

American Association for Pediatric Ophthalmology and Strabismus

49th Annual Meeting, April 7-11, 2024, Preliminary Program, Austin, TX

SUNDAY, APRIL 7, 2024

8:00 AM – 2:30 PM	Board of Directors Meeting
12:00 PM – 8:00 PM	Registration
1:00 PM – 4:00 PM	Poster Set Up (1 st Set)
4:00 PM – 6:00 PM	Poster Viewing (1 st Set) (Authors not present) CME eligible
4:15 PM – 5:15 PM	OMIC Workshop Telephone Screening and Patient Safety Christie Morse, MD; Jinali Diora, MD
6:15 PM – 7:00 PM	International Attendees Reception
7:00 PM – 9:00 PM	Opening Reception

MONDAY, APRIL 8, 2024

6:30 AM – 5:00 PM	Registration
6:30 AM – 7:45 AM	Breakfast
6:30 AM – 7:30 AM	Poster Viewing (Authors not present) CME eligible
7:45 AM – 9:45 AM	Moderators: Deborah M. Alcorn, MD; Yasmin S. Bradfield, MD; Jason H. Peragallo, MD
7:45 AM – 7:50 AM	Introduction and Welcome Yasmin S. Bradfield, MD
7:50 AM – 8:05 AM	AAPOS President's Remarks, Honor Awards, Senior Honor Awards, Lifetime Achievement Awards, Outstanding Mentor/Educator Award, Outstanding Advocate Award, Outstanding Humanitarian/Service Award, Outstanding Emerging Leader Award Deborah M. Alcorn, MD
8:05 AM – 8:10 AM	Introduction of Costenbader Lecture Joseph L. Demer, MD
8:10 AM – 8:35 AM	Costenbader Lecture Silencing the Eye to Wake Up the Brain: Current and Future Treatment of Deprivation Amblyopia Lawrence Tychsen, MD
8:35 AM – 8:38 AM	Presentation Ceremony Deborah M. Alcorn, MD

LOW VISION – AMBLYOPIA – NEURO-OPHTHALMOLOGY

8:40 AM – 8:47 AM	Eye Tracking Measures of Oculomotor Function are Associated with Improvement in Visual Acuity in Children with Cortical Visual Impairment (CVI) Melinda Chang
8:47 AM – 8:54 AM	Comparative Video Gait Analysis of Assistance for Mobility Visually Impaired Children Paul Chong
8:54 AM – 9:01 AM	First Real World Study of an FDA-Approved Binocular, Dual-Acting Therapy for Amblyopia: Initial Outcomes from the Treatment Registry Euna B. Koo
9:01 AM – 9:05 AM	DISCUSSION OF PREVIOUS PAPER Eileen E. Birch, PhD
9:05 AM – 9:12 AM	Clinical Course and Visual Outcomes of Papilledema in Pediatric Cerebral Venous Sinus Thrombosis Jessica A. Sun
9:12 AM – 9:25 AM	PANEL DISCUSSION
9:25 AM – 9:45 AM	Presentation of Parks Medals and Children's Eye Foundation of AAPOS Update Pamela E. Williams, MD & K. David Epley, MD
9:45 AM – 10:45 AM	Interactive Poster Session – Author Presentation and Q/A 1st Set of Posters (A1-A120) – Authors Present – CME eligible (Odd Numbered Posters 9:45 – 10:20; Even Numbered Posters 10:10 – 10:45)
10:50 AM – 11:30 AM	Moderators: Barry N. Wasserman, MD; Ronald Biernacki, CO, COMT; Yasmin S. Bradfield, MD

MYOPIA

10:50 AM – 10:57 AM	Does Myopia Control at 12 Months Predict 3-Year Efficacy of NVK002 Atropine 0.01% in the CHAMP Clinical Trial of Low Dose Atropine for Pediatric Myopia Robert A. Clark, MD
10:57 AM – 11:04 AM	The Efficacy of NVK002 in Treating Pediatric Myopia Progression is Maintained Each Year over 36 Months in the CHAMP Phase 3 Trial Rupa Wong, MD
11:04 AM – 11:10 AM	DISCUSSION OF TWO PREVIOUS PAPERS Amy K. Hutchinson, MD
11:10 AM – 11:17 AM	Evaluating the Effect of a Myopia Control Spectacle Lens Among Children in Israel: 12 Month Results Yair Morad
11:17 AM – 11:30 AM	PANEL DISCUSSION
11:30 AM – 11:35 AM	Introduction of Jampolsky Founders Series Lecture William V. Good, MD
11:35 AM – 11:55 AM	Jampolsky Founders Series Lecture The Sun Never Sets on Babies Creig S. Hoyt, MD, MA
11:55 AM – 11:58 AM	Presentation Ceremony Arvind Chandna, MD
12:00 PM – 2:00 PM	Solar Eclipse Viewing
2:30 PM – 2:55 PM	AAPOS Business Meeting
3:00 PM – 4:20 PM	Moderators: Phoebe D. Lenhart, MD; Erin O. Schotthoefer, MD; Yasmin S. Bradfield, MD

ANTERIOR SEGMENT – RETINA – RETINOPATHY OF PREMATURITY

3:00 PM – 3:07 PM	Corneal Collagen Crosslinking in Down Syndrome Michael Puente
3:07 PM – 3:11 PM	DISCUSSION OF PREVIOUS PAPER Bibiana Reiser, MD
3:11 PM – 3:18 PM	Visual Outcomes following Penetrating Keratoplasty in Children Lyvia J. Zhang, BA
3:18 PM – 3:25 PM	Home Ultrasonography of the Eye for Sight Threatening Conditions in Children Taylor M. Carlson, MS
3:25 PM – 3:32 PM	Longitudinal Assessment of Macular Thickness and Microvascular Changes in Children with Sickle Cell Disease Nimesh A. Patel
3:32 PM – 3:39 PM	Deep Learning Approach for Differentiating Etiologies of Pediatric Retinal Hemorrhages: A Multicenter Study Donny W. Suh, MD
3:39 PM – 3:43 PM	DISCUSSION OF PREVIOUS PAPER Michael F. Chiang, MD, MPH
3:43 PM – 3:50 PM	Disparities in Childhood Blindness from Retinopathy of Prematurity using the IRIS® Registry (Intelligent Research in Sight) Melanie R. Daulton, MD
3:50 PM – 3:57 PM	Validation of the P-Score: A Reference-Image-Based Clinical Grading Scale for Vascular Change in Retinopathy of Prematurity Gil Binenbaum, MD, MSCE
3:57 PM – 4:04 PM	Assessment of ROP Screening Criteria: The AND versus OR Study Taylor L. Aaserud
4:04 PM – 4:20 PM	PANEL DISCUSSION
4:30 PM – 6:30 PM	Jampolsky Founders Series Reception
6:30 PM – 8:30 PM	Poster Viewing (1 st Set) (Authors not present) CME eligible

