

American Association for Pediatric Ophthalmology and Strabismus
45th Annual Meeting, March 27-31, 2019, Preliminary Program, San Diego, CA

WEDNESDAY, MARCH 27, 2019

7:00 am – 2:30 pm	Finance Committee, Board of Directors Meetings
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
6:15 pm – 7:00 pm	International Attendees Reception
7:00 pm – 9:00 pm	Opening Reception

THURSDAY, MARCH 28, 2019

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
7:55 am – 8:00 am	Introduction and Welcome Scott A. Larson, MD
8:00 am – 8:15 am	AAPOS President's Remarks, Honor Awards, Senior Honor Awards, Lifetime Achievement Awards R. Michael Siatkowski, MD
8:15 am – 8:20 am	Introduction of Costenbader Lecturer Christie L. Morse, MD
8:20 am – 8:45 am	Costenbader Lecture Supported by the Children's Eye Foundation of AAPOS Making The Superior Oblique Great Again David A. Plager, MD
8:45 am – 8:48 am	Presentation Ceremony M. Edward Wilson, Jr, MD

CATARACT – GLAUCOMA – UVEITIS

8:50 am – 8:57 am	Are Piggyback IOLs Recommendable for Children? M. Edward Wilson, Jr, MD
8:57 am – 9:04 am	Outcomes of Bilateral Cataracts Removed in Infants 1 to 7 Months of Age Concurrent with the Infant Aphakia Treatment Study Erick D. Bothun, MD
9:04 am – 9:11 am	Outcomes and Complications of Simultaneous Bilateral Cataract Surgery (SBCS) in Children – A 10 Year Review Vishaal Bhambhwani
9:11 am – 9:15 am	DISCUSSION OF PREVIOUS PAPER David G. Morrison, MD
9:15 am – 9:22 am	Home Tonometry Redefines Glaucoma Drainage Device Management in Childhood Glaucoma Michelle S. Go, MD
9:22 am – 9:29 am	Trabeculotomy Ab-Interno with the Trab360 Device for Childhood Glaucomas Raymond G. Areaux, Jr, MD
9:29 am – 9:33 am	DISCUSSION OF PREVIOUS PAPER Faruk H. Orge, MD
9:33 am – 9:40 am	Failure of Methotrexate Monotherapy and Subsequent Response to Tumor Necrosis Factor Inhibitors in Pediatric Non-Infectious Uveitis Basak Can Ermerak, MD
9:40 am – 9:55 am	PANEL DISCUSSION
9:55 am – 10:55 am	Interactive Poster Session – Author Presentation and Q/A 1st Set of Posters (1 – 100) – Authors Present – CME eligible (Odd Numbered Posters 9:55 – 10:30; Even Numbered Posters 10:20 – 10:55)
11:00 am – 11:08 am	Presentation of Parks Medals M. Edward Wilson, Jr, MD
11:08 am – 11:15 am	Children's Eye Foundation of AAPOS Update R. Michael Siatkowski, MD
11:15 am – 11:20 am	Introduction of Helveston Lecturer David L. Guyton, MD

