMOLOGY

MS – A10	Retinal Vascular Morphology in Children with Optic Nerve Elevation of Differing Etiologies Owen Harris
MS – A11	Differences in neuro-ophthalmological characteristics of Lyme neuroborreliosis in children and adults: a systematic review of individual participant data Chaerim Kang

PRACTICE AND WORKFORCE MANAGEMENT

MS – A12	An Analysis of Repeat Inpatient Pediatric Ophthalmology Consultations at a Tertiary Care Center Amy Jasani
MS – A13	Mapping Pediatric Eye-Care Deserts in Canada: A National Geospatial Analysis of Clinician Density, Travel Burden and Socio-economic Inequity Aljeena Rahat Qureshi
MS – A14	Research and Clinical Productivity in Pediatric Ophthalmology Compared to Other Subspecialties 2021–2023: A Cross-Sectional Analysis Jamie Surgent-Nahay
MS – A15	Comparison of AAPOS Professional Education Committee (PEC)-generated versus artificial intelligence (Chat-GPT5)-generated summaries of scientific articles Isabelle Roseto
MS – A16	Predictors of Visit Length in Pediatric Ophthalmology: A Retrospective Analysis Samantha Xing
MS – A17	Visit Length in Pediatric Ophthalmology: Effects of Combined Dilation Drops and Orthoptist Involvement Shawn Khan
MS – A18	A Small Volume Topical Ophthalmic Spray for Pupillary Dilation in Children: A Randomized, Masked Non-inferiority Trial Alyssa Godfrey

OCULAR INFECTIONS

MS – A19	Two Populations, One Disease: Comparing Adult and Pediatric Orbital Cellulitis Jacob Larsen
MS – A20	Comprehensive Image-Based Multilabel Pediatric Trachoma Classification Using Deep Learning Michael Aaby

PUBLIC HEALTH

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

MS – A28	Risk of vision threatening complications with sports in Juvenile X-linked Retinoschisis Kaitlyn Grimes
MS – A29	Retinal Lattice, Holes and Tears in the Pediatric Population: Laser retinopexy vs. Observation Pooja Patel
MS – A30	Trends in Childhood Visual Impairment in the US Retinoblastoma Population Monica Lewis

RETINOPATHY OF PREMATURITY

MS – A31	Retinopathy of Prematurity: A Global Review of Screening Guidelines Nina Ahmad
MS – A32	Clinical and socioeconomic risk factors associated with retinopathy of prematurity at the first screen with a treated-cohort sub-analysis Aaron D'Silva
MS – A33	Retinopathy of Prematurity (ROP) in Extremely Premature Infants Devin Beckmann
MS – A34	Geographical trends in primary treatment decisions for retinopathy of prematurity in the US He Forbes
MS – A35	Ranibizumab in the Management of Retinopathy of Prematurity Victoria Vought

STRABISMUS – STRABISMUS SURGERY

MS – A36	Evaluating Disparities in Access to Adult Strabismus Care Allen George
MS – A37	Sensorimotor Findings in Strabismus Patients on Gender Affirming Hormone Replacement Therapy Andrea Orji
MS – A38	Long-term surgical success rates of muscle plication compared to resection for horizontal strabismus Betsy Benitez

VISION SCREENING

MS – A39	From Policy to Practice: Evaluating Michigan's Preschool and School-Age Vision Screening Program and Downstream Specialty Care Access Stephanie Lee
MS – A40	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	Comparison of Amblyopia Outcomes with a Digital Therapeutic among Children 3 to 12 years of age in Actual Clinical Practice compared with IRIS Registry Benchmarks Michael Repka
B2	The Diagnosing Amblyopia in Rural Neighborhoods (DARN) Study, An IRIS Registry Database Analysis William Johnson
B3	Genomic Structural Variant Associated with Amblyopia in the All of Us Research Program Mary Whitman
B4	How Amblyopia Subtype Shapes Fellow- and Amblyopic-Eye Contrast Sensitivity to First-, Second-Order, and Radial Stimuli Roberta Zagui