TUESDAY, APRIL 9, 2024

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

WORKSHOPS – SESSION A

7:00 AM – 8:15 AM	AAP SOOp Workshop: Raising Voices for the Seldom Heard – Advocating for Our Patients and Our Profession Douglas Fredrick, MD; Sylvia Yoo, MD; Christie Morse, MD; Megan Collins, MD; Mitchell Strominger, MD; Michael Repka, MD; Nancy Benegas, MD; Alejandra de Alba Campomanes, MD; Christopher Lloyd, MD; Angell Shi, MD
	Does This Child Have Glaucoma? Tools to Aid in Diagnosis and Management Sharon F. Freedman, MD; Brenda Bohnsack, MD; Ta Chen Peter Chang, MD; Michelle Go, MD; Matthew L. Haynie, MD; Alex V. Levin, MD
	Bringing Technology to Education in Pediatric Ophthalmology Matthew D. Gearing; Michelle Cabrera; Tammy Yanovitch; Yi Ning Strube; Sudha Nallasamy; Christine Law
	Treatment of Paretic vs Paralytic Strabismus - The Big Debate Jon Peiter Saunte, MD; Saurabh Jain, MD; Andrea Molinari, MD; Jonathan M. Holmes, MD; Brian Mohney, MD; Dominique Thouvenin, MD; David Hunter, MD, PhD; Piotr Loba, MD

WORKSHOPS – SESSION B

8:30 AM – 9:45 AM	Vantage Points in Myopia: A Case-Based Panel Discussion of Practical Approaches to Myopia Control Brenda L. Bohnsack; Rahul Bhola; David Epley; Allison Summers; Magdalena Stec; Noreen Shaikh
	My Child Can't See: Diagnostic Workup and Management of Children with Visual Impairment Melinda Chang; Alina Dumitrescu; Margaret Reynolds; Matthew C. Weed; Arvind Chandna; Virginia M. Utz; Lauren Ditta; Arlene V. Drack
	IPOSC Workshop: Surprises in Pediatric Ophthalmology & Strabismus Cases with a Twist Jan T. de Faber, MD; Jonathan M. Holmes, MD; Faruk Orge, MD; Eedy Mezer, MD; Alejandro Armesto, MD; Giovanni B. Marcon, MD; Jason Yam, MD; Tamara Wygnanski-Jaffe, MD
	Translating Clinical Challenges into Research Projects and Translating Research Findings into Clinical Practice Stacy Pineles; Janet Alexander; Saurabh Jain; Isdin Oke; Paul Phillips; Mary Whitman; Deniz Goodman; Eric Gaier
9:45 AM – 10:30 AM	Refreshment Break and Exhibit Viewing

WORKSHOPS – SESSION C

10:30 AM – 11:45 AM	An Abusive Head Trauma Case Heads to Court, What Do I Need to Know? Brian J. Forbes, MD, PhD; Alex V. Levin, MD, MHSc, FAAP, FAAO, FRCSC; Gil Binenbaum MD, MSCE; Lisa M. Tanner, PLLC
	What's New and Important in Pediatric Ophthalmology Emily A. McCourt; Carolina Adams; Mariam Ahmad; Smith Ann Chisholm; Catherine Choi; Lauren Diroff; Prashanthi Giridhar; Laryssa Huryn; Julius Oatts; Casey Smith
	Difficult Pediatric Cataract: A World of Experience Massimiliano Serafino; Roberto Caputo; Ramesh Kekunnaya; Kanwal Nischal; Edward Wilson
	AOC Workshop: Don't Let the Sun Go Down on Me: Diplopia in a Booming Population Sarah Whitecross, CO; Doug Fredrick, MD; Joseph L. Demer, MD; Saurabh Jain, FRCOphth; Lindsay Klaehn, CO; Kim Merrill, CO
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	Advanced and Innovative Techniques Managing Strabismus from Orbital Trauma: Don't Despair, Repair!
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Linda R. Dagi, MD; Jan Tjeerd de Faber, MD; Oscar Cruz, MD; Hilda Capo, MD; Sean P. Donahue, MD, PhD; Federico Velez, MD

Cracking the Pediatric Uveitis Management Code

Stefanie L. Davidson, MD; Virginia M. Utz, MD; Ashley Cooper, MD; Laura Huang, MD; Bharti Gangwani, MD; Crystal Cheung, MD

Advocacy in Pediatric Ophthalmology

Michelle M. Falcone, MD; Chris Rorick, MPA; Shelagh Foster, JD; Anne Langguth, MD; Daniel Weaver, MD; Kenneth Cheng, MD; Geoffrey Bradford, MD, MS; Martha Howard, MD; Stacey Kruger, MD; Michael Puente, MD

Treatment Controversies in ROP: More than a Decade after AntiVEGF: What is the Available Evidence?

Sarah H. Rodriguez; Kamiar Mireskandari; Michael P. Blair; Grace Prakalapakorn; Nasrin Tehrani; Shira Robbins; Gil Binenbaum; Alexis Warren; Alejandra de Alba Campomanes; Armie Harper

Limited capacity due to the hands-on nature of the workshop.

Electrophysiology for Children in 2024: How, Why and What To Do Next

Arlene V. Drack, MD; Wanda Pfeifer, CO, MME; Ramiro Maldonado, MD; Alina V. Dumitrescu, MD

WORKSHOPS – SESSION E

2:45 PM – 4:00 PM

Transposition Procedures for the Surgical Management of Complex Strabismus

Hilda Capo, MD; Linda R. Dagi, MD; Federico G. Velez, MD; David G. Hunter, MD, PhD; Ramesh Kekunnaya, FRCS

Clinical Pearls in Pediatric Ocular Surface Diseases: Scratching Further Below the Surface

Kamiar Mireskandari; Simon Fung; Angela Zhu; Larissa Gouvea

Technologies Reshaping Pediatric Ophthalmology Clinic/Operating Room: Improving Patient Care and Efficiency

Tamara Wygnanski-Jaffe, MD; Michael F. Chiang, MD; Sharon Freedman, MD; Alejandra de Alba Campomanes, MD; Evan Silverstein, MD; Robert Arnold, MD; Mingguanghe He, MD; David Silbert, MD

Into the Molecular Era: Integrating Genetic Counseling and Testing into your Clinic

Celeste Wyman, CGC; Jenina Capasso, CGC; Alex V. Levin, MD; Tarek S. Shoala, MS, FRCS; Goura Chattannavar, MBBS, DNB

3:45 PM – 4:15 PM

Poster Set Up (2nd Set)

4:15 PM – 5:15 PM

Corporate Sponsored Symposium (No CME)

5:30 PM – 7:30 PM

Poster Viewing (2nd Set) (Authors not present) CME eligible

5:30 PM – 6:30 PM

Young Ophthalmologists, Senior Ophthalmologists and New Member Reception

7:00 PM – 10:00 PM

Children's Eye Foundation of AAPOS Fundraising Festival (*separate registration/additional fee*)

WEDNESDAY, APRIL 10, 2024

6:15 AM – 7:30 AM

5K Run/Walk

6:45 AM – 7:45 AM

Corporate Sponsored Symposium (No CME)

7:00 AM – 5:00 PM

Registration

7:00 AM – 8:00 AM

Poster Viewing (2nd Set) (Authors not present) CME eligible

7:00 AM – 8:00 AM

Breakfast

8:00 AM – 9:45 AM

Moderators:

Sean P. Donahue, MD, PhD; Stacey J. Kruger, MD; Jason H. Peragallo, MD

8:00 AM – 8:01 AM

Introduction of Gunter K. von Noorden Young Investigator Award Paper

Stacy L. Pineles, MD, MS

8:01 AM – 8:09 AM

Gunter K. von Noorden Young Investigator Award Paper

Development of the Oculomotor System in Eye Movement Disorders

Mary C. Whitman, MD, PhD

8:09 AM – 8:10 AM

Presentation Ceremony

Mohamad S. Jaafar, MD

CATARACT – GLAUCOMA

8:10 AM – 8:17 AM

Design, Ex Situ, and In Vivo Performance of a Shape-Changing Accommodating Lens Based on the Biomechanics of the Pediatric Lens