11:20 am – 11:40 am	Helveston Lecture Cataract Surgery in Children from Birth to Less than 13 Years of Age in the PEDIG Registry: Status Three Years Following Surgery Michael X. Repka, MD, MBA
11:40 am – 11:43 am	Presentation Ceremony David A. Plager, MD
RETINOBLASTOMA – RETINA – GENETICS – OCULAR SENSORY	
11:45 am – 11:52 am	Optical Coherence Tomography Guided Localization and Laser Photocoagulation of Invisible New Retinoblastoma Sameh E. Soliman
11:52 am – 11:59 am	Comparison of Outcomes, Adverse Events, and Treatment Burden of Intravenous Chemotherapy vs. Intra-Arterial Chemotherapy for Retinoblastoma: Results of a Pilot Study Pranav R. Santapuram, BA
11:59 am – 12:06 pm	Determining the Tractional Forces on Vitreoretinal Interface Using Computer Simulation and Animal Models to Elucidate the Retinal Hemorrhage Patterns in Abusive Head Trauma Donny W. Suh, MD
12:06 pm – 12:10 pm	DISCUSSION OF PREVIOUS PAPER Alex V. Levin, MD, MHSc
12:10 pm – 12:17 pm	Diagnosis of Inherited Retinal Degenerations in Pediatric Patients using the RETeval Handheld Electroretinogram Cole Swiston
12:17 pm – 12:24 pm	How Long Does Gene Therapy Last? 4 Year Follow-Up of Phase 3 Voretigene Neparvovec Trial in RPE65-Associated LCA/Inherited Retinal Disease Arlene V. Drack, MD
12:24 pm – 12:31 pm	Diagnosis of Congenital Special Forms of Strabismus Based on High-Throughput Sequencing and High-Resolution MRI Yonghong Jiao
12:31 pm – 12:38 pm	Evaluation of Computer-Based Facial Dysmorphology Analysis Algorithm (Face2Gene) Using Standardized Textbook Photos Ta C. Chang
12:38 pm – 12:45 pm	Incidence of Symptomatic Torsional and Vertical Diplopia After Superior Rectus Transposition for Esotropic Duane Syndrome and 6 th Nerve Palsy Anna G. Escuder, MD
12:45 pm – 1:00 pm	PANEL DISCUSSION
1:10 pm – 2:00 pm	AAPOS Business Meeting
2:15 pm – 3:15 pm	Genetic Eye Disease Committee Symposium How I Raised My Sons to Be Rock Stars: A Family's Journey with Leber Congenital Amaurosis Margaret Wakeley; Casey Harris; Sam Harris; Arlene V. Drack, MD
3:30 pm – 4:30 pm	OMIC Workshop Duty to Patients: Beginning, Ending and Obligations Robert E. Wiggins, Jr., MD, MHA; Anne M. Menke, RN, PhD
3:30 pm – 4:30 pm	Rapid Fire Poster Presentations Moderator: David K. Wallace, MD, MPH
	A 3D-Printed Tool for Improved Retinoscopy Experience Richard W. Helms, PhD
	Genetic Associations in Esotropia: Genome-Wide Association Study and Copy Number Variation Mary C. Whitman, MD, PhD
	Clinical Profile and Treatment Outcomes Following Laser Monotherapy and Combination Therapy with Bevacizumab in Pediatric Coats' Disease (PCD) Vinod Sharma, MBBS, MS, DNB, FRCSEd FRCOphth
	A Device for the Assessment of Both Visual Acuity and Strabismus to Identify Amblyopic Risk Factors in Preverbal and Verbal Children – Pilot Study Daphna Mezd Koursh, MD
	Performance of a Photoscreener with Novel C.R. Infrared Wand Strabismus Estimation Compared to Another Screening Device and Comprehensive Examination Stephanie L. Arnold, OMS II
	A Novel Objective Visual Acuity Screener for Preschool Children Eileen E. Birch, PhD for Ben Thompson, PhD

Incidence of Strabismus in Children Initially Diagnosed with Pseudostrabismus Using the Optum Dataset

Won Yeol W. Ryu, MD

Bilateral Full Tenectomy of the Superior Oblique Muscle for the Treatment of A-Pattern Strabismus

Iara Debert, MD, PhD

Correlation Between Spectral Domain Optical Coherence Tomography (SD-OCT) and Long-Term Vision Loss in Children with Papilledema

Michael J. Wan, MD, FRCSC

Utility of the OCT Lazy V Sign in Diagnosing Optic Nerve Edema in a Pediatric Population

Hilliary E. Inger, MD

4:30 pm – 6:30 pm Helveston Founders Series Reception

5:30 pm – 6:30 pm Administrators Meet and Greet

FRIDAY, MARCH 29, 2019

6:30 am – 5:30 pm Registration

6:30 am – 7:30 am Poster Viewing (1st Set) (Authors not present) CME eligible – Breakfast

