

## American Association for Pediatric Ophthalmology and Strabismus

48<sup>th</sup> Annual Meeting, March 29 – April 2, 2023, Preliminary Program, New York, NY

### WEDNESDAY, MARCH 29, 2023

7:00 AM – 2:30 PM	Finance Committee, Board of Directors Meetings
7:00 AM – 7:00 PM	Registration
8:00 AM – 4:00 PM	Pre-Day: Practice Management Symposium sponsored by SEC for all AAPOS members and their staff (academic and private practice) Growing Your Practices' Economic Potential: From Basics to Advanced Concepts <b>Eric A. Packwood, MD; Traci Fritz</b> Separate Registration/Fee (See separate program for details)
1:00 PM – 4:00 PM	Poster Set Up (1 <sup>st</sup> Set)
4:00 PM – 6:00 PM	Poster Viewing (1 <sup>st</sup> Set) (Authors not present) CME eligible
4:15 PM – 5:15 PM	OMIC Workshop OMIC's Strabismus Claims – New Concerns <b>Robert S. Gold, MD &amp; Robert E. Wiggins, MD</b>
6:15 PM – 7:00 PM	International Attendees Reception
7:00 PM – 9:00 PM	Opening Reception

### THURSDAY, MARCH 30, 2023

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

### CATARACT – ANTERIOR SEGMENT – NASOLACRIMAL

8:55 AM – 9:02 AM	Frequency and Type of Strabismus 5 Years Following Lensectomy for Pediatric Cataract <b>Katherine A. Lee, MD, PhD</b>
9:02 AM – 9:09 AM	Objective Assessment And Quantitative Analysis of Pediatric Cataracts Using Optical Coherence Tomography: Correlation With Clinical Findings <b>Savleen Kaur, MD</b>
9:09 AM – 9:16 AM	Factors Associated with Visual Acuity 5 Years Following Lensectomy for Infantile Cataract <b>Michael X. Repka, MD, MBA</b>
9:16 AM – 9:23 AM	Standard Monofocal Intraocular Lenses Versus Enhanced Monofocal Intraocular Lenses for Children 6-13 Years Old with Pediatric Cataract <b>Shaza Elzawahry, MD</b>
9:23 AM – 9:27 AM	DISCUSSION OF PREVIOUS PAPER <b>M. Edward Wilson, MD</b>
9:27 AM – 9:34 AM	Anterior Chamber Iris-Claw Intraocular Lens Implantation for Aphakia in Children with Ectopia Lentis in Marfan Syndrome <b>Marije Sminia</b>
9:34 AM – 9:41 AM	Anatomical and Functional Outcomes of Rotational Autokeratoplasty in Children: A Multicenter Retrospective Study <b>Priscille de Laage de Meux, MD</b>

9:41 AM – 9:48 AM	Probing and Irrigation versus Primary Nasal Endoscopy for the Treatment of Congenital Dacryocystoceles <b>Tessnim R. Ahmad, MD</b>
9:48 AM – 10:05 AM	<b>PANEL DISCUSSION</b>
10:05 AM – 11:05 AM	Interactive Poster Session – Author Presentation and Q/A <b>1<sup>st</sup> Set of Posters (A1-A120) – Authors Present</b> – CME eligible (Odd Numbered Posters 10:05 – 10:40; Even Numbered Posters 10:30 – 11:05)
11:10 AM – 1:05 PM	Moderators: <b>Tina Rutar, MD &amp; Rahul Bhola, MD &amp; David Wallace, MD, MPH</b>
11:10 AM – 11:25 AM	Presentation of Parks Medals & Children's Eye Foundation of AAPOS Update <b>Pamela E. Williams, MD &amp; Bradley C. Black, MD &amp; Robert S. Gold, MD</b>
11:25 AM – 11:30 AM	Introduction of the Helveston Lecture <b>Daniel J. Karr, MD, FAAO, FAAP</b>
11:30 AM – 11:50 AM	Helveston Lecture How Research is Evolving the 21 <sup>st</sup> Century Practice of Pediatric Ophthalmology <b>Michael F. Chiang, MD</b>
11:50 AM – 11:53 AM	Presentation Ceremony <b>David A. Plager, MD</b>

### **AMBLYOPIA – VISION SCREENING – GENETICS**

11:55 AM – 12:02 PM	Ethnic Disparity in Timing of Amblyopia Diagnosis <b>Daniel A. Greninger, MD</b>
12:02 PM – 12:09 PM	Randomized Clinical Trial of Patch-Free Streaming Binocular Contrast-Rebalanced Dichoptic Cartoons versus Patching for Treatment of Amblyopia in Children Aged 3 to 5 Years <b>Reed M. Jost, MS</b>
12:09 PM – 12:16 PM	An Eye-Tracking Based Dichoptic Amblyopia Home Treatment is Comparable to Standard Occlusion for Amblyopia: A Multicenter Randomized Clinical Trial <b>Tamara Wygnanski-Jaffe, MD</b>
12:16 PM – 12:20 PM	DISCUSSION OF PREVIOUS PAPER <b>Eileen E. Birch, PhD</b>
12:20 PM – 12:27 PM	A Multicentre Randomized Controlled Trial Comparing Patching for Amblyopia with and without Extended Optical Treatment <b>Irene Gottlob</b>
12:27 PM – 12:34 PM	Failed Vision Screenings and Childhood Refractive Errors: When Do We Actually Prescribe Glasses? <b>Yoon H. Lee, MD</b>
12:34 PM – 12:41 PM	Ocular Biometric Parameters Changes and Choroidal Vascular Abnormalities in Patients with Neurofibromatosis Type 1 Evaluated by OCT-A <b>Aldo Vagge, MD, PhD</b>
12:41 PM – 12:48 PM	Foveal Hypoplasia Grading in 95 Cases of Congenital Aniridia: Correlation to Phenotype and PAX6 Genotype <b>Alejandra Daruich</b>
12:48 PM – 1:05 PM	<b>PANEL DISCUSSION</b>
1:15 PM – 2:00 PM	<b>AAPOS Business Meeting</b>
2:15 PM – 3:15 PM	SEC Practice Management Workshop Implications of Socioeconomic Factors On the Future of Pediatric Ophthalmology and its Impact on Access to Care: The Next Generation Project <b>Charlotte Gore, MD; Karen E. Lee, MD, MS; Leonard B. Nelson, MD; Eric A. Packwood, MD</b>
3:30 PM – 5:00 PM	Building Blocks of Documentation and Coding in the Pediatric Ophthalmology Practice <b>Heather Dunn, COA, OCS, OCSR; Traci Fritz, COE; Eric A. Packwood, MD; Maria P. Patterson, MD; Michael X. Repka, MD, MBA</b>
4:30 PM – 6:30 PM	Helveston Lecture/Founders Series Reception

### **FRIDAY, MARCH 31, 2023**

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

## WORKSHOPS – SESSION A

7:00 AM – 8:15 AM	Cortical/Cerebral Visual Impairment 2023 Update: What You Need to Know <b>Melinda Chang; Sharon Lehman; Richard Legge; Veeral Shah</b>
	Advanced and Innovative Techniques Managing Strabismus from Orbital Trauma <b>Linda R. Dagi, MD; Seyhan B. Özkan, MD; Eric D. Gaier, MD, PhD; Federico G. Velez, MD; Hilda Capo, MD</b>
	What's New and Important in Pediatric Ophthalmology <b>Emily McCourt; Eunice Kohara; Smith Ann Chisholm; Herse Varma; Lauren Mehner; Casey Smith; Catherine Choi; Robert Tauscher; Alex Khammar; Grace Wang</b>
	Intraoperative Cataract and Anterior Segment Dilemmas: Cases with Expert Opinions <b>Azam Qureshi; Ken Nischal; M. Edward Wilson; Sarah Eppley</b>