Forrest J. Ellis, MD

8:17 AM – 8:24 AM	Anterior Chamber versus Retropupillary Iris-Claw Intraocular Lens Implantation in Aphakic Children with Insufficient Capsular Support: One-Year Results Ghada I. Gawdat, MD
8:24 AM – 8:31 AM	Intraocular Lens (IOL) Tilt and Decentration after Secondary IOL Sulcus Implantation versus Optic Capture in Pediatric Aphakia Dina H. Hassanein
8:31 AM – 8:37 AM	DISCUSSION OF TWO PREVIOUS PAPERS M. Edward Wilson, MD
8:37 AM – 8:44 AM	Iridocorneal Angle Changes Using Hand-Held Anterior Segment Optical Coherence Tomography in Limbal versus Pars Plicata Lensectomy Dina Elfayoumi
8:44 AM – 8:51 AM	Real-World Outcomes and Adverse Events following Pediatric Intraocular Lens Implantation: An IRIS® Registry (Intelligent Research in Sight) Analysis Flora Lum, MD
8:51 AM – 8:58 AM	Postoperative Outcomes of Cataract Surgery in Eyes with Microcornea Larissa Gouvea
8:58 AM – 9:05 AM	Influence of Gestational Age on Glaucoma and Vision Outcomes in the Infant Aphakia Treatment Study Janet L. Alexander
9:05 AM – 9:12 AM	Using Large Language Models to Generate Educational Materials on Childhood Glaucoma Qais Dihan, BS
9:12 AM – 9:19 AM	Battle of the Games: Evaluating Pediatric Performance and Preference in Virtual Reality Perimetry Testing for Normal and Glaucoma Patient Rizul Naithani, DO, MPH
9:19 AM – 9:26 AM	In Vivo Assessment of the Pediatric Trabecular Meshwork, Schlemm Canal, and Angle Structure Using Overhead-Mounted Optical Coherence Tomography Bo Wang
9:26 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 – 1:00 PM	Moderators: Hilda Capo, MD; Tina N. Rutar, MD; Jason H. Peragallo, MD
10:50 AM – 11:20 AM	AAPOS Updates
10:50 AM – 10:54 AM	IPOSC Update Jan Tjeerd de Faber, MD
10:54 AM – 10:58 AM	J AAPOS Update Kristina Tarczy-Hornoch, MD, DPhil
10:58 AM – 11:03 AM	Advocacy Update Stacey J. Kruger, MD
11:03 AM – 11:08 AM	Recruitment Update Yasmin S. Bradfield, MD
11:08 AM – 11:12 AM	National Eye Institute Update Michael F. Chiang, MD
11:12 AM – 11:16 AM	ABO Update on Continuous Education Robert E. Wiggins, MD
11:16 AM – 11:20 AM	AAP Update Donny W. Suh, MD

PUBLIC HEALTH – STRABISMUS – NYSTAGMUS

11:25 AM – 11:32 AM	The Timing and Impact of Factors Influencing the Pursuit of Pediatric Ophthalmology Fellowship Training Michelle Lin, BS
11:32 AM – 11:39 AM	Evaluation of a Novel Virtual Reality Simulated Alternate Cover Test to Assess Strabismus: A Prospective, Masked Study Diego Martinez Mori
11:39 AM – 11:46 AM	Use of the Synoptophore to Assess Whether Torsion is a Barrier to Fusion in Adults with Hypertropia Andrea Kramer

11:46 AM – 11:53 AM	A Clinical Trial for 0.01% Atropine Eyedrops in Children with Myopia and Intermittent Exotropia (AMIXT) Zijin Wang
11:53 AM – 12:00 PM	Low-Dose Atropine for Exotropia Control in Young Children S. Ayse Erzurum, MD
12:00 PM – 12:04 PM	DISCUSSION OF PREVIOUS PAPER Sean P. Donahue, MD, PhD
12:04 PM – 12:11 PM	Association of Initial Post-Op Alignment with Long-Term Outcomes when Performing Surgery for Intermittent Exotropia Eric R. Crouch, MD
12:11 PM – 12:18 PM	Long Term Outcomes of Botulinum Toxin versus Strabismus Surgery for the Treatment of Acute Acquired Comitant Esotropia in Children Michael T.B. Nguyen, MD
12:18 PM – 12:25 PM	Laterality Targeting in Graded Partial Inferior Rectus Tenotomy (GVRT) Corrects Lateral Incomitance of Hypertropia in Sagging Eye Syndrome (SES) Wei-Yu Lai
12:25 PM – 12:32 PM	Outcomes of Surgery for Abnormal Head Postures Associated with Nystagmus Irene Gottlob
12:32 PM – 12:39 PM	Prospective Open Label Randomized Controlled Clinical Study Evaluating the Efficacy of Perceptual Learning among Patients with Congenital Nystagmus Idan Hecht, MD
12:39 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 – 3:30 PM	Moderators: Angeline M. Nguyen, MD; Pamela E. Williams, MD
2:15 PM – 2:17 PM	Introduction Angeline M. Nguyen, MD
2:17 PM – 2:20 PM	Medical Student Awareness of Pediatric Ophthalmology as a Potential, Future Vocation Jonathan M. Bindi
2:20 PM – 2:23 PM	Assessing the Competitiveness of Applicants in the Ophthalmology Match Based on Interest in Pediatric Ophthalmology Caroline Cubells, BS
2:23 PM – 2:26 PM	Readability Analysis between AI-Generated Patient Education Materials and Patient Education Materials of AAPOS website Taylor Potter
2:26 PM – 2:29 PM	Landscape Analysis of School-Based Vision Program Operations in the US: A Survey Study Sondra Rahmeh, MAT
2:29 PM – 2:32 PM	Effectiveness of a Smartphone Application in Screening for Amblyopia Risk Factors Maya Ganeshan
2:32 PM – 2:35 PM	Demographic Factors Associated with Disparities in Amblyopia Treatment Outcomes Archeta Rajagopalan, BS
2:35 PM – 2:38 PM	Visual Acuity and Fixation Eye Movement Abnormalities in Amblyopia and Strabismus under Fellow and Binocular Viewing Yulia Haraguchi
2:38 PM – 2:41 PM	Associations Between Pediatrics Mental Health and Vision from the National Health Interview Survey Tommy Bui
2:41 PM – 2:44 PM	Impact of Refractive Surgery on Social Impairment and Quality of Life in Children with Neurodevelopmental Disorders and Spectacle Non-Tolerance Jacob Strelnikov, BA
2:44 PM – 2:47 PM	Association Between Childhood Vision Impairment and Dementia Onset in Later Life Kaersti L. Rickels
2:47 PM – 2:50 PM	Factors Affecting Visual Field Testing Reliability in Children Anika Kumar
2:50 PM – 2:53 PM	The Association of Strabismus and Mental Health Conditions in the NIH All of Us Research Program Kimberly Jin
2:53 PM – 2:56 PM	Extraocular Muscle Insertion in Patients with Strabismus