WORKSHOPS

7:00 am – 8:15 am Stump the Chump – Tough Cases to Highlight Challenges in Childhood Glaucoma Diagnosis and Management

**Sharon F. Freedman, MD; Alex V. Levin, MD; Allen D. Beck, MD;
Ta Chen (Peter) Chang, MD; Amanda L. Ely, MD; Allison R. Loh, MD**

21st Century Teaching: Best Practices in Medical Education

Matthew D. Gearing, MD; Tammy Yanovitch; Michelle Cabrera; Gena Heidary

IPOSC Workshop: Nightmares in Strabismus

**Faruk H. Orge; Frank Martin; Sonal Farzavandi; Tamara Wygnanski Jaffe;
Adolfo Guemes; Eedy Mezer; Moustafa Salah**

Reading Difficulties and the Pediatric Ophthalmologist

**Melinda Rainey, MD; Deborah M. Alcorn, MD; Linn M. Mangano, MD;
Laura J. Heinmiller, MD; Sheryl M. Handler, MD; Walter F. Fierson, MD**

WORKSHOPS

8:30 am – 9:45 am What's New and Important in Pediatric Ophthalmology and Strabismus in 2018
**Darron A. Bacal, MD; Tina Rutar, MD; Hee-Jung Park, MD; Melanie Schmitt, MD;
Sudha Nallasamy, MD; Marina Eisenberg, MD; Kara Cavuoto, MD;
Gena Heidary, MD, PhD; Ilana Friedman, MD; Phoebe Lenhart, MD**

Pediatric Optometrists Trained in a Medical Home – Inside Look at a Training Program and the Pediatric MD-OD Working Relationship

**Sharon F. Freedman, MD; Nathan Cheung, OD; Robert Enzenauer, MD, PhD;
Daniel Smith, OD; Scott E. Olitsky, MD; Erin D. Stahl, MD; Timothy E. Hug, OD;
Michael E. Gray, MD**

AAP Workshop: Cortical/Cerebral Visual Impairment 2019: What You Need to Know to Diagnose and Treat

Sharon S. Lehman, MD; Linda M. Lawrence, MD; Terry L. Schwartz, MD

Pediatric Anterior Segment Problems You Don't Want to Miss

**Federico G. Velez, MD; Stacy L. Pineles, MD; Deborah Vanderveen, MD;
Kamiar Mireskandari, MD; Phoebe Lenhart, MD; Bibiana J. Reiser, MD**

9:45 am – 10:30 am Refreshment Break and Exhibit Viewing

WORKSHOPS

10:30 am – 11:45 am Evaluating the Evidence: AAPOS Research Committee In-Depth Analyses of What's New in Pediatric Ophthalmology
**Gil Binenbaum; Alejandra de Alba Campomanes; Steven E. Brooks; Brian Forbes;
Fatema Ghasia; Iris Kassem; Stacy Pineles**

"Returning to the Scene:" IOL Implant-Related Reoperations

**Erick D. Bothun, MD; Edward Wilson, MD; David A. Plager, MD;
David Morrison, MD Faruk Orge, MD**

Challenging Cases in Pediatric Neuro-Ophthalmology - Is this Neurologic?
**Lauren C. Ditta, MD; R. Michael Siatkowsksi, MD; Jane C. Edmond, MD;
Paul H. Phillips, MD**

AAPOS Genetic Eye Disease Committee Workshop: Does This Patient Have a Genetic Eye Disease? Should I Refer?

