

American Association for Pediatric Ophthalmology and Strabismus

48th 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 – 8:00 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 Eric A. Packwood, MD; Traci Fritz Separate Registration/Fee
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
4:00 PM – 5:00 PM	OMIC Workshop OMIC's Strabismus Claims – New Concerns Robert S. Gold, MD & Robert E. Wiggins, MD
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 – 8:05 AM	Introduction and Welcome David K. Wallace, MD, MPH
8:05 AM – 8:20 AM	AAPOS President's Remarks, Honor Awards, Senior Honor Awards, Lifetime Achievement Awards Robert S. Gold, MD
8:20 AM – 8:25 AM	Introduction of Costenbader Lecture Arlene V. Drack, MD
8:20 AM – 8:50 AM	Costenbader Lecture What We Have Learned from the Infant Aphakia Treatment Study Scott R. Lambert, MD
8:50 AM – 8:53 AM	Presentation Ceremony Pamela E. Williams, MD

CATARACT – ANTERIOR SEGMENT – NASOLACRIMAL

8:55 AM – 9:02 AM	Frequency and Type of Strabismus 5 Years Following Lensectomy for Pediatric Cataract Katherine A. Lee, MD
9:02 AM – 9:09 AM	Objective Assessment And Quantitative Analysis of Pediatric Cataracts Using Optical Coherence Tomography: Correlation With Clinical Findings Savleen Kaur, MD
9:09 AM – 9:16 AM	Factors Associated with Visual Acuity 5 Years Following Lensectomy for Infantile Cataract Michael X. Repka, MD, MBA
9:16 AM – 9:23 AM	Standard Monofocal Intraocular Lenses Versus Enhanced Monofocal Intraocular Lenses for Children 6-13 Years Old with Pediatric Cataract Shaza Elzawahry, MD
9:23 AM – 9:27 AM	DISCUSSION OF PREVIOUS PAPER M. Edward Wilson, MD
9:27 AM – 9:34 AM	Anterior Chamber Iris-Claw Intraocular Lens Implantation for Aphakia in Children with Ectopia Lentis in Marfan Syndrome Marije Sminia
9:34 AM – 9:41 AM	Anatomical and Functional Outcomes of Rotational Autokeratoplasty in Children: A Multicenter Retrospective Study Priscille de Laage de Meux, MD
9:41 AM – 9:48 AM	Probing and Irrigation versus Primary Nasal Endoscopy for the Treatment of Congenital Dacryocystoceles Tessnim R. Ahmad, MD
9:48 AM – 10:05 AM	PANEL DISCUSSION

10:05 AM – 11:05 AM	Interactive Poster Session – Author Presentation and Q/A 1st Set of Posters (A1-A120) – Authors Present – CME eligible (Odd Numbered Posters 10:05 – 10:40; Even Numbered Posters 10:30 – 11:05)
11:10 AM – 11:25 AM	Presentation of Parks Medals & Children's Eye Foundation of AAPOS Update Pamela E. Williams, MD & Bradley C. Black, MD
11:25 AM – 11:30 AM	Introduction of the Helveston Lecture Daniel J. Karr, MD, FAAO, FAAP
11:30 AM – 11:50 AM	Helveston Lecture How Research is Evolving the 21 st Century Practice of Pediatric Ophthalmology Michael F. Chiang
11:50 AM – 11:53 AM	Presentation Ceremony David A. Plager, MD

AMBLYOPIA – VISION SCREENING – GENETICS

11:55 AM – 12:02 PM	Ethnic Disparity in Timing of Amblyopia Diagnosis Daniel A. Greninger, MD
12:02 PM – 12:09 PM	Randomized Clinical Trial of Binocular Contrast-Rebalanced Dichoptic Cartoons versus Patching for Treatment of Amblyopia in Children Aged 3 to 5 Years Reed M. Jost, MS
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 Tamara Wygnanski-Jaffe, MD
12:16 PM – 12:20 PM	DISCUSSION OF PREVIOUS PAPER Eileen Birch, PhD
12:20 PM – 12:27 PM	A Multicentre Randomized Controlled Trial Comparing Patching for Amblyopia with and without Extended Optical Treatment Irene Gottlob
12:27 PM – 12:34 PM	Failed Vision Screenings and Childhood Refractive Errors: When Do We Actually Prescribe Glasses? Yoon H. Lee, MD
12:34 PM – 12:41 PM	Ocular Biometric Parameters Changes and Choroidal Vascular Abnormalities in Patients with Neurofibromatosis Type 1 Evaluated by OCT-A Aldo Vagge, MD, PhD
12:41 PM – 12:48 PM	Foveal Hypoplasia Grading in 95 Cases of Congenital Aniridia: Correlation to Phenotype and PAX6 Genotype Alejandra Daruich
12:48 PM – 1:05 PM	PANEL DISCUSSION
1:15 PM – 2:00 PM	AAPOS Business Meeting
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 Charolte Gore, MD; Karen E. Lee, MD, MS; Leonard B. Nelson, MD; Eric A. Packwood, MD
3:30 PM – 5:00 PM	Building Blocks of Documentation and Coding in the Pediatric Ophthalmology Practice Heather Dunn, COA, OCS, OCSR; Traci Fritz, COE; Eric A. Packwood, MD
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 st 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 Melinda Chang; Sharon Lehman; Richard Legge; Veeral Shah
	Advanced and Innovative Techniques Managing Strabismus from Orbital Trauma Linda R. Dagi, MD; Seyhan B. Ozkan, MD; Eric D. Gaier, MD, PhD; Federico G. Velez, MD; Hilda Capo, MD