	Rebecca Z. Lin, BA
2:56 PM – 2:59 PM	Utility and Safety of Phone Call Follow-Up After Strabismus Surgery Christine G. Shao, BA
2:59 PM – 3:02 PM	Virtual Follow up for Pediatric and Adult Strabismus Surgery During the COVID-19 Pandemic Isabella M. Alvarado, BA
3:02 PM – 3:05 PM	Two Variants of Divergence Insufficiency Esotropia and Incidence Before and After Covid-19 Epidemic Kathleen Eng, BA
3:05 PM – 3:08 PM	The Role of Same Day Measurements Prior to Strabismus Surgery Lydia Zhong, BA
3:08 PM – 3:11 PM	Ocular Sequelae of Facial Feminization Surgery Angeline Truong
3:11 PM – 3:14 PM	Audiology Evaluation Following Intra-Arterial Carboplatin for Retinoblastoma Aurora Rodriguez
3:14 PM – 3:17 PM	Retinal Hemorrhage Variation in Inertial versus Contact Head Injuries Kinza Abbas, BA
3:17 PM – 3:20 PM	A Multimedia Education Program Adhering to Health Literacy Guidelines to Improve Understanding and Follow-up Compliance in ROP Susanna Yau
3:20 PM – 3:23 PM	Factors Influencing Complete Retinal Vascularization in Infants Screened for Retinopathy of Prematurity Jeffrey D. Kuziel
3:23 PM – 3:26 PM	Comparison of Anti-VEGF Therapy for Retinopathy of Prematurity: A Meta-Analysis Abed (Abdulrahman) Baiad
3:26 PM – 3:29 PM	Ifi2712a: A Novel Target for Retinopathy of Prematurity Josephine Rudd Zhong Manis
3:29 PM – 3:30 PM	Closing Remarks Pamela E. Williams, MD
3:45 PM – 4:45 PM	Practice Management Workshop The Financial Status of US Pediatric Hospital, Associated Factors and Implications Eric Packwood, MD; Maria Patterson, MD; Danielle Ledoux, MD; Heather Modjesky; Iza Zabaneh
5:00 PM – 6:00 PM	Corporate Sponsored Symposium (No CME)
7:00 PM – 10:00 PM	Closing Reception

THURSDAY, APRIL 11, 2024

6:30 AM – 10:40 AM	Registration
6:30 AM – 8:00 AM	Breakfast
6:30 AM – 7:30 AM	Poster Viewing (2 nd Set) (Authors not present) – CME eligible
7:30 AM – 8:00 AM	Poster Removal (2 nd Set)
7:30 AM – 9:00 AM	Difficult Problems – Non-Strabismus Workshop Phoebe Lenhart; Virginia Utz; Natalie Weil; Evan Silverstein; Sudha Nallasamy; Carolina Adams; Daniel Nelson; Sasha Mansukhani
9:10 AM – 10:40 AM	Difficult Problems – Strabismus Workshop William V. Good, MD; Stephen Brooks, MD; Susan M. Carden, MD; Linda Dagi, MD; Federico Velez, MD; Jane Edmond, MD; Stephen Christiansen, MD
10:40 AM	End of the 2024 Annual Meeting

Hard Board Posters

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

First Set of Posters – Poster Session A

First set of posters will be displayed from 4:00 PM Sunday, April 7 – 11:30 AM Tuesday, April 9

Author Attended Formal Poster Session: Monday, April 8, 9:45 AM – 10:45 AM

AMBLYOPIA

A1 What Causes Slow Reading by Amblyopic Children?

Eileen E. Birch, PhD

A2	Impact of Occlusion Therapy on Parenting Stress and Child Functioning Among Children with Poor Visual Acuity in the Infant Aphakia Treatment Study Carolyn Drews-Botsch, MD
A3	Digital Therapeutic User Behaviors Associated with Amblyopia Recovery Isdin Oke, MD, MPH
A4	Changes in Suppression and Visual Function During Conventional Treatment of Childhood Amblyopia Doaa Elfadaly, MD, FRCS, FRCOphth
A5	Refractive Effects of Amblyopia Treatment with Atropine: A Comparison to Atropine Treatment in Progressive Myopia Katherine Kindle
A6	Validity of Accommodative Amplitude and Accuracy by Nott Dynamic Retinoscopy in Children with Amblyopia Aparna Raghuram, OD, PhD
A7	Visual Search of Contrast-Rebalanced Images in Amblyopia Fatema Ghasia

ANTERIOR SEGMENT

A8	Variability in the Evaluation and Management of Uncomplicated Neonates with Conjunctivitis Bailee J. Deshler, BS
A9	Recombinant Human Nerve Growth Factor (rhNGF) for Pediatric Neuropathic Keratopathy: Outcomes and Corneal Scarring Leyla Yavuz Saricay
A10	Visual Outcomes of Penetrating Keratoplasty in Children in a Developing Country Marian Reyna
A11	Pediatric Ocular Surface Inflammatory Diseases (POSID): Clinical Feature and Practice Patterns Simon Fung

CATARACT

A12	Efficacy and Safety of NdYAG Laser Capsulotomies in Children Kavitha Kalaivani
A13	Tandem Bed Induction for Slit-Lamp Laser Procedures Performed under General Anesthesia in Adult Size Children and Special Needs Adult Patients Daniel Nguyen, BSE
A14	Social Determinants of Health and Visual Outcomes in Pediatric Cataract Anne M. Dersch, MD
A15	Quantifying Infant's Fixation to Light and Reaction Time, Before and After Surgery for Bilateral Congenital Cataract Goura Chattannavar
A16	The Management of Pediatric Cataracts and Strabismus in Antigua, Guatemala: A Twenty-Two Year Retrospective of a Long-Term Partnership Stacey J. Kruger, MD
A17	Causative Genetic Mutation Identified in 40% of Children with Bilateral Cataracts using Commercially Available Genetic Testing Caitlin M. Logan, MD, PhD

GENETICS

A18	Comparison of Genetic Resource Utilization among Ophthalmologists Maria F. Villalba, MD
A19	Genetic Background of High Myopia in Children Manca Tekavcic Pompe
A20	Rbp3-Deficient Mice Recapitulate Human High Myopia with Retinal Dysfunction August D. Bratti
A21	Atropine Shows a Concentration- and Frequency-Dependent Inhibition of Axial Eye Growth in Marfan Syndrome Mice Jefferson J. Doyle

- A22 Association of Ocular Disease with Cardiovascular Comorbidities in Patients Diagnosed with Marfan Syndrome
Elaine Tran, MD
-
- A23 Clinical and Genetic Features of ADAMTSL4-Related Ectopia Lentis in a Large International Cohort
Katie M. Williams
-
- A24 A Novel NHS Microdeletion Leading to Nance-Horan Syndrome: Familial Case Report and Literature Review
Elizabeth Ransone, MS
-
- A25 The Ocular Phenotype of Peroxisome Biogenesis Disorders
Noora N. Dbayat
-
- A26 Genotype-Phenotype Associations of Glaucoma in Anterior Segment Dysgenesis
Elizabeth M. Bolton, MD