ANTERIOR SEGMENT

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

CATARACT

B14	Outcomes of cataract surgery in myopic children Sumita Agarkar
B15	Evaluation of genotype-phenotype associations in juvenile and congenital cataracts Amal Allozi
B16	Timing for Secondary Intraocular Lens Implantation Bharti Nihalani Gangwani

B17 Risk Factors for Posterior Capsulotomy Following Cataract Surgery in Pediatric Patients

Ryan Sahraravand

B18 Outcomes of posterior iris fixated intraocular lens in patients with Ectopia lentis and pediatric cataracts

Manju Bhate

GENETICS

B19 Cardiac Septal Defects as a Predictor of Ocular Co-Morbid Conditions in Children with Down Syndrome

Qais Dihan

B20 Ocular manifestations of pediatric Rubinstein-Taybi Syndrome: a multi-institutional analysis

Adam Davis

B21 Anything but Crystal Clear: Unmasking Retinal Changes Post-Transplant

Shaleen Arora

B22 Ocular Features and Genetic Correlations of Craniosynostosis Children Managed at a Tertiary Care Center

Sameh Soliman

GLAUCOMA

B23 Automated Perimetry in Children with Suspected and Known Glaucoma: Virtual Reality Versus Tabletop

Stephanie Tillit

B24 Hidden Burden: Neurodevelopmental challenges in children with glaucoma

Madhurima Chaudhuri

B25 Analysis of Late-Diagnosed Pediatric Glaucoma Cases at Two Academic Institutions

Christine Xu

B26 Management of Childhood Glaucoma in a Specialized Unit in a Latin America Country

Marian Reyna

B27 Management and Outcomes of Glaucoma in Children with Stickler Syndrome

Adam Jacobson

B28 Safety and Efficacy of Apraclonidine in Pediatric Glaucoma Management

Marie Michele Macaron

NEURO-OPHTHALMOLOGY

B29 Factors associated with change in functional vision over 1 year in children with cerebral/cortical visual impairment (CVI)

Mark Borchert

B30 Enhancing the Diagnosis of Visual Impairment in Infants with Neurologic Injury

Ashley Ooms

B31 Sensorimotor Characteristics of Pediatric Patients with Hemianopic Visual Field Changes

Alexander Valentine

B32 Feasibility of Handheld Nonmydriatic Fundus Camera Use for Optic Disc Assessment in Pediatric Patients

Rahul Moorjani

B33 Risk of Neuroblastoma Among Patients with Pediatric Horner Syndrome

Alexander Kwok

B34 Do Steroids improve idiopathic sixth nerve palsy outcomes?

Amir Sternfeld

NYSTAGMUS

B35 The new method for calculating surgical treatment of nystagmus using the mathematical modeling program

Igor Aznauryan

OCULAR TRAUMA

B36	Pediatric Globe Trauma: Predictors of Surgical Outcomes in a Rural Tertiary Academic Center Haseeb Mahmud
B37	Risk factors for non-accidental ocular trauma and retinal hemorrhage in children Michael Foster

OCULOPLASTICS

B38	Comparative Feasibility and Efficiency of Pediatric Oculoplastic Procedures Across Surgical Settings Karen Revere
B39	Outcomes of Levator Resection for Pediatric Ptosis: A Nine-Year Retrospective Review Sila Dogan Tosun
B40	Non-Tobacco Nicotine Use and Cigarette Smoking Increase the Five-Year Risk of Thyroid Eye Disease Muhammad Chauhan