What's New and Important in Pediatric Ophthalmology

**Emily McCourt; Eunice Kohara; Smith Ann Chisholm; Herse Varma;
Lauren Mehner; Casey Smith; Catherine Choi; Robert Tauscher;
Alex Khammar; Grace Wang**

Intraoperative Cataract and Anterior Segment Dilemmas: Cases with Expert Opinions
Azam Qureshi; Ken Nischal; Edward Wilson; Sarah Eppley

WORKSHOPS – SESSION B

8:30 AM – 9:45 AM	How to Use Posterior and Anterior OCT and OCT Angiography in Your Clinical Practice Yasmin Bradfield; Savleen Kaur; Mays El-Dairi; Ken Nischal
	Controversies in Pediatric Eye Trauma: An Evidence-Based Topic Debate and Discussion 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; Natalie C. Weil, MD; Marguerite C. Weinert, MD
	AOC/AAPOS Joint Workshop: Thinking Outside the BOTOX: A Tribute to Alan Scott 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
	Pharmapalooza 2023: Drug Updates for the Pediatric Ophthalmologist Tammy L. Yanovitch, MD, MHSc; Maria Lim, MD; Emily Zepeda, MD; Sawyer Vaclaw, BS; R. Michael Siatkowski, MD, MPH
	Novel Strabismus Surgery Techniques – A Hands-On Lab <i>(separate registration in March 2023 – limited to 50 participants)</i> Kenneth W. Wright, MD; Yi Ning Strube, MD; Rebecca Leenheer, MD; Lisa Thompson, MD; Cem Mocan, MD
9:45 AM – 10:30 AM	Refreshment Break and Exhibit Viewing

WORKSHOPS – SESSION C

10:30 AM – 11:45 AM	YAAPOS Rapid Fire Cases 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
	Myopia and Amblyopia are Common Diagnoses in Pediatric Ophthalmology Practice. When Should You Suspect More? Alina V. Dumitrescu, MD; Arif O. Khan, MD; Matthew Weed, MD; Janice Zeid, MD; Jaime Tejedor, MD; Kathryn M. Haider, MD; Robert K. Koenekoop, MD, PhD; Arlene V. Drack, MD; Jefferson Doyle
	AAP Workshop: Transition of Care - Why? When? How? Gregg T. Lueder, MD; Mary Louise Collins, MD; David Epley, MD; Dan Karr, MD; Alex V. Levin, MD; Sheryl Menacker, MD
	Evaluation and Treatment of Ocular Torsional Diplopia Jon Peiter Saunte; Sara Flodin; Jonathan M. Holmes; Pradeep Sharma; Stacy Pineles; Federico Velez
11:30 AM – 12:00 PM	Poster Removal (1 st Set)
12:00 PM – 1:00 PM	Corporate Sponsored Symposium (No CME)

WORKSHOPS – SESSION D

1:15 PM – 2:30 PM	Myopia Control: Bringing Near-sighted Treatment into Focus Brenda Bohnsack; Rahul Bhola; David Epley; Magdalena Stec; Allison Summers; Noreen Shaikh
	Oculoplastics for the Pediatric Ophthalmologist Smith Ann Chisholm, MD; Daniel Weaver, MD; William Katowitz, MD; Heather Stiff, MD; Jenny Dohlman, MD

How (Not) to Manage Pediatric Uveitis: Lessons Learned from Complicated Cases
Stefanie L. Davidson, MD; Kara C. LaMattina, MD; Jennifer Jung, MD; Erin Stahl, MD; Bharti Gangwani, MD; Melissa Lerman, MD; Mays El-Dairi, MD

IPOSC Workshop: Surprises in Pediatric Ophthalmology & Strabismus: Cases with a Twist
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

WORKSHOPS – SESSION E

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

GLAUCOMA – NEURO-OPHTHALMOLOGY – REFRACTIVE ERROR

8:00 AM – 8:01 AM	Introduction of the Gunter K. von Noorden Young Investigator Paper Stacy L. Pineles, MD
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 Ta Chen Peter Chang, MD
8:09 AM – 9:10 AM	Presentation Ceremony Mohamad S. Jaafar, MD
8:10 AM – 8:17 AM	Risk Factors for Glaucoma Diagnosis and Surgical Intervention following Pediatric Cataract Surgery in the IRIS® Registry Daniel M. Vu, MD
8:17 AM – 8:24 AM	Impact of Socioeconomic Factors on the Outcomes of Childhood Glaucoma Deborah K. VanderVeen
8:24 AM – 8:31 AM	Ocular Surface Disease in Childhood Glaucoma Abid A. Haseeb, MD
8:31 AM – 8:38 AM	Pilot Study Comparing a New Virtual Reality-Based Visual Field Test to Standard Perimetry Yeabsira Mesfin
8:38 AM – 8:45 AM	Performance of a Novel Virtual Reality Automated Perimetry in Patients with Pediatric Glaucoma Bo Wang
8:45 AM – 8:51 AM	DISCUSSION OF TWO PREVIOUS PAPERS Gena Heidary
8:51 AM – 8:58 AM	One Year Results of Gonioscopy-Assisted Transluminal Trabeculotomy versus Two-Site Rigid-Probe Trabeculotomy in Primary Congenital Glaucoma Hala ElHilali, MD