GLAUCOMA

- A27 Ocular Characteristics of Pediatric Glaucoma Suspects
Alice Tao
-
- A28 The Robison D. Harley, MD Childhood Glaucoma Research Network (CGRN) International Pediatric Glaucoma Registry: The First 872 cases
Stephanie R. Beldick, MD, MSc
-
- A29 Race/Ethnicity Characteristics in Patients with Primary Congenital Glaucoma Undergoing Angle Surgery
David A. Ramirez
-
- A30 Semi-Automated Evaluation of Trabecular Meshwork and Schlemm Canal Imaged with Overhead-Mounted OCT in Healthy and Primary Congenital Glaucoma Infants
Aiden P. Gregston, MD
-
- A31 Evaluation of Meibomian Gland and Tear Film Alterations in Childhood Glaucoma
Muhammad Z. Chauhan
-
- A32 Atraumatic Ruptured Globes in Infant Eyes with Glaucoma: Rare but Real!
Suzanna L. Joseph
-
- A33 Clinical Characteristics and Treatment Outcome of 98 Patients with Childhood Glaucoma
Nancy N. Hanna, MD
-
- A34 Evaluation of the Macular and Peripapillary Vascular Parameters in the Fellow Eyes of Unilateral Primary Congenital Glaucoma: A Comparative Study
Abdelrahman M. Elhusseiny
-
- A35 Factors and Outcomes Associated with Corneal Edema and Haabs Striae in Primary Congenital Glaucoma
Brenda L. Bohnsack
-
- A36 Pediatric Glaucoma Outcomes in Sturge-Weber Syndrome as Modified by Socioeconomic Determinants
Sharmila Segar, MD

LOW VISION

- A37 Characterization of Pediatric Blindness and Low Vision in an Academic Practice: A 5-Year Analysis
Suzie Kim
-
- A38 Barriers to Accessing Low-Vision Rehabilitation in Canada and the United States for the Pediatric Low-Vision Population
Christine Law, MD

NASOLACRIMAL SYSTEM

- A39 Incidence and Outcomes of Pediatric Dacryocystitis Among a Population-Based Cohort of Infants with Congenital Nasolacrimal Duct Obstruction
Grayson B. Ashby
-
- A40 Association Between Congenital Nasolacrimal Duct Obstruction And Otitis Media
Taylor J. Linaburg, MD

NEURO-OPHTHALMOLOGY

A41	Quality, Reliability, Technical Quality, and Readability of Online Information on Idiopathic Intracranial Hypertension Salah Abdelnaem
A42	The Clinical Characteristics of Asymptomatic IIH Lindsay D. Rothfield, MD
A43	Treatment of Pediatric Pseudotumor Cerebri Syndrome with Topiramate Jacqueline G. Jeon-Chapman
A44	Exploring the Etiologies Underlying Pediatric Papilledema at a Tertiary Care Children's Hospital Andrew F. Fischer
A45	Quality and Agreement of Papilledema and Pseudopapilledema Classification Among Pediatric Neuro-Ophthalmologists using Optic Disc Photographs Mark J. Phillips, MD
A46	Otitic Hydrocephalus and Papilledema: Re-Evaluating a Treatment Paradigm Ryan Gise, MD
A47	Vision Outcomes for Intracranial Hypertension Cases Managed with Acute Versus Delayed Lumbar Drain Placement Mairghread Casey, MD

NYSTAGMUS

A48	Opsoclonus in Children: Diagnosis and Etiology of Opsoclonus in a Tertiary Pediatric Hospital Melissa Yuan, MD
A49	Strabismus Correction Behind the Equator when Exotropia and Nystagmus are Treated Simultaneously Ping Wang, MD
A50	Shortening Recti for Large Recessions to Minimize Nystagmus Dongsheng Yang, MD

OCULOPLASTICS

A51	Predicting Length of Stay in Pediatric Orbital Cellulitis Soman Khan, BS
A52	Predicting Substantial Ocular Injury in the Setting of Pediatric Orbital Fractures Jennifer Welcher, MBA

PRACTICE AND WORKFORCE MANAGEMENT – PUBLIC HEALTH

A53	Lack of Pediatric Subspecialty Training as a Barrier to Non-Pediatric Ophthalmologists Providing Children Eye Care Erika Pereira
A54	Primary Care Residents' Perceptions of Eye Care Curriculum and Training Theodora Vorias, BA
A55	Recruiting the Next Generation of Pediatric Ophthalmologists: A Success Story David Skanchy, MD
A56	Implementing Virtual Pediatric Eye Disease Training for Public Health Students in Chiang Rai, Thailand Fountane Chan, BS
A57	Identifying Gaps in Medicaid Vision Coverage Emmeline J. Kim, MD
A58	Understanding the Burden of Uncorrected Refractive Error and Ocular Pathology Identified in a School-Based Vision Program Megan E. Collins, MD, MPH
A59	Cost as a Barrier to Pediatric Eyeglasses Amani Mubeen
A60	Pediatric Ophthalmologist Perspectives on Cost as a Barrier to Eyeglasses Rhea Sridhara
A61	Cost to Detect Ocular Conditions in Children of a Single County Meagan T. Tran
A62	Clinical Characteristics of Patients Undergoing Examination under Anesthesia in a Referral Hospital in Mexico City

Indumathi Krishnan-Sivadoss

A63 Characteristics Associated with Loss to Follow-Up After Pediatric Emergency Department Encounters for Ocular Complaints
Otana A. Jakpor, MD, MSc

A64 What Can We Learn from the Complex Sex-Based Associations of Myopia with Anthropometric Indices
Eedy Mezer, MD

REFRACTIVE ERRORS

A65 Subjective versus Objective Refraction in Healthy Young Adults: A Retrospective Cohort Study
Tal Yahalomi

A66 Visual and Refractive Outcomes in Marfan Syndrome
Deborah K. VanderVeen, MD

A67 Contact Lens Correction For High Anisometropia In Phakic Infants And Young Children
Magdalena Stec, OD

A68 Comparison of Refraction With a Vision Screener and an Autorefractor in Children Aged 7 Years or Younger, With and Without Strabismus
Lulwa El Zein, MD

A69 Excimer Laser Refractive Surgery, Intraocular Lens Implantation and Refractive Lens Exchange Outcomes for Children with Neurodevelopmental Disorders
Nicholas Faron, DO

A70 Etiology and Characteristics of Pediatric Early Onset High Myopia
Alina Dumitrescu

A71 Quality Analysis of Publicly Available Videos for Managing Myopia Progression
Daniel Henick, MD

RETINA

A72 Unilateral Retinal Hemorrhages in Shaken Baby Syndrome: A Case Series
Omi Pang

A73 Retinal Hemorrhages in Children with Intracranial Pathology in a Tertiary Care Center
Rachelle Srinivas

A74 Risk of Uveitis Associated with Coronavirus Infection in Pediatric Population
Sajida Chauhan

A75 Intravitreal 0.18-mg Fluocinolone Acetonide Implant for Refractory Pediatric Non-Infectious Uveitis
Stephanie Wangyu, MD

A76 Strategies to Achieve Therapeutic Control after Development of Anti-Adalimumab Antibodies in Pediatric Non-Infectious Uveitis
Tiffany J. Wu, MD, MPHS

A77 Clinical Findings in Children with Familial Exudative Vitreoretinopathy (FEVR)
Marielle P. Young

RETINOBLASTOMA

A78 Ocular Oncology and Social Media: The Need for Increased Physician Engagement on Retinoblastoma
Tahvi Frank, MD, MPH

A79 Familial Retinoblastoma: Variations in Clinical Presentation and Management Based on Paternal versus Maternal Inheritance
Megan Ruben, MD

RETINOPATHY OF PREMATUREITY

A80 Improving Understanding of ROP Screening
Heather Stiff, MD

A81 Screening At-Risk ROP Patients: Use of a Single Small Field Image Centred on the Optic Nerve
Yse Borella

A82 Adverse Effects of Retinopathy of Prematurity Screening on Feeding Readiness in Neonatal Intensive Care Infants