PRACTICE AND WORKFORCE MANAGEMENT

B41	Factors associated with matching into pediatric ophthalmology and strabismus fellowship: a San Francisco Match analysis Muhammad Khan
B42	Authorship and Publication Characteristics in Pediatric Ophthalmology Research: A Review of The AAPOS Professional Education Committee Handouts; 2019-2023 Claudia Amaral
B43	Optimizing Pediatric Inpatient Consult Services Through Integration of a Certified Ophthalmic Assistant: A Sustainable, Replicable Model Madhuri Chilakapati
B44	Reducing Documentation Burden in Pediatric Ophthalmology: Impact of Ambient Artificial Intelligence (AI) Scribe Technology Anne Langguth
B45	Quantifying the Impact of Neurodevelopmental Disorders on Pediatric Ophthalmology Visit Durations Sonali Talsania

PUBLIC HEALTH

B46	Association of Vision Impairment with Food Insecurity in US Children Reda Ghazali
B47	Telemedicine in Pediatric Ophthalmology: Patterns of Use, Follow-up, and Implications for Expanding Access Hannah Walsh
B48	Equity in Access to Pediatric Keratoplasty: A Geographic Service Area Analysis of the United States Hasan Khan
B49	Cost as a Barrier in Myopia Control: Re-enrollment Patterns Following Subsidized Treatment Noreen Shaikh

REFRACTIVE

B50	The Role of Adult Retinoscopy in Resident Education Sarah Wall
B51	0.5% Cyclopentolate-Tropicamide versus 1% Cyclopentolate alternating with 1% Tropicamide for Pediatric Patients with Dark Irides: A Clinical Trial Chavisa Bunyavee
B52	The natural history of Astigmatism; from infancy to the first decade of life; a large cohort Daphna Mezaad-Koursh
B53	Axial Length Progression and Refractive Change in Healthy Young Adults Michael Kinori
B54	Myopia Prevention Practices Among Ophthalmologists in Hong Kong: A Cross-Sectional Survey 2025 Cheuk Ling Yim
B55	Investigation of a Novel Pathological Myopia Model Induced by Collagenase I Yanzi Wang

- 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 Parmar

- B59 Fundus Autofluorescence as an Alternative to Fluorescein Angiography for Laser Treatment Planning in Coats Disease

Yashar Abibnia

- B60 MRI vs B-Scan Ultrasonography/Clinical Examination for Recurrence Detection in Retinoblastoma: Strengths, Limitations, and Complementary Roles

Buse Guneri Beser

- B61 Preliminary Data from the Phase II Clinical Trial Evaluating the Use of Topotecan Chemoplaque for the Treatment of Retinoblastoma

Lauren Yeager

RETINOPATHY OF PREMATURITY

- 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

- B65 Utility of the third weight gain period: Real-world application of the G-ROP criteria

Rebecca Tanenbaum

- B66 Predicting Development of Cortical/Cerebral Visual Impairment in Micro- and Nano-Premature Neonates with Treated Retinopathy of Prematurity

Mark Phillips

- B67 Systemic complications associated with retinopathy of prematurity: evidence from a large United States database

Fatma Shakarchi

- B68 Clinical Characteristics and Outcomes of Late Retinal Detachments in Retinopathy of Prematurity

Ayush Parikh

- 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 van Zeeburg

- B71 Patterns of regression and reactivation after intravitreal anti-VEGF injection for ROP

Samyuktha Guttha

STRABISMUS

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

Ana Moleiro

- B73 Measuring Torsion: Mobile App vs Double Maddox Rod

Kimberly Merrill

- 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 Hossameldin

B76	Prescribed part-time patching versus prescribed full-time alternate patching therapy for children with intermittent exotropia Stephen Christiansen
B77	Exodeviations Following Treatment for Cranial Nerve IV Palsy Ryan Thompson
B78	Systemic and Metabolic Profile of Sagging Eye Syndrome: A Comparative Analysis Federico Velez
B79	V-pattern strabismus and syndromic craniosynostosis: Are superior oblique muscle hypoplasia and excyclorotation of rectus muscles independent or dependent associations? Yoon-Hee Chang
B80	Three-step test Is confounded In bilateral superior oblique (SO) atrophy confirmed by MRI Joseph Demer
B81	Strabismus treatment outcomes in children with neonatal brain injury Yi Zhou
B82	First Time Toxin in Adult Strabismus Alice Donnachie