## WORKSHOPS – SESSION B

8:30 AM – 9:45 AM	How to Use Posterior and Anterior OCT and OCT Angiography in Your Clinical Practice <b>Yasmin Bradfield; Savleen Kaur; Mays El-Dairi; Ken Nischal</b>
	Controversies in Pediatric Eye Trauma: An Evidence-Based Topic Debate and Discussion <b>Ankoor S. Shah; Kara M. Cavuoto, MD; Eric D. Gaier, MD, PhD; Efren Gonzalez, MD; Charlotte Gore, MD; Courtney L. Kraus, MD; Prethy Rao, MD; J. Reeves Ellis Samaha, MD, MPH; Natalie C. Weil, MD; Marguerite C. Weinert, MD</b>
	AOC/AAPOS Joint Workshop: Thinking Outside the BOtoX: A Tribute to Alan Scott <b>Sarah Whitecross, CO; Doug Fredrick, MD; Alejandra de Alba Campomanes, MD; Joseph L. Demer, MD; William V. Good, MD; Dusty Gronemyer, CO; Eugene Helveston, MD; David G. Hunter, MD, PhD; Sarah MacKinnon, CO; Gill Roper-Hall, CO</b>
	Pharmapalooza 2023: Drug Updates for the Pediatric Ophthalmologist <b>Tammy L. Yanovitch, MD, MHSc; Maria Lim, MD; Laura B. Enyedi, MD; Sawyer Vaclaw, BS; R. Michael Siatkowski, MD, MBA</b>
	Novel Strabismus Surgery Techniques – A Hands-On Lab <i>(separate registration in March 2023 – limited to 50 participants)</i> <b>Kenneth W. Wright, MD; Yi Ning Strube, MD; Rebecca Leenheer, MD; Lisa Thompson, MD; Cem Mocan, MD</b>
9:45 AM – 10:30 AM	Refreshment Break and Exhibit Viewing

## WORKSHOPS – SESSION C

10:30 AM – 11:45 AM	YAAPOS Rapid Fire Cases <b>Smith Ann Chisholm; Sasha Strul; Zachary Elkin; Lauren Mehner; Stephanie Tillit; Iniya Adhan; Alex Kwok; Tiffany Chen; Bryce Baugh; Carleigh Bruce; Maria Stunkel; Crystal Cheung; Brandon Kennedy; Matthew Javitt</b>
	Myopia and Amblyopia are Common Diagnoses in Pediatric Ophthalmology Practice. When Should You Suspect More? <b>Alina V. Dumitrescu, MD; Arif O. Khan, MD; Matthew Weed, MD; Janice Zeid, MD; Jaime Tejedor, MD; Kathryn M. Haider, MD; Arlene V. Drack, MD; Jefferson Doyle, MD, PhD, MHS, MA</b>
	AAP Workshop: Transition of Care - Why? When? How? <b>Gregg T. Lueder, MD; Mary Louise Collins, MD; David Epley, MD; Dan Karr, MD; Alex V. Levin, MD; Sheryl Menacker, MD</b>
	Torsional Diplopia – Evaluation and Evolving Treatment Options <b>Jon Peiter Saunte, MD; Sara Flodin, CO, PhD; Jonathan M. Holmes, MD; Pradeep Sharma, MD; Stacy Pineles, MD, MS; Federico Velez, MD</b>
11:30 AM – 12:00 PM	Poster Removal (1 <sup>st</sup> Set)
12:00 PM – 1:00 PM	Corporate Sponsored Symposium (No AAPOS CME)

## WORKSHOPS – SESSION D

1:15 PM – 2:30 PM	Myopia Control: Bringing Near-sighted Treatment into Focus <b>Brenda Bohnsack; Rahul Bhola; David Epley; Magdalena Stec; Allison Summers; Noreen Shaikh</b>
	Oculoplastics for the Pediatric Ophthalmologist <b>Smith Ann Chisholm, MD; Daniel Weaver, MD; William Katowitz, MD; Heather Stiff, MD; Jenny Dohlman, MD</b>
	How (Not) to Manage Pediatric Uveitis: Lessons Learned from Complicated Cases <b>Stefanie L. Davidson, MD; Kara C. LaMattina, MD; Jennifer Jung, MD; Erin Stahl, MD; Bharti Gangwani, MD; Melissa Lerman, MD; Mays El-Dairi, MD</b>
	IPOSC Workshop: Surprises in Pediatric Ophthalmology & Strabismus: Cases with a Twist <b>Jan Tjeerd de Faber, MD; Faruk Orge, MD; Tamara Wygnanski-Jaffe, MD; Scott R. Lambert, MD; Sonal Farzavandi, MD; Rohit Saxena, MD, PhD; Giovanni B. Marcon, MD; Alex V. Levin, MD</b>

## WORKSHOPS – SESSION E

2:45 PM – 4:00 PM	Surgical Management of Childhood Glaucoma - Pearls Learned the Hard Way <b>Sharon F. Freedman; Alex V. Levin; Allen D. Beck; Ta Chen Peter Chang; Brenda L. Bohnsack; Matthew L. Haynie</b>
	Management of Complex Strabismus: Pearls and Pitfalls <b>Saurabh Jain; Gillian Adams; Jonathan M. Holmes; Rosario Gomez de Liano; Seyhan B. Ozkan; Jon Peiter Saunte; Federico Velez; Anthony Vivian</b>
	Scratching Below the Surface: Clinical Pearls in Pediatric Ocular Surface Diseases <b>Kamiar Mireskandari; Asim Ali; Simon Fung; Angela Zhu</b>
	Hot Topics in Pediatric Neuro-Ophthalmology <b>Jason Peragallo; Melinda Chang; Mays El-Dairi; Gena Heidary; Julius Oatts; Stacy Pineles</b>
3:45 PM – 4:15 PM	Poster Set Up (2 <sup>nd</sup> Set)
4:15 PM – 5:15 PM	President's Symposium The Importance of Storytelling in Medical Practice <b>Kerry Sanders</b>
5:30 PM – 6:30 PM	Young Ophthalmologists, Senior Ophthalmologists and New Member Reception
6:00 PM – 8:00 PM	Poster Viewing (2 <sup>nd</sup> Set) (Authors not present)

## SATURDAY, APRIL 1, 2023

6:30 AM – 7:30 AM	AAPOS 5K Run (Separate Registration/Fee)
6:45 AM – 7:45 AM	Corporate Sponsored Symposium (No CME)
7:00 AM – 5:00 PM	Registration
7:00 AM – 8:00 AM	Poster Viewing (2 <sup>nd</sup> Set) (Authors not present) – CME eligible – Breakfast
8:00 AM – 9:50 AM	Moderators: <b>Catherine O. Jordan, MD &amp; M. Edward Wilson, MD &amp; Yasmin S. Bradfield, MD</b>

## GLAUCOMA – NEURO-OPHTHALMOLOGY – REFRACTIVE ERROR

8:00 AM – 8:01 AM	Introduction of the Gunter K. von Noorden Young Investigator Paper <b>Stacy L. Pineles, MD</b>
8:01 AM – 8:09 AM	Gunter K. von Noorden Young Investigator Award Paper Childhood Glaucoma Treatment Outcomes: From Case Reports to Big Data Analysis <b>Ta Chen Peter Chang, MD</b>
8:09 AM – 9:10 AM	Presentation Ceremony <b>Mohamad S. Jaafar, MD</b>
8:10 AM – 8:17 AM	Risk Factors for Glaucoma Diagnosis and Surgical Intervention following Pediatric Cataract Surgery in the IRIS® Registry <b>Daniel M. Vu, MD</b>
8:17 AM – 8:24 AM	Impact of Socioeconomic Factors on the Outcomes of Childhood Glaucoma <b>Deborah K. VanderVeen</b>