Urjita Das

A83	Examining Guidelines for Late Follow-up of Type 2 Retinopathy of Prematurity Barry N. Wasserman, MD
A84	Factors Influencing Missed Outpatient Appointments in Infants with Retinopathy of Prematurity Nikita Mokhashi
A85	Factors Associated with Stage of Retinopathy of Prematurity Among Patients at a Rural Academic Center Andrew Beiter
A86	The Relationship Between the First Retinopathy of Prematurity (ROP) Exam and Development of Type 1 ROP Lance C. Dzubinski
A87	Retinal Blood Flow Association with Age and Weight in Infants at Risk for Retinopathy of Prematurity Euna Cho
A88	Severity of Retinopathy of Prematurity Does Not Correlate with Timely Prenatal Care Ryan A. Frisbie, MD, MPH
A89	Anemia of Prematurity Associated with Retinopathy of Prematurity in Gestational-Age Matched Newborns Sonia Francone

STRABISMUS

A90	Using Autorefraction Data to Predict Strabismus with Deep Learning Technology Aysha M. Sheik, BS
A91	Preoperative Stereoacuity Assessment in Children with Constant Esotropia Brian G. Mohny
A92	Prematurity Associated Non-Accommodative Esotropia Pavlina S. Kemp
A93	Clinical Findings, Surgical Management and Outcomes in Adults with Acquired Comitant Esotropia Potyra R. Rosa
A94	Efficacy of Botulinum Toxin in Acute Acquired Comitant Esotropia Aysel Pelit, MD
A95	Ten Years' Experience of Botulinum Toxin for Strabismus in a Tertiary Care Hospital Lina Alkahmous, MSc, OC(C)
A96	Botulinum Toxin Injection Versus Conventional Surgery for The Treatment Of Infantile Esotropia Shatha Alfreihi
A97	Comparison of Clinical Characteristics within the Refractive Status of Divergence Insufficiency Esotropia Tia Bodi
A98	Consecutive Exotropia following Bilateral Medial Rectus Recession using Scleral Fixation with additional Central Intramuscular Path Sharon Blum Meirovitch
A99	Copy Number Variants (CNVs) Associated with Esotropia are also Found in Exotropia Mary C. Whitman
A100	Everyday Consequences of Childhood Intermittent Exotropia Reed M. Jost, MS
A101	Reading Performance under a Virtual Reality Environment in Children with Intermittent Exotropia Seung Ah Chung

STRABISMUS SURGERY

A102	Surgical Outcomes in Cyclic Strabismus Noemi Rosello
A103	Asymmetrical Medial Rectus (MR) Recession Under Topical Anesthesia for Age-Related Distance Esotropia (ARDE) in Sagging Eye Syndrome (SES) Joseph L. Demer, MD, PhD
A104	Bilateral Medial Rectus Recessions for Small-Angle Esotropia: The Rule of 5.5 Tais Estrela, MD
A105	The Results of Surgical Management of Consecutive Esotropia Following Surgery to Correct Exotropia Sarah N. DeVaro, MD

A106	Do Exotropic Patients Show More Exotropic Drift Post-Operatively than Esotropic Patients? Colin R. LeSage, MBA
A107	Evaluation of Non-Operated Pre-Existing Inferior Oblique Overaction After Surgery for Horizontal Strabismus Guneet Mann, MD
A108	Comparison of the Effectiveness of Inferior Oblique Myectomy and Recession Procedures in Inferior Oblique Overactivation Anil T. Ozcil, MD, FEBO
A109	Surgical Outcomes in Adjustable Rectus Muscle Plication Farid Kalantaritari
A110	Surgical Outcomes in Plication for the Correction of Strabismus Laurel Lam, BS
A111	Surgical Management of Duane Syndrome with Limitation of Both Adduction and Abduction Robert Tauscher, MD
A112	Novel Technique Using Paretic Superior Rectus as Globe Suspender for Monocular Elevation Deficiency Gorka Sesma

VISION ASSESSMENT

A113	Reliability of Mobile App Visual Acuity Assessment in Ophthalmology Management Andrea Arline, MS
A114	An Eye Tracking-Based Dynamic Resolution Acuity Test - A Pilot Study Tamara Wygnanski-Jaffe, MD

VISION SCREENING

A115	Vision Screeners in Detecting Amblyopia and Strabismus and AAPOS 2021 Amblyopia Risk Factors Rachel L. Spurrier, DO
A116	Vision Screening Across a Pediatric Hospital System Using Traditional Optotype Versus Instrument Based Vision Screening For Ages 3-5 Over 1 Year Ian Boydstun
A117	Preliminary Guidelines for Pediatric Keratoconus Screening Using a Portable Handheld Photoscreener Constance Chen
A118	Analysis Of The Child Visual Health Screening Program In Portugal: Balancing Sensitivity And Specificity In Amblyopia Detection Inês Coelho da Costa
A119	Accuracy of a Virtual Visual Screening Platform for Predicting Refractive Errors and Strabismus in Children Luisa M. Hopker
A120	Vision Screening is Associated with Household Language among Children in the United States Brian T. Cheng, MD

Second Set of Posters – Poster Session B

Second set of posters will be displayed from 4:30 PM Tuesday, April 9 – 8:00 AM Thursday, April 11
Author Attended Formal Poster Session: Wednesday, April 10, 9:45 AM – 10:45 AM

AMBLYOPIA

B1	Self-Reported Physical Activity in School Age Children with Amblyopia Brooke A. Koritala, BS, BA
B2	Amblyopia and Physical Activity in Adolescents Brooke Saffren
B3	Social Determinants of Health Associated with Amblyopia Follow-Up Andrea Tham, MD
B4	Association between Socio-Demographic Factors and Unfavorable Visual Outcomes in Amblyopic Children

Amanpreet Singh

B5 Evaluation of Publicly Available Social Media Information on Vision Therapy

Olivia Uddin, MD, PhD

B6 Accommodation in Children With and Without Amblyopia

Tawna L. Roberts, OD, PhD

ANTERIOR SEGMENT

B7 Ethnic Differences in Findings and Visual Outcomes in Blepharokeratoconjunctivitis

Maxwell J. Wilberding

B8 Corneal Confocal Microscopy Assessment of Paediatric and Young Adult Diabetic Corneal Neuropathy

Vinit H. Majmudar

B9 A Rare Case of Spontaneous Hyphema Secondary to Gestational Alloimmune Liver Disease (GALD)

Yasaman Ataei, MD

B10 Misdiagnosis of Open Globe Injury in the Pediatric Population

Jintong Liu

CATARACT

B11 Association of Neighborhood Child Opportunity Index in Children with Pediatric Cataract

Bharti R. Nihalani-Gangwani

B12 Postoperative Guidelines for Pediatric Cataract and Glaucoma Surgeries Among Ophthalmologists: A Survey of Preferred Surgeon Instructions

Angela M. Ngo, MS

B13 Scleral Fixated Intraocular Lens in Pediatric: Meta-Analysis and Systematic Review

Taghreed Alnajjar

B14 Longitudinal Study of Endothelial Cell Density in Aphakic Children After Congenital Cataract Extraction in Infancy

Hedwig Sillen

B15 Outcomes of Pediatric Cataract Surgery: Glaucoma and Reoperation Rates

Mohammad Bakr, MD

B16 Outcomes of Cataract Surgery in Children with Aniridia

Sumita Agarkar

B17 Ophthalmic Outcomes Five Years After Cataract Surgery Among Children with Down Syndrome

Alejandra G. de Alba Campomanes, MD, MPH

B18 Does Size Matter? Outcomes of 20 vs 23 Gauge Vitrectomy in Congenital Cataract Surgery

