American Association for Pediatric Ophthalmology and Strabismus 47th Annual Meeting, March 23-27, 2022, Preliminary Program, Scottsdale, AZ

WEDNESDAY, MARCH	23. 2022
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: Strategic Business Concepts for Physicians and Administrators
1:00 PM - 4:00 PM	Poster Set Up (1st Set)
4:00 PM - 6:00 PM	Poster Viewing (1st Set) (Authors not present) CME eligible
4:00 PM - 5:00 PM	OMIC Workshop
	Best Practices in Informed Consent, Documentation, and Disclosure of Medical Errors
	R. Michael Siatkowski, MD & Denise Chamblee, MD
6:15 PM – 7:00 PM	International Attendees Reception
7:00 PM – 9:00 PM	Opening Reception
THURSDAY, MARCH 2	
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 – 5:00 PM	Administrators Program (includes Coding Workshop)
7:55 AM – 8:00 AM	Introduction and Welcome
	David K. Wallace, MD, MPH
8:00 AM – 8:15 AM	AAPOS President's Remarks, Honor Awards, Senior Honor Awards, Lifetime Achievement Awards
	Oscar A. Cruz, MD
8:15 AM – 8:20 AM	Introduction of Costenbader Lecture
007	Ankoor Shah, MD, PhD
8:20 AM – 8:45 AM	Costenbader Lecture
	Supported by the Children's Eye Foundation of AAPOS
	The Story of Retinal Polarization Scanning – from Inspiration to Commercialization
	David G. Hunter, MD, PhD
8:45 AM – 8:48 AM	Presentation Ceremony
	Derek T. Sprunger, MD
	AMBLYOPIA – STRABISMUS
8:48 AM – 8:55 AM	Amblyopia Treatment Outcomes from a Clinical Data Registry  Michael X. Repka, MD, MBA
8:55 AM – 9:02 AM	Randomized Clinical Trial of Streaming Binocular Contrast-Rebalanced Dichoptic Movies versus
	Patching for Treatment of Amblyopia in Children Aged 3 to 7 Years
	Reed M. Jost, MS
9:02 AM – 9:06 AM	DISCUSSION OF PRÉVIOUS PAPER
	Kathryn M. Haider, MD
9:06 AM – 9:13 AM	Long-Term Strabismus Outcomes after Unilateral Infantile Cataract Surgery in the Infant Aphakia
	Treatment Study
	Stephen P. Christiansen, MD
9:13 AM – 9:20 AM	Automated Measurement of the Range of Eye Movement in Patients with Strabismus  Hanwoong Lim, MD
9:20 AM – 9:27 AM	Can Machine Learning (ML) Distinguish Hypertropia (HT) in Sagging Eye Syndrome (SES) From
3.20 / tivi 3.27 / tivi	Superior Oblique Palsy (SOP)?
	Joseph L. Demer, MD, PhD
9:27 AM – 9:34 AM	Effect of Patch Testing on Strabismus Angular Deviation in Children
5.27 AW 5.54 AW	Arjav Shah, MPHS
9:34 AM – 9:41 AM	Non-Surgical Consecutive Exotropia following Childhood Esotropia: A Multicentered Study Sina Khalili, MD
9:41 AM – 9:55 AM	PANEL DISCUSSION
9:55 AM – 10:55 AM	Interactive Poster Session – Author Presentation and Q/A
0.00 / NVI 10.00 / NVI	1st Set of Posters (A1-A96) – Authors Present – CME eligible
	(Odd Numbered Posters 9:55 – 10:30; Even Numbered Posters 10:20 – 10:55)
11:00 AM – 11:15 AM	Presentation of Parks Medals & Children's Eye Foundation of AAPOS Update
	Derek T. Sprunger, MD; Bradley C. Black, MD
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11:15 AM – 11:16 AM	Introduction of the Founders Series Lectures  David K. Wallace, MD, MPH
11:16 AM – 11:21 AM	Introduction of Jampolsky Lecture
	Michael X. Repka, MD, MBA
11:21 AM – 11:41 AM	Jampolsky Lecture
	Reaching for the Holy Grail in Strabismus: The Mechanism Underlying Infantile Esotropia  David L. Guyton, MD
11:41 AM – 11:43 AM	Presentation Ceremony William V. Good, MD
	RETINA - OPTIC NERVE - RETINOPATHY OF PREMATURITY
11:43 AM – 11:50 AM	Long-Term Visual Outcomes in Familial Exudative Vitreoretinopathy (FEVR)  Scott C. Oliver, MD
11:50 AM – 11:57 AM	Optic Disc Edema Index: Differentiating Pediatric Papilledema from Pseudopapilledema with Optical Coherence Tomography  Alexis M. Flowers, MD
11:57 AM – 12:04 PM	Peripapillary Hyperreflective Ovoid Mass-like Structures (PHOMS) in a Pediatric Population Referred for Suspected Papilledema Elizabeth Eshun
12:04 PM – 12:10 PM	DISCUSSION OF TWO PREVIOUS PAPERS  Gena Heidary, MD, PhD
12:10 PM – 12:17 PM	International Classification of Retinopathy of Prematurity, 3rd Edition (ICROP3)  Michael F. Chiang, MD
12:17 PM – 12:24 PM	Outcomes for Spontaneously Regressed Retinopathy of Prematurity  Lauren M. Ehle, MD
12:24 PM – 12:31 PM	Two-year Ocular and Developmental Outcomes of a Phase 1 Dosing Study of Bevacizumab for Retinopathy of Prematurity  David K. Wallace, MD, MPH
12:31 PM – 12:35 PM	DISCUSSION OF PREVIOUS PAPER  David K. Coats, MD
12:35 PM – 12:42 PM	Semi-Automated Measures of Foveal Development by Handheld Swept-Source Optical Coherence Tomography May Paradoxically Correlate with Retinopathy of Prematurity Severity Emily K. Tam
12:42 PM – 1:00 PM	PANEL DISCUSSION
1:15 PM – 2:00 PM	AAPOS Business Meeting
2:15 PM – 3:15 PM	SEC Practice Management Workshop What We Are Learning from the COVID-19 Pandemic Eric A. Packwood, MD; Traci Fritz; Shira Robbins, MD; Lance Siegel, MD; Maureen Waddle, RN, MBA
3:30 PM – 5:00 PM	Documentation and Coding Updates for the Pediatric Practice in 2022  Anthony P. Johnson, MD, FACS, FAAP, OCS; Traci Fritz, COE;  Robert S. Gold, MD, FAAP; Eric A. Packwood, MD
4:30 PM – 6:30 PM	Jampolsky Founders Series Reception
7:00 PM – 10:00 PM	Children's Eye Foundation of AAPOS Gala
FRIDAY, MARCH 25, 20 6:30 AM – 5:00 PM	
6:30 AM – 7:30 AM	Registration Poster Viewing (1st Set) (Authors not present) CME eligible – Breakfast
	WORKSHOPS
7:00 AM – 8:15 AM	21st Century Superior Oblique Palsy Meets Artificial Intelligence Joseph L. Demer, MD, PhD; Robert A. Clark, MD; Soh Y. Suh, MD; Qi Wei, PhD
	Demystifying Dyslexia: Hints for the Ophthalmologist  Laura J. Heinmiller, MD; Deborah M. Alcorn, MD; Ta Chen Peter Chang, MD;  Sheryl M. Handler, MD; Tammy Yanovitch, MD