8:24 AM – 8:31 AM	Ocular Surface Disease in Childhood Glaucoma <b>Abid A. Haseeb, MD</b>
8:31 AM – 8:38 AM	Pilot Study Comparing a New Virtual Reality-Based Visual Field Test to Standard Perimetry <b>Yeabsira Mesfin</b>
8:38 AM – 8:45 AM	Performance of a Novel Virtual Reality Automated Perimetry in Patients with Pediatric Glaucoma <b>Bo Wang</b>
8:45 AM – 8:51 AM	DISCUSSION OF TWO PREVIOUS PAPERS <b>Gena Heidary, MD, PhD</b>
8:51 AM – 8:58 AM	One Year Results of Gonioscopy-Assisted Transluminal Trabeculotomy versus Two-Site Rigid-Probe Trabeculotomy in Primary Congenital Glaucoma <b>Hala ElHilali, MD</b>
8:58 AM – 9:05 AM	Analysis of Ganglion Cell Thinning in Paediatric Papilledema- At What Point Does Visual Function Become Affected? <b>Michael J. Wan</b>
9:05 AM – 9:12 AM	Predicting Visual Acuity and Myopic Changes in Children Wearing Glasses with a Photoscreener <b>Sandra Guimaraes, MD, PhD</b>
9:12 AM – 9:19 AM	Rebound Effect in Gradual vs. Prompt Cessation of Atropine 0.01% Treatment for Childhood Myopia <b>Asaf Shemer</b>
9:19 AM – 9:23 AM	DISCUSSION OF PREVIOUS PAPER <b>Amy K. Hutchinson, MD</b>
9:23 AM – 9:30 AM	Short-Term Effect of Atropine 0.01% vs Atropine 0.05% on Higher Order Aberration, Retinal Image Quality and Contrast Sensitivity in Progressive Myopia <b>Vinay Gupta</b>
9:30 AM – 9:37 AM	Excimer Laser Refractive Surgery Outcomes in 355 Myopic Children Followed an Average 5 Years <b>Nicolas Faron</b>
9:37 AM – 9:50 AM	<b>PANEL DISCUSSION</b>
9:50 AM – 10:50 AM	Interactive Poster Session – Author Presentation and Q/A <b>2<sup>nd</sup> Set of Posters (B1-B120) – Authors Present</b> – CME eligible (Odd Numbered Posters 9:45 – 10:20; Even Numbered Posters 10:10 – 10:45)
10:55 AM – 1:00 PM	Moderators: <b>Deborah M. Alcorn, MD &amp; Oscar A. Cruz, MD &amp; Yasmin S. Bradfield, MD</b>
10:55 AM – 11:25 AM	AAPOS Updates
10:55 AM – 10:59 AM	ABO Update on Continuous Education <b>Robert E. Wiggins, MD</b>
10:59 AM – 11:03 AM	AAP Update <b>Donny W. Suh, MD</b>
11:03 AM – 11:07 AM	National Eye Institute Update <b>Michael F. Chiang, MD</b>
11:07 AM – 11:11 AM	J AAPOS Update <b>Kristina Tarczy-Hornoch, MD, DPhil</b>
11:11 AM – 11:15 AM	IPOSC Update <b>Jan Tjeerd de Faber, MD</b>
11:15 AM – 11:19 AM	AAPOS Meetings Update <b>Yasmin S. Bradfield, MD</b>
11:19 AM – 11:23 AM	Solar Eclipse 2024 Update <b>David L. Rogers, MD</b>

#### STRABISMUS – RETINOBLASTOMA – RETINOPATHY OF PREMATURITY

11:25 AM – 11:32 AM	Reoperation following Pediatric Eye Muscle Surgery <b>Melissa Li, MS</b>
11:32 AM – 11:39 AM	Reoperation after Unilateral Recess-Resect versus Bilateral Lateral Rectus Recessions for Intermittent Exotropia in a Randomized Clinical Trial <b>Sean P. Donahue, MD, PhD</b>
11:39 AM – 11:43 AM	DISCUSSION OF PREVIOUS PAPER <b>Burton J. Kushner, MD</b>

11:43 AM – 11:50 AM	Non-Absorbable Sutures use in Bi-Medial Rectus Recession and Bilateral Lateral Rectus Recession Improves Surgical Outcomes <b>Yair Morad</b>
11:50 AM – 11:57 AM	The Outcome of a Dissolvable Adhesion Barrier for Management of Adhesion in Strabismus Surgery <b>Michael C. Struck, MD</b>
11:57 AM – 12:04 PM	Dose Response Analysis of Vertical Central Plication <b>Yi Ning J. Strube, MD, MS, FRCSC</b>
12:04 PM – 12:08 PM	DISCUSSION OF PREVIOUS PAPER <b>Steven M. Archer, MD</b>
12:08 PM – 12:15 PM	Long Term Outcomes of the Intraoperative Relaxed Muscle Positioning Technique of Strabismus Surgery in Thyroid Eye Disease <b>Justin Muste</b>
12:15 PM – 12:22 PM	Single-Center, Long-Term, Real-World Outcomes of Intravenous and/or Intra-Arterial Chemotherapy for Retinoblastoma. Does it Last to 10 or 20 Years? <b>Carol L. Shields, MD</b>
12:22 PM – 12:29 PM	Efficacy of High-Saturation Oxygen Therapy to Prevent Progression of Late-Stage Retinopathy of Prematurity: A Retrospective Cohort Study <b>Robert J. Minturn</b>
12:29 PM – 12:36 PM	Effect of Intravitreal Aflibercept Versus Laser Photocoagulation for Retinopathy of Prematurity: Results from the Phase 3 BUTTERFLEYE Trial <b>Faruk H. Orge, MD</b>
12:36 PM – 12:40 PM	DISCUSSION OF PREVIOUS PAPER <b>J. Peter Campbell, MD, MPH</b>
12:40 PM – 12:47 PM	Quantifying Laser Burn Spots to Avascular Retina Post-Bevacizumab Treatment in Retinopathy of Prematurity Infants at Different Age Groups <b>Michelle T. Cabrera, MD</b>
12:47 PM – 1:00 PM	<b>PANEL DISCUSSION</b>
1:15 PM – 2:00 PM	Corporate Sponsored Symposium (No CME)

#### **RAPID FIRE MEDICAL STUDENT PAPER PRESENTATIONS**

2:15 PM – 3:30 PM	Moderators: <b>Hilda Capo, MD &amp; Angeline Nguyen, MD</b>
2:15 PM – 2:17 PM	Introduction <b>Hilda Capo, MD</b>
2:17 PM – 2:20 PM	Patient Education in Pediatric Ophthalmology: A Systematic Review <b>Tahvi D. Frank, MPH</b>
2:20 PM – 2:23 PM	Comparison of Pediatric Ophthalmology Coverage in the United States: 2007 vs. 2022 <b>Hannah L. Walsh</b>
2:23 PM – 2:26 PM	Association between Socioeconomic Status and Amblyopia Treatment Compliance <b>Thanvi Vatti</b>
2:26 PM – 2:29 PM	Low-Dose Atropine vs Peripheral Defocus Soft Contact Lenses for Myopia Control <b>Anna Mueller, BS</b>
2:29 PM – 2:32 PM	What Are Patients Asking Online About Strabismus? An Analysis of the Strabismus Subreddit <b>Parastou Pakravan</b>
2:32 PM – 2:35 PM	Depictions of Strabismus in Children's Animated Films <b>Jintong Liu</b>
2:35 PM – 2:38 PM	Physician Reimbursement for Strabismus Surgery versus Cataract Surgery across Provinces and Territories in Canada <b>Kaylin O'Hara</b>
2:38 PM – 2:41 PM	Correction of Co-Existing Small Angle Vertical Deviation by Horizontal Muscle Surgery <b>Urvi Gupta</b>
2:41 PM – 2:44 PM	Outcomes of Strabismus Surgery in Patients following Teprotumumab Therapy <b>Grant Hilliard</b>
2:44 PM – 2:47 PM	Trends in Ocular Injury in Children Two Years and Under from 2017 to 2021 in the United States <b>Muhammad Z. Chauhan, MS, MA</b>