8:58 AM – 9:05 AM	Analysis of Ganglion Cell Thinning in Paediatric Papilledema- At What Point Does Visual Function Become Affected? Andy H. Malem
9:05 AM – 9:12 AM	Predicting Visual Acuity and Myopic Changes in Children Wearing Glasses with a Photoscreener Sandra Guimaraes, MD, PhD
9:12 AM – 9:19 AM	Rebound Effect in Gradual vs. Prompt Cessation of Atropine 0.01% treatment for Childhood Myopia Asaf Shemer
9:19 AM – 9:23 AM	DISCUSSION OF PREVIOUS PAPER Amy K. Hutchinson, MD
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 Vinay Gupta
9:30 AM – 9:27 AM	Excimer Laser Refractive Surgery Outcomes in 355 Myopic Children Followed an Average 5 Years Nicolas Faron
9:27 AM – 9:45 AM	PANEL DISCUSSION
9:45 AM – 10:45 AM	Interactive Poster Session – Author Presentation and Q/A 2nd Set of Posters (B1-B120) – Authors Present – CME eligible (Odd Numbered Posters 9:45 – 10:20; Even Numbered Posters 10:10 – 10:45)
10:50 AM – 11:20 AM	AAPOS Updates

STRABISMUS – RETINOBLASTOMA – RETINOPATHY OF PREMATUREITY

11:20 AM – 11:27 AM	Reoperation following Pediatric Eye Muscle Surgery Melissa Li, MS
11:27 AM – 11:34 AM	Reoperation after Unilateral Recess-Resect versus Bilateral Lateral Rectus Recessions for Intermittent Exotropia in a Randomized Clinical Trial Sean P. Donahue, MD, PhD
11:34 AM – 11:38 AM	DISCUSSION OF PREVIOUS PAPER Burton J. Kushner, MD
11:38 AM – 11:45 AM	Non-Absorbable Sutures use in Bi-Medial Rectus Recession and Bilateral Lateral Rectus Recession Improves Surgical Outcomes Yair Morad
11:45 AM – 11:52 AM	The Outcome of a Dissolvable Adhesion Barrier for Management of Adhesion in Strabismus Surgery Michael C. Struck, MD
11:52 AM – 11:59 AM	Dose Response Analysis of Vertical Central Plication Yi Ning J. Strube, MD, MS, FRCSC
11:59 AM – 12:03 PM	DISCUSSION OF PREVIOUS PAPER Steven Archer, MD
12:03 PM – 12:10 PM	Long Term Outcomes of the Intraoperative Relaxed Muscle Positioning Technique of Strabismus Surgery in Thyroid Eye Disease Justin Muste
12:10 PM – 12:17 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? Carol L. Shields
12:17 PM – 12:24 PM	Efficacy of High-Saturation Oxygen Therapy to Prevent Progression of Late-Stage Retinopathy of Prematurity: A Retrospective Cohort Study Robert J. Minturn
12:24 PM – 12:31 PM	Effect of Intravitreal Aflibercept Versus Laser Photocoagulation for Retinopathy of Prematurity: Results from the Phase 3 BUTTERFLEYE Trial Faruk H. Orge
12:31 PM – 12:35 PM	DISCUSSION OF PREVIOUS PAPER Peter J. Campbell, MD
12:35 PM – 12:42 PM	Quantifying Laser Burn Spots to Avascular Retina Post-Bevacizumab Treatment in Retinopathy of Prematurity Infants at Different Age Groups Michelle T. Cabrera, MD
12:42 PM – 1:00 PM	PANEL DISCUSSION

1:15 PM – 2:00 PM Corporate Sponsored Symposium (No CME)

RAPID FIRE MEDICAL STUDENT PAPER PRESENTATIONS

2:15 PM – 2:17 PM Introduction

2:17 PM – 2:20 PM	Patient Education in Pediatric Ophthalmology: A Systematic Review Tahvi D. Frank, MPH
2:20 PM – 2:23 PM	Comparison of Pediatric Ophthalmology Coverage in the United States: 2007 vs. 2022 Hannah L. Walsh
2:23 PM – 2:26 PM	Association between Socioeconomic Status and Amblyopia Treatment Compliance Thanvi Vatti
2:26 PM – 2:29 PM	Low-Dose Atropine vs Peripheral Defocus Soft Contact Lenses for Myopia Control Anna Mueller, BS
2:29 PM – 2:32 PM	What Are Patients Asking Online About Strabismus? An Analysis of the Strabismus Subreddit Parastou Pakravan
2:32 PM – 2:35 PM	Depictions of Strabismus in Children's Animated Films Jintong Liu
2:35 PM – 2:38 PM	Physician Reimbursement for Strabismus Surgery versus Cataract Surgery across Provinces and Territories in Canada Kaylin O'Hara
2:38 PM – 2:41 PM	Correction of Co-Existing Small Angle Vertical Deviation by Horizontal Muscle Surgery Urvi Gupta
2:41 PM – 2:44 PM	Outcomes of Strabismus Surgery in Patients following Teprotumumab Therapy Grant Hilliard
2:44 PM – 2:47 PM	Trends in Ocular Injury in Children Two Years and Under from 2017 to 2021 in the United States Muhammad Z. Chauhan, MS, MA
2:47 PM – 2:50 PM	Pediatric Ocular Injury: Trends, Seasonality, and Burden from a Large Dataset at a Quaternary-Care Hospital Blanche L. Kuo
2:50 PM – 2:53 PM	Optical Coherence Tomography Angiography in Pediatric Glaucomas and Glaucoma Suspects Namrata Kadambi
2:53 PM – 2:56 PM	Characterizing Peripapillary Hyper-Reflective Ovoid Mass-like Structures (PHOMS) in Pediatric Patients with Optic Nerve Pathologies Jacqueline Jeon-Chapman
2:56 PM – 2:59 PM	Apparent Diffusion Coefficient (ADC) Differentiates Retinoblastoma from Coats Disease on MRI Wendy Zhang
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 Joshua N. Dang
3:02 PM – 3:05 PM	The Effect of Erythropoietin on Retinal Function in Children Born Prematurely Lorena Sisera
3:05 PM – 3:08 PM	Risk Factors for the Development of Retinopathy of Prematurity - A National Analysis Nitish Sood, BS
3:08 PM – 3:11 PM	Are Eyes with Nasal Location of Retinopathy of Prematurity at Initial Presentation More Likely to Eventually Require Treatment? Nicole T. Nudelman
3:11 PM – 3:14 PM	Retinopathy of Prematurity Screening: Prevalence and Risk Factors of Ophthalmic Complications in Non-Treated Preterm Infants Jacob I. Strelnikov, BA
3:14 PM – 3:17 PM	The Bile Acid-Gut Microbiome Axis and Retinopathy of Prematurity Tommy Bui, BS
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 Abeer K. Alhindi