Sheryl M. Handler, MD; Tammy Yanovitch, MD on behalf of the Learning Disability and Dyslexia Committee

	Diagnostics that Changed What We Do in Pediatric Ophthalmology: AAPOS Research Committee Workshop Stacy L. Pineles, MD; Mary A. O'Hara, MD; Saurabh Jain, FRCOphth; Eric D. Gaier, MD, PhD; Tamara Wygnanski-Jaffe, MD; Kara M. Cavuoto, MD;
	Alejandra G. de Alba Campomanes, MD  Pediatric Cataract Surgery – Techniques and Strategies for 2022 and Beyond  M. Edward Wilson, MD; Erick Bothun, MD; David G. Morrison, MD;  Erin D. Stahl, MD; Serena X. Wang, MD
	WORKSHOPS
8:30 AM – 9:45 AM	What Do I Do Next? Approaching Diagnostic and Management Dilemmas in Congenital Anterior Segment Anomalies
	Ta C. Chang, MD; Deborah K. VanderVeen, MD; Raymond G. Areaux, MD; Bibiana J. Reiser, MD; Faruk Orge, MD
	Advancing Health Equity in Pediatric Eye Care: The Role of School-Based Vision Programs, Community Engagement, Advocacy, Research, and Medical Education  Megan E. Collins, MD; Christina Ambrosino; Mary Louise Z. Collins, MD;
	Michael X. Repka, MD, MBA
	Recognizing Pediatric Eye Problems That Can Save Lives – Cases Not to Miss!  Alex V. Levin, MD, MHSC, FRCSC; Andrea Avila, MD; Benjamin P. Hammond, MD;  Matthew D. Gearinger, MD; Bayan Al Othman, MBBS; Vikas Khetan, MD
	What's New and Important in Pediatric Ophthalmology and Strabismus Emily A. McCourt, MD; Prashanthi Giridhar, MD; Robert A. Clark, MD; Smith Ann M. Chisholm, MD; Carolina Adams, MD; Hersh Varma, MD; Lance M. Siegel, MD; Julius Oatts, MD; Austin Bach, DO; Alina V. Dumitrescu, MD
9:45 AM – 10:30 AM	Refreshment Break and Exhibit Viewing
	WORKSHOPS
10:30 AM – 11:45 AM	Surgical Techniques in Strabismus: An International Masterclass Saurabh Jain, FRCOphth; Jon Peiter Saunte, MD; Jan Tjeerd de Faber, MD; Ashwin Reddy, FRCOphth; Federico Velez, MD; Rosario M. Gomez de Liano, MD; I. Christopher Lloyd, FRCOphth; Gill Adams, FRCOphth
	AAPOS Pediatric Uveitis Committee: COVID-19 – Infection, Inflammation, and Challenges in Children with Non-Infectious Uveitis
	Brenda L. Bohnsack, MD, PhD; Virginia A. Miraldi Utz, MD; Stefanie L. Davidson, MD; Iris S. Kassem, MD, PhD; Ashley M. Cooper, MD; Mays A. El-Dairi, MD; Jing Jin, MD, PhD; Erin D. Stahl, MD
	Pediatric Eye Trauma Primer for the On-Call Ophthalmologist: A Case-Based Approach with
	Review of Seminal Papers  Ankoor S. Shah, MD, PhD; Kara M. Cavuoto, MD; Natalie C. Weil, MD;  Casey J. Beal, MD
	Pediatric Ophthalmology Recruitment Hawke H. Yoon, MD; Jennifer L. Rossen, MD; Phoebe D. Lenhart, MD; David G. Morrison, MD
11:30 AM – 12:00 PM	Poster Removal (1st Set)
	WORKSHOPS
1:15 PM – 2:30 PM	Does My Patient Have Glaucoma? Pearls and Pitfalls in Evaluation of Pediatric Glaucoma Suspects
	Amgad A. Eldib, MD; Kanwal Ken Nischal, FRCOphth; Alkiviades Liasis, MD; Preeti Patil, DNB
	Lids in Kids  Laura B. Enyedi, MD; Pimpiroon Ploysangam, MD; Daniel T. Weaver, MD;  Smith Ann M. Chisholm, MD; Tanuj Nakra, MD
	Innovations in Pediatric Ophthalmology and Strabismus: Diagnosis and Treatment Federico G. Velez, MD; Stacy L. Pineles, MD; Yasmin S. Bradfield, MD; Mays A. El-Dairi, MD; Kamiar Mireskandari, MBChB, FRCSEd; FRCOphth, PhD; Matthew S. Pihlblad, MD; Deborah K. VanderVeen, MD

AOC Workshop on Strabismus and Amblyopia: We're in Arizona – Let's Count the Vote! Searching for Truth in the Desert

Douglas R. Fredrick, MD; Steven M. Archer, MD; Cynthia L. Beauchamp, MD; Brian J. Forbes, MD, PhD; Dusty Gronemyer, CO; I. Christopher Lloyd, FRCOphth; Lindsay Klaehn, CO; Kimberly Merrill, CO; Omondi Nyong'o, MD; Jocelyn Zurevinsky, CO