2:47 PM – 2:50 PM	Pediatric Ocular Injury: Trends, Seasonality, and Burden from a Large Dataset at a Quaternary-Care Hospital <b>Blanche L. Kuo</b>
2:50 PM – 2:53 PM	Optical Coherence Tomography Angiography in Pediatric Glaucomas and Glaucoma Suspects <b>Namrata Kadambi</b>
2:53 PM – 2:56 PM	Characterizing Peripapillary Hyper-Reflective Ovoid Mass-like Structures (PHOMS) in Pediatric Patients with Optic Nerve Pathologies <b>Jacqueline Jeon-Chapman</b>
2:56 PM – 2:59 PM	Apparent Diffusion Coefficient (ADC) Differentiates Retinoblastoma from Coats Disease on MRI <b>Wendy Zhang</b>
2:59 PM – 3:02 PM	Semi-Automated Analysis of Dome-Shaped Macula in Premature and Full-Term Infants Using Handheld Swept-Source Optical Coherence Tomography <b>Joshua N. Dang</b>
3:02 PM – 3:05 PM	The Effect of Erythropoietin on Retinal Function in Children Born Prematurely <b>Lorena Sisera</b>
3:05 PM – 3:08 PM	Risk Factors for the Development of Retinopathy of Prematurity - A National Analysis <b>Nitish Sood, BS</b>
3:08 PM – 3:11 PM	Are Eyes with Nasal Location of Retinopathy of Prematurity at Initial Presentation More Likely to Eventually Require Treatment? <b>Nicole T. Nudelman</b>
3:11 PM – 3:14 PM	Retinopathy of Prematurity Screening: Prevalence and Risk Factors of Ophthalmic Complications in Non-Treated Preterm Infants <b>Jacob I. Strelnikov, BA</b>
3:14 PM – 3:17 PM	The Bile Acid-Gut Microbiome Axis and Retinopathy of Prematurity <b>Tommy Bui, BS</b>
3:17 PM – 3:20 PM	The Efficacy and Safety of Prophylactic Agents in the Prevention of Retinopathy of Prematurity: A Systematic Review and Meta-analysis <b>Abeer K. Alhindi</b>
3:20 PM – 3:23 PM	Effects of Improved Oxygen Management Practices and Technology on Management of Retinopathy of Prematurity in Sub-Saharan Africa - SIBA Phase 2 <b>Sarthak Shah, BS</b>
3:23 PM – 3:26 PM	Quantitative Comparison of Vessel Characteristics of Plus Disease Images Published in the International Classification of Retinopathy of Prematurity Over Time <b>Weiliang Wang, BS</b>
3:26 PM – 3:29 PM	Ocular Blood Flow Association with Retinopathy of Prematurity Disease Staging using Laser Speckle Contrast Imaging <b>Danielle Sidelnikov</b>
3:29 PM – 3:30 PM	Closing Remarks <b>Angeline Nguyen, MD</b>
3:45 PM – 4:45 PM	Corporate Sponsored Symposium (No CME)
5:00 PM – 6:00 PM	Corporate Sponsored Symposium (No CME)
6:30 PM – 10:00 PM	Closing Reception Featuring the Children's Eye Foundation of AAPOS Celebration

## **SUNDAY, APRIL 2, 2023**

6:30 AM – 10:40 AM	Registration
6:30 AM – 8:00 AM	Breakfast
6:30 AM – 7:30 AM	Poster Viewing (2 <sup>nd</sup> Set) (Authors not present) – CME eligible
7:30 AM – 8:00 AM	Poster Removal (2 <sup>nd</sup> Set)
7:30 AM – 9:00 AM	Difficult Problems – Non-Strabismus <b>Phoebe Lenhart; Julius Oatts; Tina Rutar; Melinda Chang; Eniolami Dosunmu; Kamiar Mireskandari; Kara LaMattina</b>
9:10 AM – 10:40 AM	Difficult Problems – Strabismus <b>William V. Good, MD; Steven Brooks, MD; Susan M. Carden; Linda Dagi, MD; Jane Edmond, MD; Evelyn Paysse, MD; David Plager, MD; Kristina Tarczy-Hornoch, MD</b>
10:40 AM	End of the 2023 Meeting

## Hard Board Posters

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

### First Set of Posters – Poster Session A

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

#### AMBLYOPIA

A1	Avoiding Bias in Randomized Clinical Trials for Amblyopia <b>Bryson N. Tudor</b>
A2	Natural Language Processing to Identify Amblyopia Patients in the Electronic Health Record <b>Michelle R. Hribar, PhD</b>
A3	Recovery from Amblyopia in Adulthood: A Meta-Analysis <b>Eric D. Gaier, MD, PhD</b>
A4	Parental Experience in Amblyopia Treatment and its Correlation with Visual Acuity Outcomes: A Pilot Study <b>Allison R. Bradee, MD</b>
A5	Perceptual Learning Improves Vision in Adults with Amblyopia and Nystagmus <b>Sigal Zmujack Yehiam, MD</b>
A6	Tailoring Amblyopia Treatment with Visually Evoked Potentials (VEPs) <b>Marco H. Ji, MD</b>
A7	Is Electrodiagnostic Testing Useful Following Treatment Failure or Suboptimal Outcome Post Amblyopia Management? A Retrospective Audit <b>Emily Robertson</b>

#### ANTERIOR SEGMENT

A8	Autism as a Cause of Nutritional Xerophthalmia <b>Samantha Marek, MD</b>
A9	Brittle Cornea Syndrome: Clinical Characteristics and Management <b>Betul N. Bayraktutar, MD</b>
A10	Corneal Neurotization as a Treatment for Neurotrophic Keratopathy Due to Congenital Causes <b>Charline S. Boente, MD, MS</b>
A11	Clinical Characteristics of Pediatric Keratoconus <b>Marybeth K. Farazdaghi, MD</b>
A12	Three-Year Outcomes of Corneal Collagen Cross-Linking under General Anesthesia in Pediatric and Developmental Delay Keratoconus Patients <b>Shreya Menon, AB</b>
A13	Outcomes of Surgical Excision for Complex Ocular Choristoma in Children <b>Larissa Gouvea</b>
A14	Technique for the Management of Extensive Ocular Surface Lipodermoid Involving the Cornea in Children <b>Elena Franco</b>
A15	Ciclosporin 1mg/ml Cationic Emulsion Reduces Need for Topical Corticosteroids in Vernal, Atopic and Blepharokeratoconjunctivitis <b>Annegret H. Dahlmann-Noor, MD, PhD</b>

#### CATARACT

A16	Socioeconomic Status and Visual Outcomes in Infantile Aphakia <b>Cigdem Ozturk</b>
A17	Assessing the Effect on Visual Quality in Pediatric Cataracts by the Use of a Novel Tool: Double Pass Aberrometer <b>Nur Azem</b>
A18	An Evaluation of the Prevalence of Systemic Conditions in Patients with Bilateral Congenital Cataracts <b>Erica Luse</b>
A19	Pathologic Calcification Contributes to the Formation of Pediatric Cataracts of Different Etiologies <b>Sarah H. Rodriguez</b>