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 Sarthak Shah, BS
3:23 PM – 3:26 PM	Quantitative Comparison of Vessel Characteristics of Plus Disease Images Published in the International Classification of ROP Over Time Weiliang Wang, BS
3:26 PM – 3:29 PM	Ocular Blood Flow Association with Retinopathy of Prematurity Disease Staging using Laser Speckle Contrast Imaging Danielle Sidelnikov
3:29 PM – 3:30 PM	Closing Remarks
3:45 PM – 4:45 PM	Corporate Sponsored Symposium (No CME)
5:00 PM – 6:00 PM	Corporate Sponsored Symposium (No CME)
7:00 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 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 Phoebe Lenhart; Julius Oatts; Tina Rutar; Melinda Chang; Eniolami Dosunmu; Kamiar Mireskandari; Kara LaMattina
9:10 AM – 10:40 AM	Difficult Problems – Strabismus 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
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 Bryson N. Tudor
A2	Natural Language Processing to Identify Amblyopia Patients in the Electronic Health Record Michelle R. Hribar, PhD
A3	Recovery from Amblyopia in Adulthood: A Meta-Analysis Eric D. Gaier, MD, PhD
A4	Parental Experience in Amblyopia Treatment and its Correlation with Visual Acuity Outcomes: A Pilot Study Allison R. Bradee, MD
A5	Perceptual Learning Improves Vision in Adults with Amblyopia and Nystagmus Sigal Zmujack Yehiam, MD
A6	Tailoring Amblyopia Treatment with Visually Evoked Potentials (VEPs) Marco H. Ji, MD
A7	Is Electrodiagnostic Testing Useful Following Treatment Failure or Suboptimal Outcome Post Amblyopia Management? A Retrospective Audit Emily Robertson

ANTERIOR SEGMENT

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

CATARACT

A16	Socioeconomic Status and Visual Outcomes in Infantile Aphakia Cigdem Ozturk
A17	Assessing the Effect on Visual Quality in Pediatric Cataracts by the Use of a Novel Tool: Double Pass Aberrometer Nur Azem
A18	An Evaluation of the Prevalence of Systemic Conditions in Patients with Bilateral Congenital Cataracts Erica Luse
A19	Pathologic Calcification Contributes to the Formation of Pediatric Cataracts of Different Etiologies Sarah H. Rodriguez
A20	Mydriasis in Paediatric Cataract Surgery using Intracameral Solution Jaspreet Sukhija, MD
A21	The Rate of Emmetropization after Early Cataract Removal: A Comparison Between Eyes with PFV and Eyes with Simple Congenital Cataract Ana Navarrete
A22	A Model to Predict Refractive Shift After Ocular Growth in Children Undergoing Bilateral Cataract Surgery Emily Y. Ye, MSCR
A23	Surgical and Visual Outcome of Cataract Surgery in Microphthalmic Eyes with and without Persistent Fetal Vasculature Christina S. Farag, M.Sc

GENETICS

A24	Are Larger Panels better? An Analysis of Comprehensive Next-Generation Sequencing Multigene Panels for the Diagnosis of Inherited Ocular Conditions Maria F. Villalba
A25	Genetic Testing Identified Causative Variants in 20% of Early-Onset Bilateral Cataracts Cases Erin D. Stahl, MD
A26	Prevalence of Cerebrotendinous Xanthomatosis (CTX) Among Patients Diagnosed With Juvenile-Onset Idiopathic Bilateral Cataracts Sharon F. Freedman, MD
A27	Exploring Neurodevelopmental Phenotypes in Children with Molecularly Proven PAX6 Mutation Aniridia – A Preliminary Analysis Ngozi Oluonye
A28	Diagnostic Yield of Retinal Dystrophies in a Diverse Pediatric Population Charles Miller
A29	Clinical and Molecular Findings in Children with a Diagnosis of Blue Cone Monochromacy with Longitudinal Follow-up Rommel Izaguirre Pereira, MD
A30	Outcomes and Challenges of Voretigene Neparvovec Gene Therapy in the Paediatric Population Elisabeth De Smit

A31	Patau Syndrome and the Development of Retinal Detachments Rachel Scott
A32	Ophthalmic Features of CHARGE Patients Diagnosed with Cortical Visual Impairment Jillian Eltzroth, MPH