#### **WORKSHOPS**

2:45 PM – 4:00 PM	Evaluating Optic Nerve Head Elevation
	Robert A. Avery, MD; Gena Heidary, MD, PhD; Stacy L. Pineles, MD; Carmelina Trimboli-Heidler, MD
	Congenital and Pediatric Cataract is Not a Diagnosis: Important Systemic Disorders a Pediatric
	Ophthalmologist Doesn't Want to Miss
	I. Christopher Lloyd, FRCOphth; Jane L. Ashworth, PhD, FRCOphth;
	Deborah M. Alcorn, MD; Douglas R. Fredrick, MD
	AAPOS Pediatric Uveitis Committee: Pediatric Uveitis Cases: A Multi-Disciplinary Approach to
	Management Challenges Virginia A. Miraldi Utz, MD; Stefanie L. Davidson, MD;
	Sheila Angeles-Han, MD, MSc; Alex V. Levin, MD, MHSC, FAAP, FRCSC; Jennifer L. Jung, MD; Catherine O. Jordan, MD; Bharti R. Nihilani-Gangwani, MD;
	Mays A. El-Dairi, MD
	IPOSC Workshop: Nightmares in Strabismus
	Faruk H. Orge, MD; Jonathan M. Holmes, MD; Jan Tjeerd de Faber, MD;
2.45 DM 4.45 DM	Giovanni B. Marcon, MD; Alejandro L. Armesto, MD; Tamara Wygnanski-Jaffe, MD
3:45 PM – 4:15 PM	Poster Set Up (2 <sup>nd</sup> Set)
4:15 PM – 5:15 PM	President's Symposium
- 00 D14	Diversity, Equity and Inclusion in Healthcare
5:30 PM – 6:30 PM	Young Ophthalmologists, Senior Ophthalmologists and New Member Reception
6:00 PM – 8:00 PM	Poster Viewing (2 <sup>nd</sup> Set) (Authors not present)
SATURDAY, MARCH 2	
6:30 AM – 7:30 AM	AAPOS 5K Run/Walk
7:00 AM – 5:00 PM	Registration
7:00 AM – 8:00 AM	Poster Viewing (2 <sup>nd</sup> Set) (Authors not present) – CME eligible – Breakfast
8:00 AM – 8:01 AM	Introduction of the Gunter K. von Noorden Young Investigator Award Paper
	Stacy L. Pineles, MD
8:01 AM – 8:09 AM	Gunter K. von Noorden Young Investigator Award Paper
	(Fish) Tales of Congenital Diseases: Molecularly Distinguishing Cranial Neural Crest Cell
	Populations
	Brenda L. Bohnsack, MD
8:09 AM – 8:10 AM	Presentation Ceremony
	Mohamad S. Jaafar, MD
	OCULOPLASTICS – ANTERIOR SEGMENT
8:10 AM – 8:17 AM	Timing of Initial Frontalis Suspension for Congenital Ptosis
	Erin M. NaPier, BA
8:17 AM – 8:24 AM	Screening Corneal Tomography as a Helpful Adjunct in the Diagnosis of Keratoconus in
	Children with Down Syndrome
	Casey G. Smith
	CATARACT
8:24 AM – 8:31 AM	Baseline Biometry of Eyes with Pediatric Cataract Compared to Age-Matched Controls
	Bharti R. Nihalani-Gangwani, MD
	Qualitative Comparison of Aphakic Contact Lenses in Children
8:31 AM – 8:38 AM	
8:31 AM – 8:38 AM	
8:31 AM – 8:38 AM 8:38 AM – 8:45 AM	Noreen Shaikh, OD  Myopic Shift Over Five Years Following Pediatric Lensectomy with Primary IOL Implantation

8:45 AM – 8:52 AM	Is Aphakia Associated with Endophthalmitis in Pediatric Cataract Surgery? A Report from a Nationwide Insurance Claims Database  Sarah Hilkert Rodriguez, MD, MPH
8:52 AM – 8:59 AM	Risk of Developing Glaucoma-Related Adverse Event within Five Years Following Pediatric Cataract Surgery  Erick D. Bothun, MD
	GLAUCOMA
8:59 AM – 9:06 AM	Handheld Optical Coherence Tomography of the Irido-Corneal Angle before and after Goniotomy and Trabeculotomy in Primary Congenital Glaucoma  Ghada Gawdat
9:06 AM – 9:13 AM	Outcomes of Baerveldt Glaucoma Drainage Devices in Pediatric Eyes  Adam Jacobson
9:13 AM – 9:20 AM	The Ahmed Glaucoma Drainage Device: Long-term Clinical Outcomes in the Pediatric Population  Rebecca F. Neustein, MD
9:20 AM – 9:26 AM	DISCUSSION OF TWO PREVIOUS PAPERS  Ta C. Chang, MD
9:26 AM – 9:33 AM	Outcomes of Inferonasal Glaucoma Drainage Device Surgery in the Management of Refractory Childhood Glaucoma Amal Al-Lozi
9:33 AM – 9:40 AM	One Year Results of Gonioscopy-Assisted Transluminal Trabeculotomy in Pediatric Glaucoma Reem Aboulhassan, MSc
9:40 AM – 9:55 AM	PANEL DISCUSSION
9:55 AM – 10:55 AM	Interactive Poster Session – Author Presentation and Q/A  2 <sup>nd</sup> Set of Posters (B1-B95) – Authors Present – CME eligible  (Odd Numbered Posters 9:55 – 10:30; Even Numbered Posters 10:20 – 10:55)
11:00 AM – 11:30 AM	AAPOS Updates
11:00 AM – 11:04 AM	National Eye Institute Update  Michael F. Chiang, MD
11:04 AM – 11:08 AM	ABO Update on Continuous Education  Julia L. Stevens, MD
11:08 AM – 11:12 AM	IPOSC Update Faruk H. Orge, MD
11:12 AM – 11:16 AM	AAP Update Steven E. Rubin, MD
11:16 AM – 11:20 AM	JAAPOS Update Kristina Tarczy-Hornoch, MD, DPhil
11:20 AM – 11:30 AM	AAPOS Website Update Scott A. Larson, MD
	PUBLIC HEALTH – REFRACTIVE ERROR
11:30 AM – 11:37 AM	Association of Mood Disorders, Substance Abuse, and Anxiety Disorders in Children and Teens with Eye Disease  Elana A. Meer
11:37 AM – 11:44 AM	Outcomes of Refractive Lens Exchange to Treat High Myopia in Special Needs Children & Adolescents Nicholas Faron, DO
	VISION ASSESSMENT – VISION SCREENING
11:44 AM – 11:51 AM	Web-Based Pediatric Visual Acuity Testing At Home Eileen E. Birch, PhD
11:51 AM – 11:58 AM	Parent-Performed Visual Acuity Testing using Novel iPad Application  John A. Davis, MD
11:58 AM – 12:04 PM	DISCUSSION OF TWO PREVIOUS PAPERS Rahul Bhola, MD
	Effectiveness of the Vision Screener using Updated Uniform 2021 AAPOS Guidelines