A20	Mydriasis in Paediatric Cataract Surgery using Intracameral Solution <b>Jaspreet Sukhija, MD</b>
A21	Surgical Management and Outcomes of Persistent Fetal Vasculature <b>Nallely R. Morales-Mancillas, MD</b>
A22	The Rate of Emmetropization after Early Cataract Removal: A Comparison Between Eyes with PFV and Eyes with Simple Congenital Cataract <b>Ana Navarrete</b>
A23	A Model to Predict Refractive Shift After Ocular Growth in Children Undergoing Bilateral Cataract Surgery <b>Emily Y. Ye, MSCR</b>

## GENETICS

A24	Are Larger Panels better? An Analysis of Comprehensive Next-Generation Sequencing Multigene Panels for the Diagnosis of Inherited Ocular Conditions <b>Maria F. Villalba</b>
A25	Genetic Testing Identified Causative Variants in 20% of Early-Onset Bilateral Cataracts Cases <b>Erin D. Stahl, MD</b>
A26	Prevalence of Cerebrotendinous Xanthomatosis (CTX) Among Patients Diagnosed With Juvenile-Onset Idiopathic Bilateral Cataracts <b>Sharon F. Freedman, MD</b>
A27	Diagnostic Yield of Retinal Dystrophies in a Diverse Pediatric Population <b>Charles Miller</b>
A28	Clinical and Molecular Findings in Children with a Diagnosis of Blue Cone Monochromacy with Longitudinal Follow-up <b>Rommel Izaguirre Pereira, MD</b>
A29	Outcomes and Challenges of Voretigene Neparvovec Gene Therapy in the Paediatric Population <b>Elisabeth De Smit</b>
A30	Patau Syndrome and the Development of Retinal Detachments <b>Rachel Scott</b>
A31	Ophthalmic Features of CHARGE Patients Diagnosed with Cortical Visual Impairment <b>Jillian Eltzroth, MPH</b>

## GLAUCOMA

A32	Changes in Intraocular Pressure due to Body Position in Healthy Pediatric Population <b>Stephanie Suzanne S. Garcia, MD</b>
A33	Corneal Biomechanics and Endothelial Cell Characteristics in Pediatric Glaucomas and Glaucoma Suspects <b>Lauren Yoo</b>
A34	Long-Term Glaucoma-Related Adverse Events following Congenital Cataract Surgery at Age 1-6 Months with Intraoperative Intracameral Triamcinolone <b>Sonal Dangda, MBBS, MS (Ophthal)</b>
A35	Association between Vascular and Structural Parameters by Optical Coherence Tomography Angiography in Primary Congenital Glaucoma <b>Rosario Gomez de Liaño</b>
A36	Characterization of the Iris, Ciliary Body, and Anterior Segment Angles in Congenital Glaucoma using Ultrasound Biomicroscopy: A Case-Control Study <b>Radhika Gholap, BS</b>
A37	Bruch Membrane Opening Minimum Rim Width in Pediatric Glaucoma using Overhead-Mounted Spectral Domain Optical Coherence Tomography: A Pilot Study <b>Saraniya Sathiamoorthi</b>
A38	Virtual Reality Game-Based Automated Perimetry Performance in Healthy Children <b>Samuel Alvarez, MD</b>
A39	Retest-Variability of a Virtual Reality Perimeter in Children <b>Sylvia L. Groth, MD</b>
A40	Transient Narrow Angle Glaucoma of Prematurity: A Novel Glaucomatous Process in Premature Infants <b>Adam Jacobson, MD</b>
A41	Ocular Hypertension and Glaucoma in Pediatric Uveities <b>Tiffany A. Chen, MD</b>

## NEURO-OPHTHALMOLOGY – OPTIC NERVE

A42	Eye Tracking and Teller Acuity in Children with Cortical/Cerebral Visual Impairment (CVI) <b>Mark S. Borchert, MD</b>
A43	Relevance of MRI Imaging in Paediatric Ophthalmology <b>Ryad Adrar, MD</b>
A44	Sensorimotor Outcomes in Pediatric Patients with Dorsal Midbrain Syndrome <b>Marguerite C. Weinert, MD</b>
A45	Ocular Torsional Instability-A Neurodiagnostic Sign of Prenuclear Disease <b>Michael C. Brodsky</b>
A46	Longitudinal Clinical Features of Pediatric Hereditary Optic Neuropathy <b>Aaishwariya A. Gulani</b>
A47	Artificial Intelligence to Classify Fundus Photographs of Pediatric Pseudopapilledema and True Papilledema <b>Melinda Chang, MD</b>
A48	The Diagnostic Utility of Point-of-Care Ultrasound (POCUS) and Optical Coherence Tomography (OCT) for Papilledema in Children <b>Hannah H. Chiu</b>
A49	An Analysis of Papilledema Using an OCT Scan in the Pediatric Population <b>Abhinaya Bharath</b>
A50	Papilledema and Pseudopapilledema in Children: Vascular Density Analysis with OCT-Angiography <b>Hugo Bouvarel</b>
A51	Evaluation of Papilledema Versus Pseudopapilledema in Children <b>Kelsey T. Chen, DO</b>
A52	Papilledema Secondary to Idiopathic Intracranial Hypertension in Children with Optic Disc Drusen <b>Robert G. Tauscher, MD</b>

## NYSTAGMUS

A53	The Role of Enucleation in the Development of Nystagmus in Children with Retinoblastoma <b>Andrzej Olechowski</b>
A54	Genetic Testing for Initial Evaluation of Idiopathic Infantile Nystagmus <b>Alexis M. Flowers</b>
A55	Visual Outcomes and Clinical Features of Infants with History of Intrauterine Exposure to Drugs of Abuse (IUDE) and Nystagmus <b>Alexandra Sebren, MD</b>

## OCULOPLASTICS

A56	Ocular Involvement in Pediatric Rhabdomyosarcoma - A Single Center Review <b>Sybille Graef, MD</b>
A57	Facial Nerve Palsy in Children: Risk Factors for Severe Visual Loss and Exposure Keratopathy <b>Manju Bhate</b>
A58	Pediatric Ophthalmologic Outcomes of Marcus Gunn Jaw Winking Synkinesis <b>Sameera Nadimpalli</b>
A59	Frequency of Chalazion Surgery in Children First Treated with Oral Antibiotics <b>David I. Silbert</b>

## PRACTICE AND WORKFORCE MANAGEMENT

A60	Publication Rates for Abstracts Presented at the AAPOS Annual Meeting <b>Oscar A. Cruz, MD</b>
A61	Gender Representation in Pediatric Ophthalmology at the American Academy of Ophthalmology Annual Meeting from 2018-2022 <b>Lauren Hucko</b>
A62	Pediatric Chief Medical Officer/ Medical Director Perspectives on the Role of Pediatric Ophthalmologists in their Hospital <b>Arsalan A. Ali</b>
A63	Discrimination, Bullying and Sexual Harassment Experienced by Pediatric Ophthalmologists <b>Angeline M. Nguyen, MD</b>

- A64      Edutainment Videos for Teaching Pediatric Ophthalmology and Strabismus to Medical Students and Residents: A Pilot Study  
**Joy Li, AB**

#### **PRACTICE MANAGEMENT – PUBLIC HEALTH**

- A65      At-Home Pupil Dilation During the COVID-19 Pandemic in the Pediatric Population  
**Rina Su, MD**
- 
- A66      Patient Characteristics Associated with Telemedicine Utilization in Pediatric Ophthalmology Visits During the COVID-19 Pandemic  
**Jenay Yuen**
- 
- A67      Socioeconomic Analysis of Pediatric Closed-Globe Injuries at a Quaternary Care Hospital  
**Melissa Yuan, MD**
- 
- A68      An Analysis of Pediatric Ophthalmology Content on Instagram  
**Rucha K. Borkhetaria, BS**
- 
- A69      Social Media and the Strabismus Surgery Experience  
**Tiffany Eatz**
- 
- A70      Characterization of Strabismus in the Veteran Health Administration System  
**John H. Lillvis**
- 
- A71      Evaluation of Publicly Available Online Source Material for Amblyopia  
**Sarah McCord, MD**