Kamiar Mireskandari

B19 Ocular Axial Length Changes in Pseudophakic Children after Cataract Surgery

Nigar A. Hasanova

GENETICS

B20 Correlation of Flash Visual Evoked Potentials with Visual Acuity and Goldmann Visual Fields in Pediatric Patients with Inherited Retinal Disorders

Giulia Steuernagel Del Valle, MD

B21 Variability in 3-Channel Flash Visual Evoked Potential in Albinism

Margaret R. Strampe, MD

B22 The Essential Role of Genetic Testing in Diagnosing Stargardt Disease

Rithvik R. Nalamalapu, BS

B23 Optic Atrophy as the Presenting Sign of X-Linked Congenital Stationary Night Blindness in Children with CACNAF1 Mutations

Nasrine Anaïs El Salloukh

B24 Distribution and Comparison of Type I vs. Type II Stickler Syndrome

Jennifer L. Rossen, MD

B25 Ocular Manifestations of CHARGE Syndrome in a Pediatric Cohort with Genotype/Phenotype Analysis

Kunal Kanwar

B26 Progressive Retinal Dysfunction in Gyrate Atrophy Mice Offers an Opportunity to Test Novel Gene Editing and Gene Replacement Therapies

Julia Johansson

GLAUCOMA

B27	Quality, Reliability, Technical Quality, and Readability of Online Information on Childhood Glaucoma Omar Shaikh
B28	Measuring Blood Flow in Pediatric Glaucoma Patients Using Laser Speckle Contrast Imaging Nisarg Shah
B29	Anterior Chamber Depth as a Novel Independent Predictor of Glaucoma Following Congenital Cataract Surgery Claudia Wong
B30	Anterior Segment Structure After Angle-Based Surgery in Childhood Glaucoma: Descriptive Findings Using Overhead-Mounted Optical Coherence Tomography Rohini R. Sigireddi, MD
B31	Time to Failure of Polypropylene versus Silicone Valved Glaucoma Drainage Implants in Children Marlee Silverstein, MD
B32	Concurrent Adjacent Strabismus Surgery with Glaucoma Drainage Device Placement in Childhood Glaucomas Adam Jacobson
B33	Early Experience with Micropulse Transscleral Diode Cyclophotocoagulation for Refractory Childhood Glaucomas Raymond G. Areaux, Jr.
B34	Continuous Wave Transscleral Cyclophotocoagulation and Endoscopic Cyclophotocoagulation in Childhood Glaucoma: A Meta-Analysis Jamal O. Azhari

LOW VISION

B35	Adaptive Functioning and Relationship to Visual Behavior in Children with Cerebral Visual Impairment Randy Nguyen
B36	Referral Patterns for Patients with CVI Diagnosis to Intervention Program for Visually Impaired Children Lauren C. Mehner, MD, MPH
B37	Higher Visual Function Deficits (HVFDS) with Varying Levels of Visual Acuity (VA) Loss in Children with Cerebral/Cortical Visual Impairment (CVI) Silvia Veitzman, MD, PhD

NASOLACRIMAL SYSTEM

B38	Long Term Outcome for Conservative Management Of Recurrent Symptoms In Congenital Nasolacrimal Duct Obstruction Treated with Balloon Dacryoplasty Mohamed M. Hussein
B39	Novel Technique for Prevention of Bicanalicular Stent Prolapse Jacob S. Martin, MD
B40	Corneal Ulcers Following Nasolacrimal Duct Intubation Brittany Marks, BA

NEURO-OPHTHALMOLOGY

B41	Risk of Cranial Nerve Palsies and Double Vision Following CSF Diversion Procedures for Normal Pressure Hydrocephalus: A Large Database Study A. Paula Grigorian
B42	FALCON: A Prospective Natural History Study of Patients with Autosomal Dominant Optic Atrophy (ADOA) Yaping Joyce Liao, MD, PhD
B43	OSPREY: An Open-Label Study Investigating the Safety, Tolerability, and Exposure to the Antisense Oligonucleotide (ASO) STK-002 in Patients with ADOA Patrick Yu-Wai-Man
B44	Case Series of Pediatric Optic Nerve Sheath Meningiomas Carlthan J. Ling

- B45 Clinical Characteristics and Surgical Outcomes in Patients with Strabismus Secondary to Traumatic Brain Injury
Michelle S. Attzs, MD
-
- B46 The Relationship of Ganglion Cell Layer and Visual Outcomes in Children with Sellar Tumors
Michael Curley
-
- B47 Ocular Screening Guidelines for MEK Inhibitors in a Pediatric Population: A Retrospective Review of Ocular Toxicity
Vikisha Hazariwala, DO

NYSTAGMUS

- B48 Neurological Characteristics of 450 Patients with Infantile Nystagmus and Developmental Delay
Doris Canes Napoles, MD
-
- B49 Demographic and Clinical Characteristics of 504 Patients With Infantile Nystagmus Syndrome (INS) and Developmental Delay
Richard W. Hertle
-
- B50 Genetic Diagnosis and Analysis in Pediatric Patients with Infantile Nystagmus Syndrome
Xiaoming Gong, PhD
-
- B51 ERG & Pediatric Nystagmus: The SickKids Experience
Frederick R. Burgess, FRCOphth

OCULOPLASTICS

- B52 Chronic Chalaziosis in a Pediatric Population
Carleigh N. Bruce
-
- B53 Intubation Methods and Outcomes of Pediatric Canalicular Laceration Repair
Alyssa Spiller, BS
-
- B54 Ophthalmologic Abnormalities Associated with Rare Craniofacial Clefts
Anny Zhong

PRACTICE AND WORKFORCE MANAGEMENT – PUBLIC HEALTH

- B55 Comparison of Dyslexia Knowledge and Practice Patterns Among Pediatric Providers
Deniz Goodman, BA
-
- B56 Exploring Pathways for Achieving Sustainability in the Hospital, Clinic, and Operating Room
Julie Conley, MD
-
- B57 US Youth Perspectives on Eye Trauma and Eye Protection
Olivia J. Killeen
-
- B58 Analysis of Depictions of Eyes & Eye Conditions in Children's Literature
Srimathy Jain
-
- B58 Beezin: A Potentially Harmful Social Media Trend
Juno Cho
-
- B60 Risk of Sixth Nerve Palsy following COVID-19 Vaccination
Paul H. Phillips
-
- B61 Vaccine-Associated Uveitis after Covid-19 Vaccination in Pediatric Population
Emily K. Tam

REFRACTIVE ERRORS

- B62 Google Trend Analysis of Public Interest in Preventing Myopic Progression
Nathalie E. Perez
-
- B63 Progression of Myopia in School-Aged Children and Adolescents in an Economically Disadvantaged Area During COVID-19 Pandemic
Eun Yoon, MD
-
- B64 0.01% and 0.02% Low-Dose Atropine May Not Show a Dose Dependent Treatment Effect: Evidence from the CHAMP Trial in Pediatric Myopia
Jennifer S. Fogt, MS, OD
-
- B65 Dual Focus Contact Lenses vs. 0.05% Atropine in Myopia Control: 1 Year Data
Noreen Shaikh, OD

B66 Uncorrected Visual Acuity and Light-Dark Asymmetry in Myopic Children
Jingyun Wang

RETINA

B67 Association of Foveal Immaturity on Handheld Spectral Domain Optical Coherence Tomography with Visual and Refractive Outcomes in Premature Infants at 9 Months, 2 Years, and 5 Years of Age
Jeannette Y. Stallworth, MD