and Photorefraction

Robert W. Arnold, MD

#### **STRABISMUS SURGERY**

12:18 PM – 12:25 PM	Intermittent Exotropia: A Novel Surgical Algorithm Based on a Postocclusion Distance-Near
	Relationship
	Alfred J. Cossari, MD
12:25 PM – 12:32 PM	Strabismus Surgery in Orthotropic Patients: Rationale, Strategy and Outcomes  Warachaya Phanphruk, MD, MMSc
12:32 PM – 12:36 PM	DISCUSSION OF PREVIOUS PAPER
	Steven M. Archer, MD
12:36 PM - 12:43 PM	Worldwide Outcomes of Nasal Transposition of the Split Lateral Rectus Muscle for Strabismus
	Associated with Bilateral 3rd-Nerve Palsy
	Ankoor S. Shah, MD, PhD
12:43 PM – 1:00 PM	PANEL DISCUSSION
2:00 PM - 3:15 PM	Rapid Fire Poster Presentations
	Moderator: Brenda L. Bohnsack, MD
	A Predictive Model for Amblyopia Risk Factor Diagnosis in Preschool Children After
	Photoscreening
	Sean P. Donahue, MD, PhD for Dakota Vaughan
	Recovery from Amblyopia with Cholinesterase Inhibition
	Carolyn Wu
	Non-Refractive Vision Screening with Two Binocular Video Games and Birefringent Scanning
	Robert W. Arnold, MD for Tsaina V. Mahlen
	Reading Ability in Children with a Unilateral Congenital Cataract
	Jennifer Momkus
	Refractive Changes in Children in the Chicagoland Area during the COVID-19 Pandemic
	Eugene Kim, BA
	Microbial Patterns in Orbital Cellulitis
	Gil Binenbaum, MD, MSCE
	Laser Prophylaxis in Patients with Stickler Syndrome
	Saira Khanna, MD
	Pediatric Optical Coherence Tomography (OCT) Made Easy: Establishing Normative Retinal
	Layer Thickness Ratios for Interpretation of Handheld Macular OCT in Clinic
	Matthew L. Haynie, MD
	Risk Factors Associated with the Development of Foveal Hypoplasia in Preterm Children  Stephanie R. Beldick, MSc
	Comparing Recurrence and Retreatment of Three Doses of Bevacizumab in Treating Severe
	Retinopathy of Prematurity
	Jay Chopra
	Evaluating the Efficacy of Targeted Written Patient Education Materials in the Improvement of
	Understanding and Outpatient Follow-up Compliance for Retinopathy of Prematurity
	Moran Levin
	Diagnostic Yield of Two Gene Panel Assays for Nonacquired Childhood Anterior Segment
	Diseases
	Maria F. Villalba
	The Ocular Rotational Axis Is More Medial than Normal in Esotropia
	Robert A. Clark, MD
	Small Tuck for Superior Oblique Palsy
	Chavisa Bunyavee, MD
7:00 PM – 10:00 PM	Closing Reception
SUNDAY, MARCH 27, 2	2022
6:30 AM – 10:40 AM	Registration
6:30 AM – 8:00 AM	Breakfast
6:30 AM – 7:30 AM	Poster Viewing (2 <sup>nd</sup> Set) (Authors not present) – CME eligible
7:30 AM – 9:00 AM	Difficult Problems: Non-Strabismus Workshop
	Phoebe D. Lenhart, MD; Michael C. Brodsky, MD; Faruk H. Orge, MD;
	Jason H. Peragallo, MD; Michelle T. Cabrera, MD; Priyanka Kumar, MD

9:10 AM - 10:40 AM Difficult Problems in Strabismus Workshop

> William V. Good, MD; Erin Schotthoefer, MD; Nandini G. Gandhi, MD; Jane C. Edmond, MD; Linda R. Dagi, MD; Stephen P. Christiansen, MD; Steven E. Brooks, MD; Susan M. Carden, MBBS, FRANZCO, FRACS, PhD;

Kristina Tarczy-Hornoch, MD

10:40 AM	End of 2022 Meeting
10:40 AM – 11:00 AM	Poster Removal (2 <sup>nd</sup> Set)

## **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 23 – 11:30 AM Friday, March 25

#### **AMBLYOPIA**

A1	A Predictive Model for Amblyopia Risk Factor Diagnosis in Preschool Children After Photoscreening  Dakota Vaughan
A2	Binocular Contrast Sensitivity Deficits and Fixation Eye Movement Abnormalities in Amblyopia  Fatema Ghasia
A3	Association of Initial Amblyopia Presentation with Neighborhood Quality  Jean A. Adomfeh, MBA
A4	Early Amblyopia Therapy in Pediatric Open Globe Trauma  Jacob S. Martin, MD
A5	Reading Ability in Children with a Unilateral Congenital Cataract  Jennifer Momkus
A6	Association Between Motor Ability at 4½ years and Physical Activity at 10½ years in the Infant Aphakia Treatment Study  Carolyn Drews-Botsch
A7	Stereopsis in the Infant Aphakia Treatment Study: Comparison between ages 4½ and 10½  E. Eugenie Hartmann

#### **ANTERIOR SEGMENT**

A8	BRAF V600E Immunohistochemical Studies of Pediatric Conjunctival Lesions
	Kelsey T. Chen, MA
A9	The Road to Diagnosis in VKC: A Qualitative Study of Patients' and Caregivers' Lived Experience
	Leonard Bielory, MD
A10	Anterior Chamber Granuloma: Conservative Treatment versus Surgical Intervention
	Sherin H. Sadek, MD

### **CATARACT - CATARACT SURGERY**

A11	Clinical Profile of Pediatric Traumatic Cataract in Tertiary Hospital
	Fransiska Banjarnahor, MD
A12	Mydriasis in Paediatric Cataract Surgery using Intracameral Solution – Poster Withdrawn  Jaspreet Sukhija
A13	Quantitative Comparison of Aphakic Contact Lenses in Children  Magdalena Stec, OD, FAAO
A14	Long-term Visual and Anatomic Outcomes Following Late Surgery for Unilateral Persistent Fetal Vasculature: A Single-Center, 22-Year Review Kamiar Mireskandari
A15	Incidence and Predisposing Factors of Intraocular Lenses Tilt after Secondary IOL Implantation in the Ciliary Sulcus in Children: An Ultrasound Biomicroscopy Study  Christina Farag, MD
A16	Outcomes For Combined Pediatric Cataract and Strabismus Surgery  Alden P. Gregston, MD
A17	Is YouTube a Useful Tool for Trainees in Pediatric Cataract Surgery?  Samiksha Fouzdar Jain