STRABISMUS SURGERY

B83	Reliability of a New Method for Extraocular Muscle Insertion Localization. Alyne Correa
B84	Integrated Calculation for Partially Accommodative Convergence Excess Esotropia: A Review of 54 Cases Neha Yadav
B85	Recession-Resection Strategies in the Treatment of Adult-Onset Distance Esotropia Corina Iragorry Dominguez
B86	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
B87	Surgical dosing of plication for treatment of horizontal strabismus Julie Kim
B88	Surgical outcomes of slanted bilateral lateral rectus recession in children with intermittent exotropia with convergence insufficiency Bo Young Chun
B89	Surgical outcome of the modified Nishida's muscle transposition procedure for recurrent sensory exotropia Junhong Li
B90	Surgical Outcomes of Inferior Oblique Weakening Procedures on Horizontal Eye Alignment in Pediatric Patients Saif Alobaisi
B91	Nasal transposition of the vertical rectus muscles for adduction limitation Monica Morales
B92	Efficacy of Rectus Muscle Equatorial Transposition Surgery in Paralytic Strabismus Christina Douglas
B93	Adjusting for an undercorrection with semiadjustable suture strabismus surgery: an alternative single stage approach. Klio Chatzistefanou
B94	Surgery for symptomatic cyclodeviations after macula-off retinal detachment without scleral buckle. Avery Sears
B95	Post-operative pain after pediatric strabismus surgery Sabrina Yu
B96	Surgical Indications, Systemic Associations, and Reoperation Rates in Adult Strabismus Nallely Morales-Mancillas
B97	Laser-Induced Contraction of Extraocular Muscles: A Pilot Study in Non-Human Primates John Mark

VISION ASSESSMENT – VISION SCREENING

B98	Evaluation of a Glasses-Free Stereoacuity Test Brooke Koritala
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B99 Referral Criteria Adjustment: A Site-Wide Initiative to Decrease Referrals from Instrument-Based Pediatric Vision Screening

E. Eugenie Hartmann

B100 Post-Pandemic Changes in Demographics and Outcomes of Children at an Inner-City Vision Outreach Program: Give Kids Sight Day

John Williamson

MEDICAL STUDENT POSTERS

AMBLYOPIA

MS – B1 Asymmetric deficits in ON and OFF visual pathways in a preclinical model of deprivation amblyopia

Morgan Bade

MS – B2 Improving early diagnosis of amblyopia through the implementation of a systematic vision screening program in pediatric patients

Luis Perez Velasquez

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

Anila Narayana

MS – B4 Assessing New EHR Documentation Tools for Amblyopia Treatment

Maria Jessica Cruz

ANTERIOR SEGMENT

MS – B5 Oral vs Subcutaneous Methotrexate at High Dose for Pediatric Anterior Uveitis

Katie Choi

CATARACT

MS – B6 Capsular Outcomes using Precision Pulse Capsulotomy in Complex and Standard Pediatric Cataract Surgery

Andras Muranyi

MS – B7 Outcomes of Deferred Cataract Extraction in Pediatric Patients with Open Globe Injury and Anterior Capsule Rupture

Cameron Martin

GENETICS

MS – B8 Access to Care for Ocular Genetic Diseases

Neil Dogra

GLAUCOMA

MS – B9 Risk of Cataract, Lens Dislocation, Glaucoma, and Vitreous Hemorrhage After Pediatric Ocular Trauma

Rose Bishay

MS – B10 Comparative Risk of Uveitis With Prostaglandin Analogs Versus Other Agents in Childhood Glaucoma

Marina Gad El Sayed

NASOLACRIMAL DUCT OBSTRUCTION

MS – B11 Surgical Treatment Options for Nasolacrimal Duct Obstruction - A Comparison Study

Leo Armando Romano

NEURO-OPHTHALMOLOGY

MS – B12 Predictors of Visual Field Testing Reliability in Pediatric Neuro-ophthalmic Disease