**Arlene V. Drack, MD; Deborah M. Alcorn, MD; Deborah M. Costakos, MD;
Alex V. Levin, MD, MHScal; I. Christopher Lloyd, MBBS, FRCOphth;
Virginia A. Miraldi Utz, MD; Melanie A. Schmitt, MD; Elise Heon, MD;
Mary Whitman, MD, PhD; Wadih Zein, MD; Alina Dumitrescu, MD**

11:30 am – 12:00 pm Poster Removal (1st Set)

11:45 am – 1:15 pm Lunch Break – On Your Own

WORKSHOPS

1:15 pm – 2:30 pm Become a Leader in AAPOS: The Inside Tips (No CME)

**Darron A. Bacal, MD, FAAP; Gil Binenbaum, MD; John Roarty, MD;
David Epley, MD; Michael Siatkowski, MD; David Wallace, MD; Stacy Pineles, MD;
Rich Hertle, MD**

Periocular Dermatologic Conditions: Clinical Pearls

Lora R. Dagi Glass, MD; Pavlina Kemp, MD; Euna Koo, MD; Alexandra Elliott, MD

Pediatric Uveitis Task Force: A Multi-Disciplinary Approach to Management Challenges in Pediatric Uveitis

**Virginia A. Miraldi Utz, MD; Sheila T. Angeles-Han, MD, MSc;
Brenda L. Bohnsack, MD, PhD; Ashley M. Cooper, MD; Stefanie L. Davidson, MD;
Jing Jin, MD, PhD; Kara C. Lamattina, MD; Alex V. Levin, MD, MHSc;
Erin Stahl, MD**

Adult Strabismus Workshop

**David Stager, Jr., MD; Steven M. Archer, MD; Edward G. Buckley, MD;
David B. Granet, MD; David L. Guyton, MD; Joanne Hancox, FRCOphth;
Gena Heidary, MD, PhD; Irene H. Ludwig, MD**

WORKSHOPS

2:45 pm – 4:00 pm AOC Workshop: Alternative Treatments: Bogus or Bona Fide?

**Steven Archer, MD; Kimberly Merrill, CO; Douglas Fredrick, MD;
Sarah Whitecross, CO, OC(C); Mary DeYoung Smith, CO;
Anna Horwood, PhD, DBO(T); Laura Heinmiller, MD; Kathryn Haider, MD;
Karl Henson, CO; Brenda Boden, CO**

Practical Oculoplastics for Pediatric Ophthalmologists

**Laura B. Enyedi, MD; David I. Silbert, MD; Gregg T. Lueder, MD;
Michelle T. Cabrera, MD; Faramarz Hidaji, MD**

Musculoskeletal Symptoms Among Ophthalmologists and How to Prevent Them

Scott E. Olitsky, MD; Donny Suh, MD; Safer Siddicky, PhD

Multimodal Imaging of the Infant and Pediatric Eye: Pearls and Pitfalls

**Bhamy Hariprasad Shenoy, MBBS, MS, FICO, FRCOphth;
Vinod Sharma, MBBS, MS, DNB, FRCSEd, FRCOphth;
Jane Ashworth, BVCh, FRCOphth, PhD; Chethan K. Patel, BSc, MBBS, FRCOphth;
Krishanth Sornalingam, MBBS**

3:45 pm – 4:15 pm Poster Set Up (2nd Set)

4:15 pm – 5:15 pm President's Special Symposium

Learning Resiliency to Improve Wellness in the Workplace

LaTasha B. Craig, MD

5:30 pm – 6:30 pm Young Ophthalmologists, Senior Ophthalmologists and New Member Reception

5:15 pm – 8:00 pm Poster Viewing (Authors not present)

7:00 pm – 10:00 pm Children's Eye Foundation of AAPOS Gala on the USS Midway (Separate Registration/Additional Fee)

SATURDAY, MARCH 30, 2019

7:00 am – 5:00 pm Registration

7:00 am – 8:00 am Poster viewing (2nd Set) (Authors not present) – CME eligible – Breakfast

8:00 am – 2:00 pm Administrators Program

8:00 am – 8:02 am Introduction of the Young Investigator Award

Gil Binenbaum, MD, MSCE

8:02 am – 8:12 am Young Investigator Paper
The Functional Impact of Strabismus

Stacy L. Pineles, MD, MS

8:12 am – 8:13 am Presentation Ceremony
Gil Binenbaum, MD, MSCE

RETINOPATHY OF PREMATURETY – RETINA

8:13 am – 8:20 am Validation of the G-ROP Modified Retinopathy of Prematurity Screening Criteria
Gil Binenbaum, MD, MSCE