A18	Will My Child with Albinism Lose Vision Over Time? Age-Related Vision Loss in Adults with Albinism
	Emily Rouse
A19	Will My Child Drive? What to Tell Parents of Children with Albinism
	Angela Mahoney

### **GLAUCOMA**

A20	Diagnostic Yield of Two Gene Panel Assays for Nonacquired Childhood Anterior Segment Diseases  Maria F. Villalba
A21	Congenital Nasolacrimal Duct Obstruction and Childhood Glaucoma Scott Sorenson
A22	Elevated Intraocular Pressure and Microvascular Retinal Injury Identified by Overhead Mounted Optical Coherence Tomography (OCT) in Two Infants with Glaucoma  Samuel A. Alvarez-Falcon, MD
A23	Home Tonometry in the Management of Children with Uveitis at Risk for Developing Glaucoma  Mehmet Eren Guner
A24	Current Practice Patterns for Topical Hypotensive Medication Usage in a Pediatric Glaucoma Population at a US Tertiary Referral Center  Mehmet C. Mocan, MD
A25	An Analysis of the Socioeconomic Factors Impacting the Provision of Care to the Pediatric Glaucoma Population at a Single Center  Michelle S. Attzs, MD
A26	Childhood Glaucoma Profile in a Tertiary Centre in Egypt According to the Childhood Glaucoma Research Network Classification Yasmine El Sayed
A27	Astigmatism and Strabismus Following Glaucoma Surgery in Children  Alvit Wolf, MD

### NEURO-OPHTHALMOLOGY - NYSTAGMUS - CORTICAL VISUAL IMPAIRMENT

A28	Epidemiology of Extraocular Muscle Palsies and Internal Ophthalmoplegia after Herpes Zoster Ophthalmicus
	Noemí Rosello
A29	Radiological Findings in Patients with Isolated Acute-Onset Ocular Motility Disorders (AOMD)
	Vishaal Bhambhwani, MD
A30	Long-Term Visual Outcomes in Spasmus Nutans
	Lauren Hennein, MD
A31	Demographic and Clinical Characteristics of 600 Children With Nystagmus
	Richard W. Hertle, MD
A32	Remarkable Visual Acuity in Atypical Neuroanatomy and Cerebral Visual Impairment and Correlation with
	Visual Evoked Potentials: A Case Series
	Alexandra N. Zdonczyk
A33	Impact of Strabismus on Vision-Specific Quality of Life in Children with Cortical Visual Impairment
	Melinda Chang
A34	Functional Goals and Intervention Planning in Children with Cerebral Visual Impairment
	Terry Schwartz

#### **OCULOPLASTICS**

A35	The Use of Selemetinib as an Effective Non-Surgical Treatment Option for Pediatric Orbital Plexiform
	Neurofibroma
	Catherine S. Choi, MD
A36	Orbital and Eyelid Characteristics and Strabismus Severity in Children with Apert Syndrome Treated by
	Early Endoscopic Strip Craniectomy versus Fronto-Orbital Advancement
	Jenny C. Dohlman
A37	Microbial Patterns in Orbital Cellulitis
	Gil Binenbaum, MD, MSCE

A38	Reduced Carbon Footprint of Virtual 2021 Annual Meeting of AAPOS
	Constance E. West, MD
A39	The Ineffectiveness of Referral/Authorizations in Pediatric Ophthalmology Private Practice
	Lance M. Siegel, MD
A40	An Analysis of Medicaid Reimbursement Trends in Pediatric Ophthalmology in Arizona: Years 2015 to
	2021
	Jacob F. Smith, BS

### PUBLIC HEALTH - TELEMEDICINE

A41	Evaluation of a Combined School-Based Vision Screening and Mobile Clinic Program
741	Kendall Kruszewski
A42	Non-Cycloplegic Compared with Cycloplegic Refraction in a Chicago School-aged Population
	Megan E. Collins
A43	Demographic and Clinical Data from a High School-Based Eye Clinic in Southeastern Michigan
	Olivia J. Killeen, MD
A44	Caregiver Perceptions of the Early COVID-19 Pandemic Rescheduling Process at One Academic Pediatric
	Ophthalmology Practice
	Kenny Nguyen
A45	The Incidence and Characteristics of Pediatric Traumatic Hyphema Presenting during the COVID-19
	Pandemic
	Olufemi E. Adams, MD
A46	Synchronous Patient-to-Provider Virtual Visits in Pediatric Ophthalmology During the Early COVID-19
	Pandemic
	Raymond G. Areaux, Jr.
A47	Integrating Telemedicine in to the Post-Operative Experience for Children and Adults
	Anne Langguth, MD
A48	Evaluation of Video Glasses for Real-Time Hardware-to-Software Telemedicine Strabismus Consultations
	Across Multiple Graders
	Joy Li

### **RETINA**

A49	Ultra-Wide-Field Oral Fluorescein Angiography in Children  Elizabeth A. Conner
A50	Evidence-Based Screening to Optimize the Yield of Positive Ophthalmologic Examinations in Children Evaluated for Non-accidental Trauma
	Maxwell Su
A51	Distinguishing Traumatic Optical Coherence Tomography Findings in Young Children  Alyssa Spiller, BS
A52	OCT Fixation Shift in Children with Foveal Hypoplasia
	Jingyun Wang, PhD
A53	Comparison of Sickle Cell Retinopathy Progression using Funduscopy and SD-OCT
	Jing Jin, MD, PhD
A54	Visual Outcomes and Retinal Characteristics in Children with Myelinated Retinal Nerve Fibers, Myopia and
	Amblyopia
	Sarah Patzelt, MD
A55	Laser Prophylaxis in Patients with Stickler Syndrome
	Saira Khanna, MD
A56	Early DMARD Therapy in Idiopathic Paediatric Uveitis
	Frederick R. Burgess
A57	Outcomes in Retinal Detachment Repair and Laser Prophylaxis for Optically Empty Syndromes
	Kirby Taylor, MS

### RETINOPATHY OF PREMATURITY

A58	Association of Health Insurance Status with Severity and Treatment among Infants with Retinopathy of
	Prematurity
	Elise Timtim, MD, MBA
A59	Travel Burden in Treatment of Retinopathy of Prematurity
	Christian Warner, MD