B68 Stereotactic Radio-Surgery in the Management of Sturge-Weber Syndrome-Associated Choroidal Hemangioma
Joshua Shin

B69 An Examination of Retinal OCT, Brain MRI, and Hematology Values in Children with Sickle Cell Disease
Dorothy Hendricks

B70 Novel Fundoscopic Features in Mucopolysaccharidosis Type VI: Multimodal Evaluation of Scleral Deposits
Margarida Ribeiro, MD

B71 Incidence and Timing of Ophthalmologic Manifestations of Congenital Cytomegalovirus (CMV): Screening Guidelines
Abdelhamid Y. Hindi

B72 Incidence of Ocular Pathology in Infants with Congenital Cytomegalovirus (cCMV) and Recommended Protocol for Screening Exams
Victoria Miller, MD

RETINOBLASTOMA

B73 Association of Neighborhood Opportunity with Severity of Retinoblastoma at Presentation
Francisco Altamirano-Lamarque, MD

B74 Outcomes After Enucleation for Retinoblastoma
Kristi Michels, MD

B75 Advancing Pediatric Ophthalmology through Intraorbital Embolization Techniques and Mitigating Ultrasound Risks: A Radiology-Ophthalmology Collaboration
Pareena Sharma

RETINOPATHY OF PREMATURITY

B76 Area Deprivation Index and Severity of Retinopathy of Prematurity
Rebecca E. Tanenbaum, MD

B77 Retinopathy of Prematurity in Infants Born <24 Weeks
Marjan Imani Fooladi

B78 Refraction, Visual Acuity, and Anatomic Outcomes Following Retinal Detachment Repair in Retinopathy of Prematurity in a Contemporary Cohort
Jennifer Jung

B79 Factors Associated with ROP Treatment in a Large National Claims Database Vary by Birth Weight
Sarah H. Rodriguez

B80 Intravitreal Injections for Retinopathy of Prematurity (ROP) - International Survey of Current Practice
Eleanor McCance

B81 Do Infants Need Further Treatment after Receiving a Single Injection of Bevacizumab for Severe Retinopathy of Prematurity?
Maram Isaac

B82 Laser versus Anti-VEGF Treatment: Real-World Outcomes for Treatment of Type 1 Retinopathy of Prematurity
Anne Strong Caldwell

B83 Intravitreal Anti-VEGF versus Laser Photocoagulation in Retinopathy of Prematurity: An Updated Systematic Review and Meta-Analysis
Mariana Tosato Zinher, MD

B84 Focus and Shoot: Why is it Hard in ROP?
Stephanie Tiew

B85 Comparative Analysis of Neonates Undergoing Laser Surgery for Retinopathy of Prematurity Based on Respiratory Support
Jason Peng

STRABISMUS

B86	Analysis of Surgical Outcomes in Convergence Insufficiency Type Exotropia and Efficacy of Diagnostic Monocular Occlusion Test Hae Ri Yum, MD, PhD
B87	The Effect of Over-Minus Glasses for Exotropia on Progression of Myopia Maya L.M. Yamane, MD
B88	Development of New Anomalous Head Postures and Pattern Strabismus in Consecutive Esotropia Patients Christopher Lasecki, MD
B89	Digital Device Use Habits in Adult Population and Its Possible Impact on Diplopia Betul Bayraktutar, MD
B90	Online Visibility and Scientific Relevance of Strabismus Research: Bibliometric Analysis Saurabh Jain
B91	MRI-Based 3D Reconstruction of Extraocular Muscles for In Vivo Geometric Quantification Aliya C. Roginiel, MD, MPH
B92	The Prior Retina Intervention with Subsequent Muscle (PRISM) Surgery Study William J. Johnson, MD
B93	Ocular Misalignment in Ehlers-Danlos Patients: A Chart Review S. Madison Duff
B94	Prevalence and Types of Strabismus in Patients with Stickler Syndrome Osama Al Deyabat
B95	Clinical Characteristics and Treatment of Pediatric and Adult Paralytic Strabismus in Mexican Population Yordan R. Miranda-Cepeda

STRABISMUS SURGERY

B96	Comparison of Surgical Outcomes between Trainee and Staff Surgeon-Performed Medial Rectus and Lateral Rectus Recession Isabella H. Yazji, BA
B97	Implications of Strabismus Surgery Timing in Childhood on Subsequent Mental Health: A Retrospective Cohort Study Sai S. Kurapati, MS
B98	A Prospective Longitudinal Study on the Outcome of Augmented Conscious Sedation in Single Stage Adjustable Strabismus Surgery Muralidhar Rajamani
B99	Central-Sparing Graded Mini-Tenotomy Approach Arhem F. Barkatullah, BS
B100	Novel Surgical Method of Anterior Ciliary Vessels Preservation in Routine Strabismus Microsurgery Meihua Pan
B101	Predictors of Success Following Bilateral Lateral Rectus Recession for Intermittent Exotropia Hejin Jeong
B102	Outcomes of Modified Nishida's Procedure for Various Forms of Incomitant Strabismus Hennaav K. Dhillon
B103	Strabismus Surgery Outcomes in Patients with Aberrant Regeneration of Cranial Nerve III Niloufar Rohani, MD
B104	Botulinum Toxin Chemodenervation to Increase the Effect of Recession-Resection Surgery in Third Nerve Palsy Caroline Seto
B105	Lower Eyelid Retractor Lysis to Minimize Retraction Following Inferior Rectus Recession Marybeth K. Farazdaghi, MD
B106	The Effect of Graded Inferior Oblique Z-Lengthening Partial Width Myotomy for Small Hypertropias with Cyclotorsion Mona Fayad
B107	Bilateral Vertical Rectus Partial Tendon Surgery for Comitant Strabismus Richard Helms, MD, PhD
B108	Factors Associated with Success and Reoperation in Surgical Management of Dissociated Vertical Deviation Nadia Abbass

B109	Novel Approach of Triple Pass as Double Augmentation of Knapp Procedure in Double Elevator Palsy Neelam Pawar
B110	Strabismus Patterns and Surgical Outcomes in Teprotumumab-Treated Thyroid Eye Disease: A Single-Center Analysis Hannah L. Walsh
B111	Strabismus Surgery with and without Teprotumumab Treatment Stephanie M. Tillit, MD
B112	Telemedicine as a Safe and Effective Method for Initial Post-Operative Appointments for Strabismus Surgery Majida Gaffar, MD
B113	Trends in Adult Strabismus Procedure Volumes during the COVID pandemic Alexander Kwok

VISION ASSESSMENT

B114	Concordance between Virtual Reality Perimetry and Standard Automated Perimetry in Pediatric Patients with a Spectrum of Visual Field Defects Alexandra Sebren
B115	The Effectiveness and Practicality of a Retinoscopy Attachment Device for Uncooperative Pediatric Populations Sonia Kim, BA

VISION SCREENING

B116	Outcome of Referral Program Improving Access to Care after In-School Eye Examinations Tahir Kuraan, BS
B117	Pre-Cycloplegic Diagnostic Value of Photoscreening and Accommodation-Relaxing Skiascopy Jacob D. Schaafsma, BS
B118	State-Mandated Vision Screenings and Device Screener Accuracy Compared to In-School Cycloplegic Refraction Kayla Tucker, OD
B119	Implementation of a Train-the-Trainer Model in Vision Screening in Rural Thailand Mani K. Woodward
B120	The Negative Impact of Broken Vision Screening Devices in a Large Pediatric Practice Ileana M. Nieves Martinez