GLAUCOMA

A33	Changes in Intraocular Pressure due to Body Position in Healthy Pediatric Population Stephanie Suzanne S. Garcia, MD
A34	Corneal Biomechanics and Endothelial Cell Characteristics in Pediatric Glaucomas and Glaucoma Suspects Lauren Yoo
A35	Long-Term Glaucoma-Related Adverse Events following Congenital Cataract Surgery at Age 1-6 Months with Intraoperative Intracameral Triamcinolone Sonal Dangda, MBBS, MS (Ophthal)
A36	Association between Vascular and Structural Parameters by Optical Coherence Tomography Angiography in Primary Congenital Glaucoma Rosario Gomez de Liano
A37	Characterization of the Iris, Ciliary Body, and Anterior Segment Angles in Congenital Glaucoma using Ultrasound Biomicroscopy: A Case-Control Study Radhika Gholap, BS
A38	Bruch Membrane Opening Minimum Rim Width in Pediatric Glaucoma using Overhead-Mounted Spectral Domain Optical Coherence Tomography: A Pilot Study Saraniya Sathiamoorthi
A39	Virtual Reality Game-Based Automated Perimetry Performance in Healthy Children Samuel Alvarez, MD
A40	Retest-Variability of a Virtual Reality Perimeter in Children Sylvia L. Groth, MD
A41	Transient Narrow Angle Glaucoma of Prematurity: A Novel Glaucomatous Process in Premature Infants Adam Jacobson, MD
A42	Ocular Hypertension and Glaucoma in Pediatric Uveities Tiffany A. Chen

NEURO-OPHTHALMOLOGY – OPTIC NERVE

A43	Eye Tracking and Teller Acuity in Children with Cortical/Cerebral Visual Impairment (CVI) Mark S. Borchert, MD
A44	Relevance of MRI Imaging in Paediatric Ophthalmology Ryad Adrar, MD
A45	Sensorimotor Outcomes in Pediatric Patients with Dorsal Midbrain Syndrome Marguerite C. Weinert, MD
A46	Ocular Torsional Instability-A Neurodiagnostic Sign of Prenuclear Disease Michael C. Brodsky
A47	Longitudinal Clinical Features of Pediatric Hereditary Optic Neuropathy Aaishwariya A. Gulani
A48	Artificial Intelligence to Classify Fundus Photographs of Pediatric Pseudopapilledema and True Papilledema Melinda Chang, MD
A49	The Diagnostic Utility of Point-of-Care Ultrasound (POCUS) and Optical Coherence Tomography (OCT) for Papilledema in Children Michael J. Wan
A50	An Analysis of Papilledema Using an OCT Scan in the Pediatric Population Abhinaya Bharath
A51	Papilledema and Pseudopapilledema in Children: Vascular Density Analysis with OCT-Angiography Hugo Bouvarel
A52	Evaluation of Papilledema Versus Pseudopapilledema in Children Kelsey T. Chen, DO
A53	Papilledema Secondary to Idiopathic Intracranial Hypertension in Children with Optic Disc Drusen Robert G. Tauscher, MD

NYSTAGMUS

A54	The Role of Enucleation in the Development of Nystagmus in Children with Retinoblastoma Andrzej Olechowski
A55	Genetic Testing for Initial Evaluation of Idiopathic Infantile Nystagmus Alexis M. Flowers
A56	Visual Outcomes and Clinical Features of Infants with History of Intrauterine Exposure to Drugs of Abuse (IUDE) and Nystagmus Alexandra Sebren, MD

OCULOPLASTICS

A57	Ocular Involvement in Pediatric Rhabdomyosarcoma - A Single Center Review Sybille Graef, MD
A58	Facial Nerve Palsy in Children: Risk Factors for Severe Visual Loss and Exposure Keratopathy Manju Bhate
A59	Pediatric Ophthalmologic Outcomes of Marcus Gunn Jaw Winking Synkinesis Sameera Nadimpalli
A60	Frequency of Chalazion Surgery in Children First Treated with Oral Antibiotics David I. Silbert

PRACTICE AND WORKFORCE MANAGEMENT

A61	Publication Rates for Abstracts Presented at the AAPOS Annual Meeting Oscar A. Cruz, MD
A62	Gender Representation in Pediatric Ophthalmology at the American Academy of Ophthalmology Annual Meeting from 2018-2022 Lauren Hucko
A63	Pediatric Chief Medical Officer/ Medical Director Perspectives on the Role of Pediatric Ophthalmologists in their Hospital Arsalan A. Ali
A64	Discrimination, Bullying and Sexual Harassment Experienced by Pediatric Ophthalmologists Angeline M. Nguyen, MD
A65	Edutainment Videos for Teaching Pediatric Ophthalmology and Strabismus to Medical Students and Residents: A Pilot Study Joy Li, AB

PRACTICE MANAGEMENT – PUBLIC HEALTH

A66	At-Home Pupil Dilation During the COVID-19 Pandemic in the Pediatric Population Rina Su, MD
A67	Patient Characteristics Associated with Telemedicine Utilization in Pediatric Ophthalmology Visits During the COVID-19 Pandemic Jenay Yuen
A68	Socioeconomic Analysis of Pediatric Closed-Globe Injuries at a Quaternary Care Hospital Melissa Yuan, MD
A69	An Analysis of Pediatric Ophthalmology Content on Instagram Rucha K. Borkhetaria, BS
A70	Social Media and the Strabismus Surgery Experience Tiffany Eatz
A71	Characterization of Strabismus in the Veteran Health Administration System John H. Lillvis
A72	Evaluation of Publicly Available Online Source Material for Amblyopia Sarah McCord, MD

REFRACTIVE ERROR

A73	Effect of COVID-19 Lockdown on Myopia Progression of School-aged Children: A Retrospective Chart Review Dalia El Hadi, MD
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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