8:20 am – 8:27 am Punctate Hyperreflective Vitreous Opacities Visualized by Handheld Spectral Domain Optical Coherence Tomography in Premature Infants Screened for Retinopathy of Prematurity
Emily M. Zepeda, MD

8:27 am – 8:34 am Deep Learning for Monitoring ROP Progression
Kishan Gupta, MD, PhD

8:34 am – 8:41 am Short- and Long-Term Effects of Aflibercept on Retinal Vascular Development in the Oxygen-Induced Retinopathy Mouse Model of Retinopathy of Prematurity
Sarina M. Amin, MD

8:41 am – 8:48 am Can Fluorescein Angiography Retinal Findings Predict the Late-Onset Risk of Recurrence Post Intravitreal Bevacizumab for ROP?
Swati Agarwal-Sinha, MD

8:48 am – 8:55 am Comparison of Hand-Held Spectral Domain Optical Coherence Tomography (HH-SDOCT) findings in Non-Accidental Injury (NAI) and non-NAI
Bhamy Hariprasad Shenoy, MBBS, MS, FICO, FRCOphth

STRABISMUS – EXTRAOCULAR MUSCLES

8:55 am – 9:02 am A Prospective Observational Study of Adult Divergence Insufficiency Esotropia
Eric R. Crouch, MD

9:02 am – 9:09 am The Medial Rectus is the Bad Actor in Intermittent Esotropia
Joseph L. Demer, MD, PhD

9:09 am – 9:16 am High Prevalence of Sagging Eye Syndrome in Adults with Binocular Diplopia
Toshiaki T. Goseki, MD, PhD

9:16 am – 9:23 am Horizontal and Vertical Eye Movements After Horizontal and Vertical Recti Were Detached from Eyes in Patients with Nystagmus
Dongsheng Yang, MD, PhD

9:23 am – 9:27 am DISCUSSION OF PREVIOUS PAPER
Michael C. Brodsky, MD

PRACTICE MANAGEMENT

9:27 am – 9:34 am Machine Learning for Prediction of Pediatric Ophthalmology Examination Lengths and Scheduling Optimization
Michelle R. Hribar, PhD

9:34 am – 9:41 am Pediatric Ophthalmology Documentation Using Electronic Health Records (EHRs): Where Does the Data Come From, and How Often is it Reviewed?
Michael F. Chiang, MD

9:41 am – 9:55 am **PANEL DISCUSSION**

9:55 am – 10:55 am Interactive Poster Session – Author Presentation and Q/A
2nd Set of Posters (101-200) – Authors Present – CME eligible
(Odd Numbered Posters 9:55 – 10:30; Even Numbered Posters 10:20 – 10:55)

11:00 am – 11:20 am Updates

JAAPOS Update
William V. Good, MD

ABO Update on Continuous Certification
Julia L. Stevens, MD

AAP Update
Geoffrey E. Bradford, MD

Surgical Scope Fund Update
Kenneth P. Cheng, MD

IPOSC Update
Sonal Farzavandi, MD

Meetings Update
Scott A. Larson, MD

NEURO-OPHTHALMOLOGY – OCULAR SENSORY – STRABISMUS SURGERY

11:20 am – 11:27 am	A Prospective Outcomes Study of Pediatric Optic Neuritis Stacy L. Pineles, MD, MS
11:27 am – 11:34 am	A Novel Algorithm for Visual Field Testing in Pediatric Neuro-Ophthalmic Disease Using Saccadic Vector Optokinetic Perimetry Bilal K. AlWattar, MD
11:34 am – 11:41 am	The Effect of Decreasing Working Distance in Stereopsis and Its Role in Perception of Closure While Texting and Driving Amanda M. Selchau, MD
11:41 am – 11:48 am	Treating Central-Peripheral Rivalry (CPR)-Type Diplopia Jonathan M. Holmes, BM, BCh
11:48 am – 11:55 am	Stepped Strabismus Surgery Amr A. Elkamshoushy, MD