#### **REFRACTIVE ERROR**

- A72      Evolution of Myopia in Children with Stickler Syndrome  
**Matthieu P. Robert**
- 
- A73      Effect of COVID-19 Lockdown on Myopia Progression of School-aged Children: A Retrospective Chart Review  
**Dalia El Hadi, MD**
- 
- A74      Pediatric Myopia Prevalence Before and After the Initial COVID-19 Pandemic  
**Eva Teng**
- 
- A75      Myopia Control with Extended Depth of Focus Multifocal Contact Lenses  
**Carolyn R. Lederman, MD**
- 
- A76      Myopia Control - A Retrospective Analysis of Low-Dose Atropine and Peripheral Defocus Contact Lenses at an Urban Academic Institution  
**Noreen Shaikh, OD**

#### **RETINA**

- A77      Peripheral Hemorrhagic Detachment of the Internal Limiting Membrane in Abusive Head Trauma  
**Adam Rockter, BS**
- 
- A78      The Effect of Erythropoietin on the Macular Structural and Vascular Characteristics in Children Born Prematurely  
**Brida M. Jeltsch, MD**

#### **RETINOBLASTOMA**

- A79      Visual Function and Quality of Life of Retinoblastoma Survivors  
**Jacob Wise**
- 
- A80      Staging Mexican Retinoblastoma Patients Using the Updated TNM Classification  
**Eduardo Camacho- Martinez**
- 
- A81      Histologic Findings in Retinoblastoma with Magnetic Resonance Imaging Detected Post-Laminar Optic Nerve Invasion  
**Chanyanut Phlaiphichit, MD**

#### **RETINOPATHY OF PREMATURITY**

- A82      Validation of a Published Model to Reduce Duration of Retinopathy of Prematurity Screening  
**Kelly L. Ruland, MD**

A83	Incidence and Implications of Retinopathy of Prematurity Outside Gestational Age and Birthweight Screening Criteria in a Single Metropolitan Area <b>William Johnson, MD</b>
A84	Application of the Postnatal Growth and Retinopathy of Prematurity (G-ROP) Screening Criteria in the Tertiary Hospital in Bangkok, Thailand <b>Chavisa Bunyavee, MD</b>
A85	Retrospective Evaluation of G-ROP and CO-ROP Screening Algorithms in University of Pittsburgh Medical Center Cohort <b>Meghal Gagrani</b>
A86	Artificial Intelligence-Assisted Detection of Referral-Warranted Retinopathy of Prematurity Using Smartphone-Based Retinal Fundus Cameras <b>Aaron S. Coyner</b>
A87	Monitoring Changes in Retinopathy of Prematurity Severity in South India Using Artificial Intelligence <b>John P. Campbell</b>
A88	Comparison of Two Smartphone-Based Imaging Technologies with Widefield Fundus Imaging for Telemedicine in Retinopathy of Prematurity <b>Benjamin K. Young</b>
A89	Association of Device Measured Fibrovascular Ridge Thickness and Clinical Disease Stage in Retinopathy of Prematurity <b>Susan R. Ostmo, MS</b>
A90	Cost-Effectiveness of Addressing Retinopathy of Prematurity in an African Country <b>Connor J. Alder</b>
A91	Pain and Stress Responses During Retinopathy of Prematurity Screening: Non-Contact Laser Speckle Contrast Imaging versus the Standard of Care <b>Urjita Das</b>

## STRABISMUS

A92	Comparison of the Timeliness of Diagnosis and Treatment of Strabismus Based on Race and Preferred Language <b>Emily A. McCourt, MD</b>
A93	Comparison of Reading Speed in Patients with Strabismus without Amblyopia versus Controls <b>Vishaal Bhambhwani, MD</b>
A94	But Doctor, Will I Be Able to Drive? <b>Nicole M. Jody, MD</b>
A95	Strabismus Detection and Telemedicine <b>Rachel L. Spurrier, DO</b>
A96	A Free Software for Measurement of Horizontal Angle of Strabismus Using Digital Pictures <b>Chloe Couret</b>
A97	Association of Strabismus with Neurodevelopmental Disorders Among Pediatric Patients <b>Sara Emami, MSc</b>
A98	The Incidence, Clinical Features, and Management of Essential Infantile Esotropia in the United Kingdom <b>Patrick Watts</b>
A99	Evaluation of Factors related to Decompensation in Initially Well Aligned Patients with Accommodative Esotropia <b>Osama Al Deyabat, MBBS</b>

## STRABISMUS SURGERY

A100	Can Residents Develop Basic Strabismus Surgery Competencies without Any Face-to-Face Teaching? <b>Rebecca L. Jones</b>
A101	Strabismus Surgery Simulation Study: Review of the Literature and Comparative Anatomical Study of Eyes used for Strabismus Surgery Simulation <b>Lisa S. Thompson, MD</b>
A102	Simplified Approach to Amniotic Membrane for Restrictive Strabismus Associated with Conjunctival Scarring and Loss of Fornix <b>Chelsea L. Reighard, MD</b>
A103	Single Minimal Conjunctival Incision for Rectus Muscles <b>Jaime Tejedor</b>

A104	Early Successful Strabismus Surgery May Decrease the Risk of Anxiety and Depression in Teenagers <b>Hal R. Schwartzstein</b>
A105	Correlation of Goal-Determined Metric and Patient Satisfaction with Strabismus Surgery Outcomes <b>Linda R. Dagi, MD</b>
A106	Patient Satisfaction with Strabismus Surgery Postoperative Care via Telemedicine <b>Luisa M. Hopker</b>
A107	Evaluating Surgical Outcomes and Associated Risk Factors in Infantile Esotropia <b>Nadia Abbass, MA</b>
A108	Risk Associations and Surgical Outcomes in a Retrospective Study of Divergence Insufficiency Esotropia <b>Brandon Kennedy, MD</b>
A109	Exploring the Need for Correction Factors with Bilateral Medial Rectus Recession in Combination with Oblique Muscle Involvement in Esotropic Patients <b>Neha Sharma</b>
A110	Medial Rectus Posterior Fixation Suture Reduces the Angle of Esotropia at Distance and Near <b>Moustafa S. Abdelhafez, FRCS, MD</b>
A111	The Long-Term Surgical Outcomes of Esotropic Duane Retraction Syndrome Type 1 <b>Jihae Park, MD</b>
A112	Early Surgery for Acquired Non Accommodative Esotropia <b>David Barnes, MD</b>
A113	Early Post-Operative Angle as a Predictor of Surgical Success in Patients with Intermittent Exotropia <b>Surinder S. Dosanjh</b>
A114	Surgical Outcomes of Medial Rectus Plication Versus Resection in the Treatment of Exotropia <b>Andrew Fischer, MD</b>
A115	Evaluation of True Muscle Transplant versus Novel Hang Back Recession in Extra-Large Angle Exotropia: A Randomised Comparative Clinical Trial <b>Amar Pujari, MD</b>
A116	Outcomes for Two-Muscle Surgery in Large-Angle and Very Large-Angle Exotropia <b>David D. Chong</b>

#### VISION ASSESSMENT – VISION SCREENING

A117	Evaluation of Distance Stereoacuity in Children Aged 4-17 Years with a Novel Digital Application <b>Guy Barnett-Itzhaki, CO</b>
A118	A Novel Pediatric Eye Test to Assess the Visual Function in a Global Manner: A Prospective Study <b>Nikolaos Kozeis, MD, PhD</b>
A119	Validation of Cloudscaper Optotypes versus LEA Symbols for Virtual Visual Acuity Measurement in Children 3 to 16 Years Old <b>Cristiana Ronconi, MD</b>
A120	Utility of the Red Reflex Test for Detecting Ophthalmic Pathology in the Pediatric Population <b>Monica Manrique</b>