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

STRABISMUS

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

STRABISMUS SURGERY

A100	Can Residents Develop Basic Strabismus Surgery Competencies without Any Face-to-Face Teaching? Rebecca L. Jones
A101	Strabismus Surgery Simulation Study: Review of the Literature and Comparative Anatomical Study of Eyes used for Strabismus Surgery Simulation Lisa S. Thompson, MD
A102	Simplified Approach to Amniotic Membrane for Restrictive Strabismus Associated with Conjunctival Scarring and Loss of Fornix Chelsea L. Reighard, MD
A103	Single Minimal Conjunctival Incision for Rectus Muscles Jaime Tejedor
A104	Children with Myopic Strabismus Fixus: Clinical Features and Long Term Surgical Outcomes of Silicone Band Loop Myopexy Sakshi Lalwani
A105	Correlation of Goal-Determined Metric and Patient Satisfaction with Strabismus Surgery Outcomes Linda R. Dagi, MD
A106	Patient Satisfaction with Strabismus Surgery Postoperative Care via Telemedicine Luisa M. Hopker
A107	Evaluating Surgical Outcomes and Associated Risk Factors in Infantile Esotropia Nadia Abbass, MA
A108	Risk Associations and Surgical Outcomes in a Retrospective Study of Divergence Insufficiency Esotropia Brandon Kennedy, MD
A109	Exploring the Need for Correction Factors with Bilateral Medial Rectus Recession in Combination with Oblique Muscle Involvement in Esotropic Patients Neha Sharma
A110	The Long-Term Surgical Outcomes of Esotropic Duane Retraction Syndrome Type 1 Jihae Park, MD
A111	Early Surgery for Acquired Non Accommodative Esotropia David Barnes, MD
A112	Early Post-Operative Angle as a Predictor of Surgical Success in Patients with Intermittent Exotropia Surinder S. Dosanjh
A113	Surgical Outcomes of Medial Rectus Plication Versus Resection in the Treatment of Exotropia Andrew Fischer, MD
A114	Evaluation of True Muscle Transplant versus Novel Hang Back Recession in Extra-Large Angle Exotropia: A Randomised Comparative Clinical Trial Amar Pujari, MD
A115	Outcomes for Two-Muscle Surgery in Large-Angle and Very Large-Angle Exotropia David D. Chong

VISION ASSESSMENT – VISION SCREENING

A116	Evaluation of Distance Stereoacuity in Children Aged 4-17 Years with a Novel Digital Application Guy Barnett-Itzhaki, CO
A117	A Novel Pediatric Eye Test to Assess the Visual Function in a Global Manner: A Prospective Study Nikolaos Kozeis, MD, PhD
A118	Validation of Cloudscaper Optotypes versus LEA Symbols for Virtual Visual Acuity Measurement in Children 3 to 16 Years Old Cristiana Ronconi, MD
A119	Utility of the Red Reflex Test for Detecting Ophthalmic Pathology in the Pediatric Population Monica Manrique

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 Songa Che
B2	Binocular Treatment for Amblyopia: A Meta-Analysis of Randomized Clinical Trials Matilde Roda
B3	Oculomotor Abnormalities and Contrast Balanced Dichoptic Treatments in Amblyopia Fatema Ghasia
B4	Factors Associated with Visual Acuity Improvement with a Binocular Digital Therapeutic for Amblyopia Isdin Oke
B5	Optical Coherence Tomographic Angiography-Based Retinal Vascular Density Changes at the Macula in Children with Unilateral Amblyopia Gorka Sesma, MD

ANTERIOR SEGMENT

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

CATARACT

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

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 Ana Catalina Rodriguez Martinez, MD
B27	Anterior Cervical Hypertrichosis and Ophthalmic Associations Kevin Cheung, BScH, DC
B28	NPHP1-Related Ciliopathies: A New Case and Major Review of the Ophthalmic Manifestations of 147 Reported Cases Shivania Reddy
B29	The Frequency and Specificity of Choroidal Nodules in Ocular Coherent Tomography (OCT) in Neurofibromatosis -1 (NF-1) Patients Compared to Controls Aarti Vyas, CO
B30	Ophthalmic Features of Lamb-Shaffer Syndrome Yoav Glidai
B31	Chorioretinal Lesions in Chronic Granulomatous Disease Denis Georgelin
B32	The Role of Genetic Testing in Avoiding Diagnostic Delays in Inherited Retinal Disease Arth H. Shah
B33	Visual Performance in Children with Albinism During the Second Decade of Life Claudia Yahalom
B34	Expanding the Spectrum of Oculocutaneous Albinism: Does Isolated Foveal Hypoplasia Really Exist? Giacomo M. Bacci

GLAUCOMA

B35	Cost Analysis of Childhood Glaucoma Surgeries Abdelrahman M. Elhusseiny
B36	Demographics and Surgical Outcomes in Sturge-Weber Syndrome (SWS) Associated Glaucoma (SWS-glaucoma) in the Academy IRIS® Registry Karen E. Lee, MD
B37	Microcatheter-Assisted Circumferential Trabeculotomy in Primary Congenital Glaucoma: Long-Term Clinical Outcomes Natalie di Geronimo
B38	Long-Term Outcomes of Ahmed valve Capsulectomies in Pediatric Glaucoma Patients

Sharmila Segar, MD

- B39 Outcomes of Ab-Externo Microshunt Implantation in the Management of Complex Paediatric Glaucoma

Panagiota Antonopoulou

- B40 The Outcomes of Glaucoma Drainage Devices in Childhood Glaucoma: A Meta-Analysis

Jamal O. Azhari

- B41 Long-Term Outcomes of Aurolab Aqueous Drainage Implant (AADI) vs Ahmed Glaucoma Valve (AGV) in Pediatric Patients: A Retrospective Study

Abdullah M. Khan

- B42 Long Term Follow-up of Pediatric Eversional Angle Closure with Headache (PEACH) Syndrome Following Laser PI