AMBLYOPIA

11:55 am – 12:02 pm	What Causes Slow Binocular Reading in Amblyopic Children? Krista R. Kelly, PhD
12:02 pm – 12:06 pm	DISCUSSION OF PREVIOUS PAPER Anna Horwood, PhD, DBO(T)
12:06 pm – 12:13 pm	Feasibility of Eye Patch Assistant Plus A Microsensor to Monitor Objective Adherence with Patching Jingyun Wang
12:13 pm – 12:20 pm	Novel Digital Therapeutic Improves Visual Acuity and Encourages High Adherence in Amblyopic Children Aaron M. Miller, MD
12:20 pm – 12:24 pm	DISCUSSION OF PREVIOUS PAPER David K. Wallace, MD, MPH
12:24 pm – 12:31 pm	Baseline and Clinical Factors Associated with Response to Binocular Amblyopia Treatment Eileen E. Birch, PhD

PUBLIC HEALTH

12:31 pm – 12:38 pm	Reliability of Telemedicine for Real-Time Pediatric Ophthalmology Consultations Sudha Nallasamy, MD
12:38 pm – 12:45 pm	Redesigning Surgical Magnification Loupes: Effect of Angle of Declination, Weight, and Strap Design on the Postural Ergonomics of Ophthalmic Surgeons Safeer F. Siddicky, PhD
12:45 pm – 1:00 pm	PANEL DISCUSSION
2:00 pm – 3:15 pm	SEC Practice Management Workshop From Getting Started to Retirement, Practice Management Strategies That Do (and Don't) Work Eric A. Packwood, MD; Shira L. Robbins, MD; Michael G. Hunt, MD; G. Vike Vicente, MD; Jim Hiles, ChFC; Robert Wiggins, MD; Scott E. Olitsky, MD
3:30 pm – 5:30 pm	Coding a Day in the Life of the Pediatric Ophthalmologist 2019 Sue J. Vicchriilli, COT, OCS, OCSR; Shira L. Robbins, MD; Michael J. Bartiss, OD, MD; Robert S. Gold, MD, FAAP, Traci Fritz, COE
5:30 pm – 7:00 pm	Poster Viewing 2 nd Set – Authors Not Present
7:00 pm – 10:00 pm	Closing Reception

SUNDAY, MARCH 31, 2019

6:30 am – 10:30 am	Registration
6:30 am – 8:00 am	Breakfast
6:30 am – 7:00 am	Poster viewing (2 nd Set) (Authors not present) – CME eligible
7:00 am – 8:00 am	Video Demonstrations of Signs, Diagnostics of Diseases, and Complex Surgical Procedures in Pediatric Ophthalmology and Strabismus

**Sharon F. Freedman, MD; Nikos Kozeis, MD; Hana Leiba, MD;
Phoebe D. Lenhart, MD; Stacy L. Pineles, MD; Ankoor S. Shah, MD, PhD**

8:10 am – 9:10 am	Difficult Non-Strabismus Problems Laura B. Enyedi, MD; Matthew Gearinger, MD; Mary A. O'Hara, MD; Ricardo Rodriguez-Rosa, MD; David K. Wallace, MD; Tammy L. Yanovitch, MD
9:20 am – 10:20 am	Difficult Problems in Strabismus Rosario Gomez-de-Liaño, MD; Seyhan B. Özkan, MD; Andrea Molinari, MD; Gill Adams, MD; Mohamad S. Jaafar, MD; Galton Vasconcelos, MD
10:20 am	End of 2019 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

First set of posters will be displayed from 4:00 PM Wednesday, March 27 – 11:30 Friday, March 29