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

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

#### AMBLYOPIA

B1	IoT Patch with Built-In Micro-Sensor: Real-Time Monitoring of Occlusion Therapy <b>Songa Che</b>
B2	Binocular Treatment for Amblyopia: A Meta-Analysis of Randomized Clinical Trials <b>Matilde Roda</b>
B3	Oculomotor Abnormalities and Contrast Balanced Dichoptic Treatments in Amblyopia <b>Fatema Ghasia</b>
B4	Factors Associated with Visual Acuity Improvement with a Binocular Digital Therapeutic for Amblyopia <b>Isdin Oke</b>
B5	Optical Coherence Tomographic Angiography-Based Retinal Vascular Density Changes at the Macula in Children with Unilateral Amblyopia <b>Gorka Sesma, MD</b>

## ANTERIOR SEGMENT

B6	Scleral Lens Visual Rehabilitation After Selective Endothelial Removal in Peters' Anomaly <b>Lucie B. Moore</b>
B7	Exposure Keratopathy in Hospitalized Patients at a Tertiary Care Children's Hospital <b>Leyla Yavuz Saricay</b>
B8	Rise in The Incidence of Pediatric Severe Blepharokeratoconjunctivitis During The COVID-19 Pandemic <b>Asim Ali</b>
B9	Blepharokeratoconjunctivitis Outcomes in Children <b>Kamiar Mireskandari</b>
B10	Preliminary Outcomes of Cyclosporine Ophthalmic Emulsion 0.05% Use in Pediatric Blepharokeratoconjunctivitis <b>Tiffany L. Huang, MD</b>
B11	Efficacy of Cyclosporine A Cationic Emulsion (CsA CE) in Patients with Vernal Keratoconjunctivitis (VKC) not Needing Rescue Medication: Pooled VEKTIS <b>Kara M. Cavuoto, MD</b>
B12	Usability of Delivery Aid for Vernal Keratoconjunctivitis Single-Dose Treatment <b>Keyla N. Lebron, MD, MMed</b>
B13	Clinical Outcomes in Pediatric Tubulointerstitial Nephritis and Uveitis Syndrome (TINU) - A Multicenter Review <b>Mallory Mandel, MD, MPH</b>
B14	Comparison of Uveitis Incidence by Medication in Juvenile Idiopathic Arthritis and Implications for Screening <b>Brenda L. Bohnsack</b>
B15	Leukemic Relapse in the Anterior Segment of the Eye: A Systematic Review & Meta Analysis <b>Nathan J. Brown, BS</b>
B16	Characterization of the Anterior Eye in Trisomy 21 Patients <b>Esther M. Xu</b>

## CATARACT

B17	A Comparison of Aphakic Contact Lenses in Children - 1 Year Follow Up Data <b>Magdalena Stec, OD</b>
B18	Primary Iris Claw Intraocular Lens Implantation in Children <b>Claudia Castro, MD</b>
B19	IOL Calculation in Pediatric Cataract with Immersion Ultrasound and SRK/T Formula in a Mexican Population <b>Yordan R. Miranda-Cepeda</b>
B20	Surgical and Visual Outcomes of Lensectomy with and without IOL Implantation in Microspherophakia: A Retrospective Analysis <b>Jylan Gouda, MD</b>
B21	Safety of Simultaneous Bilateral Intraocular Surgery in Pediatric Patients: Long-Term Outcomes <b>Serena Wang, MD</b>
B22	Incidence and Risk Factors of Retinal Detachment after Pediatric Cataract Surgery (A Tertiary Center Model) <b>Heba Fouad</b>
B23	Prevalence of Retinal Detachment in Pediatric Cataract Population <b>Malack Hamade</b>
B24	Risk Factors for Endophthalmitis after Pediatric Cataract Surgery Using Insurance Claims Database <b>Lindsay Y. Chun, MD</b>
B25	Glaucoma following Infantile Cataract Surgery <b>Bharti R. Nihalani-Gangwani, MD</b>

## GENETICS

B26	Intravitreal Cerliponase Alfa for the Treatment of Neuronal Ceroid Lipofuscinosis Type 2 (CLN2) Related Retinal Dystrophy: A First in Man Report of Ocular Enzyme Replacement <b>Ana Catalina Rodriguez Martinez, MD</b>
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B27	NPHP1-Related Ciliopathies: A New Case and Major Review of the Ophthalmic Manifestations of 147 Reported Cases <b>Shivania Reddy</b>
B28	The Frequency and Specificity of Choroidal Nodules in Ocular Coherent Tomography (OCT) in Neurofibromatosis -1 (NF-1) Patients Compared to Controls <b>Aarti Vyas, CO</b>
B29	Ophthalmic Features of Lamb-Shaffer Syndrome <b>Yoav Glidai</b>
B30	Chorioretinal Lesions in Chronic Granulomatous Disease <b>Denis Georgelin</b>
B31	The Role of Genetic Testing in Avoiding Diagnostic Delays in Inherited Retinal Disease <b>Arth H. Shah</b>
B32	Visual Performance in Children with Albinism During the Second Decade of Life <b>Claudia Yahalom</b>
B33	Expanding the Spectrum of Oculocutaneous Albinism: Does Isolated Foveal Hypoplasia Really Exist? <b>Giacomo M. Bacci</b>

### GLAUCOMA

B34	Cost Analysis of Childhood Glaucoma Surgeries <b>Abdelrahman M. Elhusseiny</b>
B35	Demographics and Surgical Outcomes in Sturge-Weber Syndrome (SWS) Associated Glaucoma (SWS-glaucoma) in the Academy IRIS® Registry <b>Karen E. Lee, MD</b>
B36	Microcatheter-Assisted Circumferential Trabeculotomy in Primary Congenital Glaucoma: Long-Term Clinical Outcomes <b>Natalie di Geronimo</b>
B37	Long-Term Outcomes of Ahmed Valve Capsulectomies in Pediatric Glaucoma Patients <b>Sharmila Segar, MD</b>
B38	Outcomes of Ab-Externo Microshunt Implantation in the Management of Complex Paediatric Glaucoma <b>Panagiota Antonopoulou</b>
B39	The Outcomes of Glaucoma Drainage Devices in Childhood Glaucoma: A Meta-Analysis <b>Jamal O. Azhari</b>
B40	Long-Term Outcomes of Aurolab Aqueous Drainage Implant (AADI) vs Ahmed Glaucoma Valve (AGV) in Pediatric Patients: A Retrospective Study <b>Abdullah M. Khan</b>
B41	Long Term Follow-up of Pediatric Eversional Angle Closure with Headache (PEACH) Syndrome Following Laser PI <b>Luke A. Donahue, MTS</b>
B42	The Use of Ologen Collagen Matrix in Combination with XEN Microstent for the Treatment of Glaucoma in Pediatrics: A Retrospective Case Series <b>John Musser, MPH</b>

### NEURO-OPHTHALMOLOGY – OPTIC NERVE

B43	Retinal Findings in Pediatric Idiopathic Intracranial Hypertension <b>Michael T. Curley, MD</b>
B44	Analysis of Pediatric Idiopathic Intracranial Hypertension at a Tertiary Care Hospital: Features and Management <b>Katherine S. Wood, MD</b>
B45	An Analysis of Presenting Features and Visual Outcomes for Paediatric Patients with Idiopathic Intracranial Hypertension in a Single British Centre <b>Robert Thomas Brady</b>
B46	Optical Coherence Tomography and Optical Coherence Tomography Angiography Findings in Optic Disc Hypoplasia <b>Min Chae Kang</b>
B47	Single-Line Macular Optic Coherence Tomography (OCT) to Diagnose Optic Neuropathies in Young, Awake Children <b>Sarah Madison Duff</b>