Jacob Nydegger

MS – B13	Ocular Complications of Drusen and Age in a Pediatric Population Tara Foley
MS – B14	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 – B15	Temporal and Diagnostic Trends in Pediatric Ophthalmology Consultations at a Tertiary Care Children's Hospital Bradley Dorin
MS – B16	Identification of Pediatric Ophthalmologists on Publicly Available Sites Thomas Diehl
MS – B17	Impact of a Dedicated Mentorship Program on Interest in Pediatric Ophthalmology: The Pediatric Ophthalmology Mentorship (POM) Program Year 1 Experience John Morse
MS – B18	Financial Conflict of Interest Disclosures at the AAPOS 2024 Annual Conference Eric Zhu

PUBLIC HEALTH

MS – B19	Area Deprivation and Social Vulnerability Indices are Associated with Pediatric Vision Screening Outcomes: Findings from the UCI EyeMobile for Children Program Jainam Shah
MS – B20	Visual Impairment and Socioeconomic Distress in the Pediatric Population: A National Database Study Andrea Arline
MS – B21	Ophthalmic Morbidity Following Learning Disorder Diagnosis: A Real-World Propensity-Matched Analysis Arsalaan Asad
MS – B22	Racial and Ethnic Differences Impact Service Utilization of Pediatric Ophthalmology Care for Patients with Intellectual and Developmental Disabilities Elizabeth Russ
MS – B23	Supports and Challenges in Transitioning Patients with Neurodevelopmental Disorders to Adult Ophthalmology Vanessa Anderson
MS – B24	High Engagement, Low Educational Value: Hyperopia Videos on YouTube Ava Herzog
MS – B25	Ophthalmic Dog Bite Injuries in Children: A Distinct Epidemiologic and Clinical Subset Llwyatt Hofer

REFRACTIVE

MS – B26	Increased Vitreous Chamber Depth Associated with High Myopia in Children Brigid Devine
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RETINA

MS – B27	3D Printed Eyeball Models Identify Significant Gaps with Red-Reflex Test Training of Medical Students Kyobin Hwang
MS – B28	Assessing foveal maturity in full-term newborns with subretinal fluid by handheld swept source optical coherence tomography Debbie Wang

RETINOPATHY OF PREMATUREITY

MS – B29	Optimizing retinopathy of prematurity screening criteria to safely reduce infant stress and provider burden at an academic neonatal intensive care unit Rachel Donaldson
MS – B30	Validation of the “TWO-ROP” Algorithm in a Tertiary Care Center in Greece Marfy Abousifein
MS – B31	Human Milk Oligosaccharides: Natural Protection Against Retinopathy of Prematurity Mohammed Khan
MS – B32	Retinopathy of Prematurity Treatments and Long-Term Ocular Complications Across a Large United States National Database Sarah Jong
MS – B33	Refractive error changes following interventions for retinopathy of prematurity: a single center study Dania Rahal
MS – B34	Practice Patterns for the Management of Persistent Avascular Retina and Type 2 Retinopathy of Prematurity Hongyi Zhang

STRABISMUS – STRABISMUS SURGERY

MS – B35	Influence of Creator Type on the Quality of Strabismus-Related Social Media Content Across Platforms Claire Abraham
MS – B36	Evaluating an Orthoptist-Ophthalmologist Collaborative Care Model for Adult Strabismus Patients Jadyn Lee
MS – B37	Implementation of an Educational Video for Pre-operative Strabismus Counseling Rohit Balaji
MS – B38	Modified Nishida Procedure with Medial Rectus Recession for Type 1 Duane Syndrome: Pediatric Case Series Rajan Alagar

VISION SCREENING

MS – B39	Impact of State Vision Screening Mandates on Age and Racial Disparities in Pediatric Vision Screening Kaden Bunch
MS – B40	Vision Screening Referral Rates and Educational Performance in Rhode Island Preeti Nagalamadaka