Luke A. Donahue, MTS

- B43 The Use of Ologen Collagen Matrix in Combination with XEN Microstent for the Treatment of Glaucoma in Pediatrics: A Retrospective Case Series

John Musser, MPH

NEURO-OPHTHALMOLOGY – OPTIC NERVE

- B44 Retinal Findings in Pediatric Idiopathic Intracranial Hypertension

Michael T. Curley, MD

- B45 Analysis of Pediatric Idiopathic Intracranial Hypertension at a Tertiary Care Hospital: Features and Management

Katherine S. Wood, MD

- B46 An Analysis of Presenting Features and Visual Outcomes for Paediatric Patients with Idiopathic Intracranial Hypertension in a Single British Centre

Robert Thomas Brady

- B47 Optical Coherence Tomography and Optical Coherence Tomography Angiography Findings in Optic Disc Hypoplasia

Min Chae Kang

- B48 Single-Line Macular Optic Coherence Tomography (OCT) to Diagnose Optic Neuropathies in Young, Awake Children

Sarah Madison Duff

- B49 Visual Acuity at 20% Contrast and its Correlation with Optic Nerve Atrophy in Children and Young People Diagnosed with Brain Tumours

Magnus Theodorsson

- B50 Clinical and Radiologic Findings in Patients with Morning Glory Disc Anomaly and Associated Optic Pathway Enlargement

Paul H. Phillips

- B51 Characteristics of Optic Papillitis in Pediatric Uveitis

Lindsay Rothfield, MD

- B52 Peripapillary Hyperreflective Ovoid Mass-like Structures (PHOMS) in Children: Optical Coherence Tomography Measurements and Refractive Status

Luke Pratt

NYSTAGMUS

- B53 Globe Stabilization in Acquired Nystagmus using a Titanium T-Plate

Smith Ann M. Chisholm, MD

- B54 Surgery for Acquired Nystagmus in Patients with Cerebellar Dysfunction

Ahmad Halawa

- B55 Chiasmal Misrouting in Infantile Nystagmus Syndrome(INS): Phenotypes in Patients with Molecular Diagnoses

Michael James Gilhooley, MB, PhD, FRCOphth

- B56 Global Prevalence and Epidemiological Characteristics of Infantile Nystagmus: A Systematic Review and Meta-Analysis

Yawen Xiang, MBChB

- B57 Does Spasmus Nutans Really Exist?

Salma A. Dawoud, MD

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 Joseph L. Demer, MD, PhD
B59	Frontalis Flap Advancement versus Frontalis Sling in the Management of Congenital Blepharoptosis Rania El Essawy
B60	Outcomes of Levator Resection for Congenital Ptosis with Poor Levator Function Jenny C. Dohlman
B61	Anisometropia in a Population-Based Cohort of Children with Nasolacrimal Duct Obstruction Maude Anderson
B62	Safety and Efficacy of Nasolacrimal Duct Stenting Outside of the Operating Room- Comparing Three Types of Stents Adriana P. Grigorian, MD
B63	Comparing Extrusion Rates and Post-Operative Emergency Visits between Tied and Untied Silicone Stents in Pediatric Lacrimal Surgery Sarah M. Kamal, MD

PRACTICE MANAGEMENT – PUBLIC HEALTH

B64	Demographic Barriers to Subspecialty Care in Patients with Juvenile Idiopathic Arthritis Rebecca G. Edwards Mayhew
B65	Increasing Pediatric Eye Care Access in the United States: Pilot Results from the All Children See Program Bani Antonio-Aguirre, MD, MPH
B66	Cost Analysis of a School-Based Vision Program in an Urban, High-Poverty School District Megan E. Collins
B67	Protective Eyewear in Children with an Impaired Monocular Vision: Compliance and Trends Tal Yahalomi
B68	Protective Eyewear Reduces Retinal Damage in Sports Trauma Matthew Lam
B69	Use of the World Health Organization Primary Eye Care Protocol to Investigate the Ocular Health Status of School Children in Rwanda Alex V. Levin
B70	Parental Attitudes Toward Myopia Management Emi Lin Luo
B71	Ophthalmic Outcomes in Children with In-Utero Drug Exposure Salvatore Bellante, CO, MS
B72	Role of Prenatal Imaging in the Identification of Congenital Ocular Anomalies: A Systematic Review Taylor D. Kolosky

REFRACTIVE ERROR

B73	Prevalence of Pediatric Astigmatism in the Navajo Nation Jenna L. Jensen, BS
B74	Longitudinal Development of Ocular Biometric Components and Refractive Error in Children with Infantile ET vs Late-onset Accommodative ET Jingyun Wang

RETINA

B75	Outcome of Ocular Toxoplasmosis in Children and Adolescents Alice M. Kitay
B76	Characterizing Myelinated Retinal Nerve Fibers in Patients With and Without Myopia and Amblyopia Mary K. Munsell

RETINOBLASTOMA

B77	A Phase I Study of Episcleral Topotecan Plaque for Retinoblastoma Aparna Ramasubramanian
B78	Long Term Efficacy of Intravitreal Melphalan Chemotherapy for Vitreous Seeding in Retinoblastoma Ghaida Alahmadi

- B79 Direct Medical Costs of Globe Preservation in Patients with Group C-E Retinoblastoma
Elizabeth M. Bolton, MD