A60	ROP Severity and Treatment Rate during COVID-19 in UK
	Doaa D. Elfadaly, MD, FRCS
A61	Evaluation of Risk Factors, Treatment, and Outcome of Patients with Retinopathy of Prematurity at Tertiary
	Hospital
	Widyastuti Pusparini, MD
A62	Unilateral or Sequential Treatment of Eyes with Bevacizumab for Retinopathy of Prematurity
	Daniel Nelson
A63	Comparing Recurrence and Retreatment of Three Doses of Bevacizumab in Treating Severe Retinopathy
	of Prematurity
	Jay Chopra
A64	Postnatal Growth and Neurodevelopment of Infants Treated with Bevacizumab for Retinopathy of
	Prematurity
	David L. Zhang, BS, BA
A65	Refractive Outcomes after Primary Bevacizumab Followed by Laser versus Primary Laser Alone for
	Retinopathy of Prematurity
	Lana D. Verkuil, MD
A66	Refractive Outcomes of Patients Treated for Retinopathy of Prematurity
	Ayesha Khan
A67	Long-Term Outcomes of Type 1 Retinopathy of Prematurity (ROP) after Treatment with Bevacizumab
	Monotherapy: A Canadian Experience
	Nasrin N. Tehrani
A68	Outcomes of Intravitreal Ranibizumab Followed by Laser Photocoagulation for Type 1 Retinopathy of
	Prematurity
	Derick Holt
A69	Risk Factor Analysis for Additional Treatment After Intravitreal Bevacizumab Monotherapy in Patients with
	Retinopathy of Prematurity
	Maria P. Fernandez, MD

#### **STRABISMUS**

A70	Increased Association of Mood Disorders, Schizophrenia, and Anxiety Disorders in Children with
	Strabismus
	Yoon H. Lee, MD
A71	Pediatric Strabismus is Associated with Increased Severe Functional Impairment
	Brian T. Cheng, BA
A72	Impaired Hand Kinematics during Visually-Guided Reaching in Children Age 4 - 6 Years with Impaired
	Binocularity
	Krista R. Kelly
A73	Impaired Saccade Kinematics during Visually-Guided Reaching in Children Aged 7 - 12 Years with a
	History of Strabismus
	Dorsa Mir Norouzi
A74	The Ocular Rotational Axis Is More Medial than Normal in Esotropia
	Robert A. Clark, MD
A75	AS-OCT for Preoperative Visualization of EOMs in Adult Strabismus Patients
	Nermeen M. Bahgat
A76	Medial Rectus Insertion Site in Surgical Candidate Children with Esotropia
	Moustafa S. Abdelhafez, FRCS, MD
A77	Monofixation in Adult-Onset Divergence Insufficiency Type Esotropia
	Anne M. Dersch, MD
A78	Refractive Error in Unilateral Duane Syndrome
	Marielle P. Young
A79	The Pre-Equatorial Nasal Superior Oblique Tendon Syndrome
	Megan X. Law

### **STRABISMUS SURGERY**

A80	3D Printing Surgical Applications in Pediatric Ophthalmology: A Case Series
	Alexander Young, MD
A81	Could Rare Earth Magnets be Used to Treat a 'Lost' Medial Rectus Muscle?
	Richard Helms, MD, PhD

A82	Sensorimotor Outcomes in the Surgical Management of High-Accommodative
7102	Convergence/Accommodation Ratio Esotropia
	i i
	Henry S. Bison, BS
A83	Effect of Bimedial Recession on Near Distance Disparity in Esotropia
	Alasdair Kennedy, FRCOphth
A84	Conventional Surgery Versus Botulinum Toxin Injection for the Management of Esotropia in Children with
	Down Syndrome
	Taghreed Alnajjar
A85	Description of a New Surgical Technique for the Correction of Highly Myopic Esotropia
	Julia D. Rossetto, MD, PhD
A86	Conjunctival Resection and Caruncular Fixation for Complete Adduction Palsy
	Tanya S. Glaser, MD
A87	Surgical Dosing of Partial Sixth Nerve Palsy with Novel Incomitance Protocol for Improvement of Area of
	Single Binocular Vision
	Charles Zhang
A88	Surgical Techniques for Sagging Eye Syndrome: Avoiding Lateral Rectus Surgery
	Alan B. Richards, MD
A89	One-Step Triple Surgery for Large Esotropia in Chinese Patients with Chronic Six Nerve Palsy
	Chen Zhao, Prof
A90	Impact of Adding Augmented Superior Rectus Transpositions to Medial Rectus Muscle Recessions When
	Treating Esotropic Möbius Syndrome
	Linda R. Dagi, MD

#### **VISION SCREENING**

A91	Rate of Vision Screening at Well Child Checks for Ages 3-5: Optotype Versus Instrument Based Ian P. Boydstun
A92	Age at Presentation of Vision-Threatening Ocular Disease in the First 10 Years of Life: A Population-Based Study  Lauren N. Diroff, MD
A93	Non-Refractive Vision Screening with Two Binocular Video Games and Birefringent Scanning  Tsaina V. Mahlen
A94	Practice Considerations for the Implementation of Handheld Photo-Screeners in Pediatric Clinics  Joshua C. George, MPH
A95	2021 Instrument Referral Criteria for PlusoptiX, SPOT and 2WIN Targeting AAPOS 2021 Guidelines  David I. Silbert
A96	Performance of the Spot Vision Screener in Children with Down Syndrome and Other Special Needs Lucy I. Mudie, MD, MPH

# Second Set of Posters – Poster Session B Second set of posters will be displayed from 4:30 PM Friday, March 25 – 10:40 AM Sunday, March 27

#### **AMBLYOPIA**

B1	Clinical Validation of a Novel Smartphone Application for Measuring Visual Acuity
	Stephen C. Hunter
B2	Recovery from Amblyopia with Cholinesterase Inhibition
	Carolyn Wu
B3	Dichoptic Treatment Using Virtual Reality Display for Amblyopia - A Pilot Study
	Yasmine Meqdad
B4	Reading Performance Improvement in Amblyopic Children Using Dichoptic Eye-tracking Training and an
	Eye-Tracking Based- 30 Second Reading Test
	Tamara Wygnanski-Jaffe, MD
B5	Patient Compliance Rates with A Novel, Online Platform for Tracking Amblyopia Treatment
	Tinh Le
B6	Implementation of a Novel, Web-Based Platform for Tracking Amblyopia Patients: Now with Automated
	Compliance and Visual Acuity Reporting
	Faruk H. Orge, MD