VISION SCREENING – AMBLYOPIA – SENSORY

1	Reading Target Communities in a Preschool Vision Screening Program Richard A. Ulangca, BS
2	Implications of Community-Based Repeat Annual Vision Screening Using the Spot Photoscreener Connie J. Oh, BS
3	Vision Screening and Educational Development in Preschoolers from Low-Income Communities Christopher R. Lees
4	Refractive Error Prevalence Among Inner-City Students Receiving School-Based Vision Screenings and Eye Exams Angeline Nguyen, MD
5	Effects of State Variation in Vision Screening Policy on Likelihood of Vision Screening in Children Ages Three to Five John H. Lillvis, MD, PhD
6	Analysis of Vision Screening Failures in a School-Based Vision Program (2016-18) Rachel R. Milante, MD
7	A Qualitative Approach to Understanding Reasons for Non-Participation in School-Based Vision Programs Hursuong Vongsachang, BA
8	The Value of Multiple Telephone Calls in Ensuring Follow-Up After Referral From Vision Screening Chase R. Atiga, BA
9	Vision Screening and the School Nurse in Washington State K. David Epley, MD
10	Prevalence and Perception of Childhood Vision Needs Following Discontinuation of School Screenings in Tanzania Kayla M. White
11	Response to Patching in Amblyopic Patients with and without Fusion Maldevelopment Nystagmus Matteo Scaramuzzi, MD
12	From Bears to Dinosaurs: Lenticular Technology to Measure Stereopsis in Children Oded Lagstein, MD

LOW VISION

13	Assessing Eye-Related Quality of Life and Functional Vision in Children with Visual Impairment, Using the New PedsEyeQ Pediatric Eye Questionnaires David A. Leske, MS
14	Numeric Equivalents for Alpha Acuties: Salvation for EMR Research Disasters Robert W. Arnold, MD
15	The Relationship between Severity of Visual Impairment and Learning Scores of the Blind at the Bangkok School of the Blind Navapol Kanchanaranya, MD
16	Accommodation and Refractive Error of Children with Congenital Zika Syndrome Luiza M. Neves, MD

REFRACTION – REFRACTIVE ERRORS

17	A 3D-Printed Tool for Improved Retinoscopy Experience Richard W. Helms, PhD
18	Estimating Cycloplegic Retinoscopy by School Bus Accommodation-Relaxing Skiascopy (SBA-RS) Andrew W. Arnold, OMS II
19	A Rule of Astigmatism in Pediatric Subluxated Crystalline Lens Ran David, MD, PhD
20	Implantation of Toric Phakic Intraocular Lenses To Treat Astigmatism in Special Needs Children Nicholas Faron
21	Emmetropization During Early Childhood Yvette L. Schein
22	Verification of Myopia Growth Chart Using Pediatric Cohort Data Dae Hee Kim, MD
23	Practice Patterns to Decrease Myopia Progression Differ Among Pediatric Ophthalmologists Around the World Eedy Mezer, MD

STRABISMUS

24	Amplified Esotropia Syndrome: Long-Standing, Large-Angle Esotropia Causing Laxity of the Lateral Rectus-Superior Rectus Band Leading to Progressive Esotropia Phillip A. Tenzel
25	Genetic Associations in Esotropia: Genome-Wide Association Study and Copy Number Variation Mary C. Whitman, MD, PhD
26	Histopathologic Study of Accessory Orbital Band in Type I Duane Syndrome Federico Velez, MD
27	'Paradoxical' Duane Retraction Syndrome with Abduction Deficit and Exotropia: Natural History and Surgical Management Mary E. Runkle, MD
28	Evaluation of Factors Affecting Sensory Outcomes in Patients with Intermittent Exotropia Zane D. Foster
29	Block Building Performance Test Using a 3-Dimensional Virtual Reality System in Children with Intermittent Exotropia Seung Ah Chung, MD
30	A Prospective Observational Study of Adult Convergence Insufficiency David K. Wallace, MD, MPH
31	Objective Convergence Insufficiency and Fusional Convergence Amplitude Measurements with an Eye Tracking Based Device Tamara Wygnanski-Jaffe, MD
32	'Exotropic' Heavy Eye Syndrome in Unilateral High Axial Myopia Dina H. Hassanein, MD, FRCS
33	Globe Size and Eccentric Rotational Axis: Effect of Axial Myopia Robert A. Clark, MD