RETINOPATHY OF PREMATUREITY

- B80 Persistent Retinopathies of Prematurity after 40 Weeks Corrected Age
Melissa Santorini
-
- B81 Association between Treatment for Retinopathy of Prematurity and Blood Monocyte Counts
Shumpei Obata
-
- B82 A Comparison of Efficacy between Intravitreal Bevacizumab versus Ranibizumab for Type 1 Retinopathy of Prematurity
Laura E. Andaluz-Scher, MD
-
- B83 Use of anti-Vascular Endothelial Growth Factor (antiVEGF) in the treatment of Retinopathy of prematurity (ROP), A Systematic Review and Meta-Analysis
Sankha Udakumbura
-
- B84 Atypical Reactivation of Retinopathy of Prematurity Six Years after Bevacizumab Intravitreal Injection
Anas Yasin
-
- B85 Refractive Outcomes of ROP Treated with Laser Photocoagulation, Bevacizumab, and Combination Therapy
Margaret M. Reynolds, MD
-
- B86 Maternal and Neonatal Factors Associated with More Severe Retinopathy Of Prematurity
Lauren Young, MD
-
- B87 Changing Fields of View: Perceived Plus Disease Severity using the New ICROP3 Definition
David A. Ramirez, MD

STRABISMUS – EXTRAOCULAR MUSCLES

- B88 Objective Assessment of Control Compared with Clinical Triple Office Control Score in Children with Intermittent Exotropia
Eileen E. Birch
-
- B89 Assessment and Management of Intermittent Exotropia in France: An AFSOP Study
François Audren
-
- B90 Refractive and Sensorimotor Outcomes of Intermittent Exotropia Managed with Overminus Glasses
Sudhi P. Kurup, MD
-
- B91 Clinical Features and Analysis of Spontaneous Consecutive Exotropia in Children with Refractive Accommodative Esotropia
Aysel Pelit, MD
-
- B92 Restoration of Binocular Vision with Liquid Crystal Glasses
Satenik Agagulyan
-
- B93 A Chip Off the Old Block – Slab-Off Prism for Symptomatic, Vertical Heterophoria in the Reading Position
Alex Christoff, CO
-
- B94 Strabismus Outcomes in Children Post-Hemispheric Surgery: A Systematic Review
Daiana Roxana Pur, MD Candidate
-
- B95 Changes in Strabismus Pattern in Cranial Nerve 3 Palsies
Sameea Tahir
-
- B96 Hierarchically Structured Hydrogels as Synthetic Muscles for the Treatment of Strabismus and Amblyopia
Stacy Pineles
-
- B97 Comprehensive High-Fidelity 3D Modelling of the EOM at the Fibre Bundle-Aponeurosis Level as in Situ: A Pilot Anatomical Study
Adele Kim
-
- B98 Effect of Plasma Enriched with Platelet Growth Factors in Human Tenon's Capsule Fibroblast
Federico G. Velez

STRABISMUS SURGERY

- B99 Factors Associated with the Change of Horizontal Deviation after Inferior Oblique Weakening Surgery
Yujin Gim

B100	Effect of Inferior Oblique Weakening Procedures on Horizontal Alignment in Patients Treated Surgically for Exotropia Blake A. Boehm
B101	Outcomes of Inferior Oblique Myectomy versus Recession Combined with Lateral Rectus Recession in V-pattern Exotropias Olivia T. Cheng, MD
B102	Surgical Management of Exotropia in Superior Oblique Palsy Jaron K. Pruett
B103	Outcomes of Inferior Oblique Muscle Myectomy with and without Tucking into Tenon's Capsule, A Cohort Prospective Study Shatha Alfreihi
B104	Can Inferior Oblique Myectomy Alone Correct the Downgaze Deviation in Superior Oblique Palsy? Treasa Murphy
B105	Clinical Outcomes of Inferior Oblique Myectomy in Patients with Unilateral Superior Oblique Palsy Michal Blau-Most, MD
B106	Effect of Conversion from Traditional Transposition to Anterior and Nasal Transposition of the Inferior Oblique Muscle Tobias E. Torp-Pedersen, MD, PhD
B107	Unilateral Superior Oblique Palsies: Fixation Preference and its Effect on Misdiagnosis, Surgical Outcomes, and Clinical Characteristics Daniel Cyr, DO
B108	Contralateral Inferior Rectus Recession as a Primary Surgical Procedure for Treatment of Superior Oblique Palsy Ghada H. Allam, MD
B109	Anteriorization of the Inferior Oblique Muscle versus Anteriorization and Resection for Asymmetrical Dissociated Vertical Deviation Ghada Osama
B110	Comparative Evaluation of the Effect of Inferior Rectus Plication Versus Superior Rectus Recession in Cases of Dissociated Vertical Deviation Pradeep Sharma, MD
B111	Vertical Rectus Muscle Recession for Non-Restrictive Strabismus Melanie Kazlas, MD
B112	Dose-Response Relationship in Mini-Plication Surgery for Small-Angle Deviations Otana A. Jakpor, MD, MSc
B113	Superior Oblique Anterior Fibers Plication Utilizing Adjustable Noose for Extorsion Erick D. Bothun

VISION SCREENING

B114	Socioeconomic and Racial Variations in Childhood Vision Care Access and Utilization Brita S. Rook, MD
B115	Improving Access to Visual Screening in 4-5 Year Old Children in Deprived Areas of London through School Nurse Led Assessment Meena Arunakirinathan, FRCOphth
B116	The Association of Vision Concerns with the Physical and Mental Health of Adolescents in the United States Sean C. Teebagy
B117	Feasibility of a High School Student Assisted Elementary School Vision Screening Community Service Project. Mitchell Strominger
B118	Pediatric Vision Screening Guidelines and Practices in Florida Meghan Sharma, BA
B119	Primary Care Vision Screening during 3- to 5-Year-old Well Child Visits at an Academic Health System Olivia J. Killeen, MD, MS
B120	Clinical Findings in Children Referred for an Abnormal Red Reflex Soraiya Thura