В7	Incidence and Clinical Characteristics of Infantile Conjunctivitis in a Western Population
	Cole E. Bothun
B8	Epibulbar Dermoids: Clinical Features and Surgical Outcomes
	Yordan R. Miranda-Cepeda, MD
B9	Corneal Thickness in Pediatric Cataract
	Jylan Gouda
B10	Characterization of Cataracts Within Trisomy 21 Patients Using Ultrasound Biomicroscopy
	Dhruv M. Shah
B11	Non-Descemet Stripping Endothelial Keratoplasty (nDSEK) in an Adolescent with Aphakia and Glaucoma
	Drainage Device
	Seung Ah Chung, MD
B12	Endoscopic Lensectomy-Anterior Vitrectomy Preceding Keratoplasty for Complex Pediatric Corneal
	Opacities: A Surgical Technique
	Maamoun A. Abdul Fattah
B13	18-Month Experience of Scheimpflug Imaging in Patients with Trisomy 21 at a Tertiary Pediatric Center
	Rebecca G. Edwards Mayhew
B14	Management of Thygeson's Superficial Punctate Keratitis in Children
	Maghal Gagrani
B15	Outcomes of Corneal Neovascularization Secondary to Inflammation in the Pediatric Population
	Adriana Grigorian
B16	Waardenburg Syndrome Associated Neurotrophic Keratopathy in a Child Treated with Neurotization
	Surgery
	Anania Woldetensaye
B17	Suture Selection in Repair of Traumatic Pediatric Corneal Injuries
	Timothy Truong, MD
B18	The Use of Biologics in the Treatment of JIA-Associated Uveitis in a Pediatric Cohort. A Single Center
	Retrospective Analysis
	Maha M. Youssef
B19	Population-Based Incidence and Clinical Features of Pediatric Ocular and Adnexal Trauma
	Grayson B. Ashby

### CATARACT - CATARACT SURGERY

B20	Outcomes of Unilateral Cataract Surgery in Children 7 to 18 years of Age: a Comparison to Younger
	Cohorts Anastasia A. Alex, MD
	,
B21	Outcomes of Bilateral Cataract Surgery in Children 7 to 18 years of Age: a Comparison to Younger Cohorts
	Alaa Alsuradi, MD
B22	Risk of Complications within Five Years of Primary Intraocular Lens (IOL) Surgery for Pediatric Cataract
	Jennifer A. Galvin, MD
B23	Intraocular Lens Exchange for the Management of Myopic Shift in Pseudophakic Children
	Rasha Zedan, MD

### **GENETIC DISORDERS**

B24	Clinical Spectrum of Ectopia Lentis Presenting to a Specialist Children's Hospital
	Katie M. Williams, FRCOphth, PhD
B25	Clinical Ophthalmic Findings in Children with Alström Syndrome
	Yiyun Zhou, MD, PhD, MBA
B26	Craniosynostosis and GAPO Syndrome: A Report of Two Siblings and Histopathologic Findings
	Michelle M. Falcone, MD

### **GLAUCOMA**

B27	Glaucoma Surgery Complications in Children Compared to Adults using Insurance Claims Data
	Cyril Archambault, MD, FRCSC
B28	'Coming up Short' with an Illuminated Microcatheter for Circumferential Trabeculotomy Ab Externo in the
	Buphthalmic Infant Eye: Frequency and Options
	Robert Tauscher, MD
B29	Ologen Augmentation of Ahmed Glaucoma Valves in Children
	Brenda L. Bohnsack, MD

B30	Outcomes of Glaucoma Valve Implantation with Mitomycin-C, after Failure of a First Glaucoma Valve in
	Pediatric Glaucoma
	Veronique Promelle, MD
B31	Safety and Efficacy of Netarsudil in the Management of Refractory Glaucoma
	Bo Wang
B32	Micropulse Laser Cyclophotocoagulation For Childhood Glaucoma
	Heidy C. Martinez, MD

### NEURO-OPHTHALMOLOGY - OPTIC NERVE

B33	Ocular Manifestations of Ruptured Arachnoid Cysts in Pediatric Patients
	Michael A. Puente
B34	Etiologies and Outcomes of Optic Neuritis in Ohio's Pediatric Population
	Andrew Jilwan, MD
B35	Oral Fluorescein Angiography for the Diagnosis of Papilledema versus Pseudopapilledema in Children
	Abdelrahman M. Elhusseiny
B36	Leukemic Optic Neuropathy in Pediatric Patients: A Case Series
	Gina M. Johnson, BA
B37	Presumed Vincristine Ganglion Cell Toxicity Resulting in Binasal Visual Field Loss
	Aaron W. Winter, MD

### **OCULOPLASTICS**

B38	Re-Evaluating Clinical Signs of Orbital Cellulitis
	Lisa Y. Lin, MD, MBE
B39	Pediatric Eyelid and Canalicular Lacerations: Epidemiology and Outcomes
	Jonathan Huang, BS
B40	Surgical Results and Aesthetic Outcomes of Percutenous Aspiration of Superficial Periorbital Dermoid
	Cysts vs Excision In Toto
	Kareem B. Elessawy

### **PUBLIC HEALTH**

B41	Development and Evaluation of a Novel Online Case-Based Learning Tool in Pediatric Ophthalmology for Pediatric Clerkship Students
	Jessica H. Tran, BS
B42	Ophthalmology on Tiktok: An Analysis of Hashtags
	Rupa K. Wong, MD
B43	Accuracy of the International Classification of Diseases, 9th Revision for Identifying Infantile Eye Disease
	Timothy T. Xu, MD
B44	Non-Inferiority of a Small Volume Eye Drop Adapter for Pediatric Pupillary Dilation and Cycloplegia
	Charis Hoppe
B45	A Large Population Study Reveals a Novel Association between Congenital Color Vision Deficiency and
	Environmental Factors
	Eedy Mezer
B46	The Epidemiology of Strabismus and Cataracts Within a Pediatric Population in Saint Vincent and the
	Grenadines: An Analysis of 201 Consecutive Cases
	Virang Kumar
B47	Trends in the Incidence and Sex Differences of Type I and Type II Diabetes Mellitus Diagnosed in a 50-
	year Population-based Cohort of Youth
	Patricia Bai, BA
B48	Adult Retinal Vascular Severity Score Significantly Correlates with History of Preterm Birth
	Leah A. Owen

### REFRACTIVE ERROR

B49	Refractive Changes in Children in the Chicagoland Area during the COVID-19 Pandemic
	Eugene Kim, BA
B50	Novel 3-D Printed Adjustable Glasses to Address the Global Financial Burden of Pediatric Eye Glasses
	Mari Ogino