B48	Design and Implementation of a Screening Protocol to Improve Diagnosis of Visual Sequelae in Children with Primary Brain Tumors <b>Lauren C. Mehner, MD</b>
B49	Visual Acuity at 20% Contrast and its Correlation with Optic Nerve Atrophy in Children and Young People Diagnosed with Brain Tumours <b>Magnus Theodorsson</b>
B50	Clinical and Radiologic Findings in Patients with Morning Glory Disc Anomaly and Associated Optic Pathway Enlargement <b>Paul H. Phillips</b>
B51	Characteristics of Optic Papillitis in Pediatric Uveitis <b>Lindsay Rothfield, MD</b>
B52	Peripapillary Hyperreflective Ovoid Mass-like Structures (PHOMS) in Children: Optical Coherence Tomography Measurements and Refractive Status <b>Luke Pratt</b>

### NYSTAGMUS

B53	Globe Stabilization in Acquired Nystagmus using a Titanium T-Plate <b>Smith Ann M. Chisholm, MD</b>
B54	Surgery for Acquired Nystagmus in Patients with Cerebellar Dysfunction <b>Ahmad Halawa</b>
B55	Chiasmal Misrouting in Infantile Nystagmus Syndrome(INS): Phenotypes in Patients with Molecular Diagnoses <b>Michael James Gilhooley, MB, PhD, FRCOphth</b>
B56	Global Prevalence and Epidemiological Characteristics of Infantile Nystagmus: A Systematic Review and Meta-Analysis <b>Yawen Xiang, MBChB</b>
B57	Does Spasmus Nutans Really Exist? <b>Salma A. Dawoud, MD</b>

### OCULOPLASTICS – NASOLACRIMAL DUCT OBSTRUCTION

B58	Cutaneous Lower Eyelid Retractor Release (CLERR): A Simple Method to Avert Lower Lid Malposition After Inferior Rectus (IR) Muscle Recession <b>Joseph L. Demer, MD, PhD</b>
B59	Frontalis Flap Advancement versus Frontalis Sling in the Management of Congenital Blepharoptosis <b>Rania El Essawy</b>
B60	Outcomes of Levator Resection for Congenital Ptosis with Poor Levator Function <b>Jenny C. Dohlman</b>
B61	Anisometropia in a Population-Based Cohort of Children with Nasolacrimal Duct Obstruction <b>Maude Anderson, MD, FRCSC</b>
B62	Safety and Efficacy of Nasolacrimal Duct Stenting Outside of the Operating Room- Comparing Three Types of Stents <b>Adriana P. Grigorian, MD</b>
B63	Comparing Extrusion Rates and Post-Operative Emergency Visits between Tied and Untied Silicone Stents in Pediatric Lacrimal Surgery <b>Sarah M. Kamal, MD</b>

### PRACTICE MANAGEMENT – PUBLIC HEALTH

B64	Demographic Barriers to Subspecialty Care in Patients with Juvenile Idiopathic Arthritis <b>Rebecca G. Edwards Mayhew</b>
B65	Increasing Pediatric Eye Care Access in the United States: Pilot Results from the All Children See Program <b>Bani Antonio-Aguirre, MD, MPH</b>
B66	Cost Analysis of a School-Based Vision Program in an Urban, High-Poverty School District <b>Megan E. Collins</b>
B67	Protective Eyewear in Children with an Impaired Monocular Vision: Compliance and Trends <b>Tal Yahalomi</b>
B68	Protective Eyewear Reduces Retinal Damage in Sports Trauma <b>Matthew Lam</b>

B69	Use of the World Health Organization Primary Eye Care Protocol to Investigate the Ocular Health Status of School Children in Rwanda <b>Alex V. Levin</b>
B70	Parental Attitudes Toward Myopia Management <b>Emi Lin Luo</b>
B71	Ophthalmic Outcomes in Children with In-Utero Drug Exposure <b>Salvatore Bellante, CO, MS</b>
B72	Role of Prenatal Imaging in the Identification of Congenital Ocular Anomalies: A Systematic Review <b>Taylor D. Kolosky</b>

#### REFRACTIVE ERROR

B73	Association of Refractive Error with Bruch's Membrane Opening and Gamma and Delta Parapapillary Zone among Progressive High Myopic School-aged Children <b>Rohit Saxena, MD</b>
B74	Prevalence of Pediatric Astigmatism in the Navajo Nation <b>Jenna L. Jensen, BS</b>
B75	Longitudinal Development of Ocular Biometric Components and Refractive Error in Children with Infantile ET vs Late-onset Accommodative ET <b>Jingyun Wang</b>

#### RETINA

B76	Outcome of Ocular Toxoplasmosis in Children and Adolescents <b>Alice M. Kitay</b>
B77	Characterizing Myelinated Retinal Nerve Fibers in Patients With and Without Myopia and Amblyopia <b>Mary K. Munsell</b>

#### RETINOBLASTOMA

B78	A Phase I Study of Episcleral Topotecan Plaque for Retinoblastoma <b>Aparna Ramasubramanian</b>
B79	Long Term Efficacy of Intravitreal Melphalan Chemotherapy for Vitreous Seeding in Retinoblastoma <b>Ghaida Alahmadi</b>
B80	Direct Medical Costs of Globe Preservation in Patients with Group C-E Retinoblastoma <b>Jennifer L. Rossen, MD</b>

#### RETINOPATHY OF PREMATURITY

B81	Persistent Retinopathies of Prematurity after 40 Weeks Corrected Age <b>Melissa Santorini</b>
B82	Association between Treatment for Retinopathy of Prematurity and Blood Monocyte Counts <b>Shumpei Obata</b>
B83	A Comparison of Efficacy between Intravitreal Bevacizumab versus Ranibizumab for Type 1 Retinopathy of Prematurity <b>Laura E. Andaluz-Scher, MD</b>
B84	Use of anti-Vascular Endothelial Growth Factor (antiVEGF) in the Treatment of Retinopathy of Prematurity (ROP), A Systematic Review and Meta-Analysis <b>Sankha Udakumbura</b>
B85	Atypical Reactivation of Retinopathy of Prematurity Six Years after Bevacizumab Intravitreal Injection <b>Anas Yasin</b>
B86	Refractive Outcomes of ROP Treated with Laser Photocoagulation, Bevacizumab, and Combination Therapy <b>Margaret M. Reynolds, MD</b>
B87	Maternal and Neonatal Factors Associated with More Severe Retinopathy Of Prematurity <b>Lauren Young, MD</b>
B88	Changing Fields of View: Perceived Plus Disease Severity using the New ICROP3 Definition <b>David A. Ramirez, MD</b>

#### STRABISMUS – EXTRAOCULAR MUSCLES

B89	Objective Assessment of Control Compared with Clinical Triple Office Control Score in Children with Intermittent Exotropia <b>Eileen E. Birch</b>
B90	Assessment and Management of Intermittent Exotropia in France: An AFSOP Study <b>François Audren</b>
B91	Refractive and Sensorimotor Outcomes of Intermittent Exotropia Managed with Overminus Glasses <b>Sudhi P. Kurup, MD</b>
B92	Clinical Features and Analysis of Spontaneous Consecutive Exotropia in Children with Refractive Accommodative Esotropia <b>Aysel Pelit, MD</b>
B93	Restoration of Binocular Vision with Liquid Crystal Glasses <b>Satenik Agagulyan</b>
B94	A Chip Off the Old Block – Slab-Off Prism for Symptomatic, Vertical Heterophoria in the Reading Position <b>Alex Christoff, CO</b>
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