### **RETINA – RETINOBLASTOMA**

Defining the Gold Standard of a Red Reflex Exam: A Systematic Review  Ana Janic, MSc
Full Field Electroretinography with Skin Electrodes to Diagnose Inherited Retinal Disease in Pediatric
Patients
Katherine Brown, MD
Utility of Electroretinogram for Screening for Vigabatrin Toxicity in a Pediatric Cohort
Natasha Gautam, MD
Hydroxychloroquine Retinopathy in Children
Reed Jenkins, BA
Retinal Laminar and Vascular Characteristics in Patients with Incontinentia Pigmenti
Christina Gerth-Kahlert
Pediatric Optical Coherence Tomography (OCT) Made Easy: Establishing Normative Retinal Layer
Thickness Ratios for Interpretation of Handheld Macular OCT in Clinic
Matthew L. Haynie, MD
Risk Factors Associated with the Development of Foveal Hypoplasia in Preterm Children
Stephanie R. Beldick, MSc
Anterior Segment Complications after Intravitreal and Periocular Injections of Chemotherapeutic Agents in
the Treatment of Retinoblastoma Patients
Cigdem Ozturk, MD
Quantifying General Anesthesia Exposure for Pediatric Retinoblastoma Patients
Kerri M. McInnis-Smith, BA

### **RETINOPATHY OF PREMATURITY**

B60	Evaluating the Efficacy of Targeted Written Patient Education Materials in the Improvement of
D00	Understanding and Outpatient Follow-up Compliance for Retinopathy of Prematurity
	Moran Levin
B61	The Role of Informational Videos in Parental Education Concerning Retinopathy of Prematurity Exams
	Elias M. Mullane
B62	Risk Factors for Severe Retinopathy of Prematurity Among Low-Risk Infants
	Lauren A. Tomlinson, BS
B63	Evaluation of a Single-Exam Risk Prediction Model of Severe Retinopathy of Prematurity on Premature
	Infants from India
	Aaron S. Coyner
B64	Retinopathy of Prematurity (ROP) Rates After Transition from Multi-bed to Single-bed Neonatal Intensive
	Care Unit (NICU)
	Sonia K. Scallon
B65	Video Indirect Ophthalmoscopy Training Curriculum for Retinopathy of Prematurity
	Michelle Go
B66	Effect of Gender on Retinopathy of Prematurity Severity Among Multiple Gestation Infants
	Joshua L. Jones, MD
B67	Type 1 Retinopathy of Prematurity (ROP) in Near Full-Term Heavier Birth Weight (BW) Infants
	Sara Maher, MD
B68	Evaluating Sucrose as Pain Management in Retinopathy of Prematurity (ROP) Exams at the Alberta
	Children's Hospital Vision Clinic
DCO	Michael D. Penny
B69	Out of Sight: ROP Screening in Infants with Significant Corneal Opacity
B70	Seema Emami  Detinopathy of Promoturity in Tripleto
D/U	Retinopathy of Prematurity in Triplets  Manjushree Bhate
B71	Neonatal Vital Signs Using Non-Contact Laser Speckle Contrast Imaging Compared to Standard Care in
D/ 1	Retinopathy of Prematurity Screening
	Tara Balasubramanian
B72	Human Grader versus Semi-Automated Computer Ranking of Tortuosity and Dilation of Posterior Pole
DIZ	Vessels Using Retinal Vessel Maps Generated from Bedside Optical Coherence Tomography
	Kai R. Seely
B73	Semi-Automated Analysis of Foveal Maturity in Premature and Full-term Infants using Handheld Swept-
5.0	Source Optical Coherence Tomography
	Sumner E. Lawson
	1

B74	Evaluation of Artificial Intelligence-Based Retinopathy of Prematurity Screening in South India	1
I	Minn A. Oh, PhD	

### **STRABISMUS**

B75	AAPOS Adult Strabismus Committee's Report on the Status of Adult Strabismus Telemedicine
	Aldo Vagge, MD, PhD
B76	Strab-Bot - A Data Processing Algorithm to Facilitate Use of Strabismus Exam Data in Clinical Research
	and Quality Outcome Measurements
	Yvette Schein, BA
B77	Accuracy of Eyemeter as a Deep Learning Tool for Identifying Strabismus in Pediatric Patients
	Sarah Ziaei
B78	Comparison between the Time Required to Take Nine-Direction Ocular Photographs Using Conventional
	Method and a Novel Convenient Application
	Keiko Kunimi, MD
B79	Understanding the Use of Control Scores in Intermittent Exotropia: Newcastle, PEDIG, and LACTOSE
	Tobin B. Thuma
B80	Standard vs. Reduced Numbers for the Management of Intermittent Exotropia in Children =< 6 Years
	Ahmed Nasreldeen, MD
B81	Gaze Fixation as a Predictive Marker for Strabismus and Vergence Insufficiency in Parkinson's Disease
	Aasef G. Shaikh
B82	Clinical Characteristics of Adult Onset Myopic Eye Sagging Syndrome (MESS)
	Shonar Singh
B83	Association of Fusional Amplitudes with Surgical Outcomes in Pediatric Strabismus
	Sameera Nadimpalli, MD
B84	Cylindrical Lens Transforms Red and Green Laser Pointers into Streak Generators Used for Lancaster
	Red-Green Testing at Minimal Cost
	Mireille N. Jabroun, MD
B85	Inferiorly Displaced Lateral Rectus Muscles in V-Pattern Exotropia
	Stephanie L. Coté, MD, MPH

### **STRABISMUS SURGERY**

B86	Global Virtual Strabismus Surgery Teaching for Ophthalmology Residents During Covid-19  Alison X. Chan, BS
B87	Use of 3D Heads-Up Display for Strabismus Surgery
	Matthew D. Gearinger, MD
B88	Extraocular Muscle Ductions Following Nasal Transposition of the Split Lateral Rectus Muscle
	Isdin Oke
B89	Surgical Approach for Treatment of Congenital Exotropia in Children with Neurologic Impairment
	Tatiana S. Zanganeh, MD
B90	Unilateral 4-Muscle Surgery for Large Monocular Constant Sensory Exotropia
	Allison C. Umfress
B91	Surgical Outcomes of Combined Ipsilateral Inferior Oblique and Superior Rectus Recession for Superior
	Oblique Palsy with Hypertropia in Abduction
	Solin Saleh
B92	Y-Split Muscle Technique with Adjustable Sutures as an Alternative to Faden Sutures in Incomitant
	Paralytic or Restrictive Strabismus
	Jon Peiter Saunte, MD
B93	Small Tuck for Superior Oblique Palsy
	Chavisa Bunyavee, MD
B94	Z-Split Myectomy versus 7/8 Posterior Tenectomy for Brown Syndrome
	Tricia A. Fernandez, MD
B95	Superior Rectus Recession for Vertical Strabismus with Limitation of Depression in Abduction
	Michael Langue, MD