STRABISMUS SURGERY

34	Quality Analysis of YouTube Videos for Pediatric Strabismus Surgery Benjamin K. Young
35	Determination of the Strabismus Surgery Dosage Accuracy Using a New Technology Satenik G. Agagulyan, MD
36	Strabismus Surgical Time-Out: An Illustrated Whiteboard Modification Natasha N. Loudin, MD
37	Abscess Formation After Strabismus Surgery – A Case Series and Review of the Literature Fran L. Wu, MD, MPH
38	Loss to Follow-Up After Strabismus Surgery: A Survey of Caregiver Impressions and Impediments to Appointment Attendance Robert L. Dembinski
39	Effects of Strabismus Surgery on Visually Guided Saccades Fatema F. Ghasia, MD
40	The Changing Face of Adult Strabismus Surgery Frederick R. Burgess, MBChB

41	Adult Strabismus Surgery Outcomes with Adjustable and Nonadjustable Sutures Siddharth Bhargava
42	Natural Course and Surgical Outcomes of Ophthalmoplegia After Iatrogenic Ophthalmic Artery Occlusion Caused by Cosmetic Filler Injections Yunjin Lee
43	Face and Content Validation of a Low Cost Strabismus Surgery Simulation Model Saurabh Jain

HORIZONTAL STRABISMUS SURGERY

44	Magnitude and Stability of Alignment in Children Following Bupivacaine and/or Botulinum Toxin A Injection Into Extraocular Muscles Rasha H. Zedan, MD
45	Single Lateral Rectus Resection in Adult Non-Accommodative Esotropia Vanessa K. Avellaneda-Chevrier OC(C)
46	Combined Unilateral Recession/Resection Surgery in the Management of Esotropia with Near-Distance Disparity Panagiota Antonopoulou, FRCOphth
47	Botulinum Toxin-Augmented Surgery for Large-Angle Esotropia Livia A. Kuhl, MD
48	Surgical Outcomes for Esotropia in Children with High AC/A Ratio Reecha S. Bahl, MD
49	Horizontal Rectus Muscle Resections in the Elderly: Indications and Outcomes Cody R. Richardson, MD
50	Jensen's Procedure Combined with Adjustable Medial Rectus Recession to Treat Complete Sixth Nerve Palsy Vu Thi Que Anh, MD
51	The Relationship of Age and Other Baseline Factors to Outcome of Initial Surgery for Intermittent Exotropia Michael X. Repka, MD, MBA
52	Large Angle Exotropia and the Legend of the Surgical Dose-Response Curve Lin L. Li, MD, PhD
53	Effect of Inferior Oblique Myectomy on Primary Position Horizontal Alignment in Patients with Exotropia Christina Scelfo
54	Results of Sensory Exotropia Surgery With and Without Oblique Muscles Weakening Andre Leite, MD
55	Prevalence and Natural History of Consecutive Exotropia in Botulinum Toxin Chemodenervation for Esotropia Crystal S. Cheung, MD

NEURO-OPHTHALMOLOGY

56	Acute Acquired Comitant Esotropia in Children: Is It a Neurological Disease? Gad Dotan, MD
57	Ophthalmologic Disorders and Risk Factors in Children with Autism Spectrum Disorder (ASD) Melinda Y. Chang, MD
58	Ocular Findings in Children with Headache Lisa Y. Lin, BS
59	Clinical Implications of ERG Monitoring for Vigabatrin Toxicity Benjamin G. Jastrzembki
60	Longitudinal Change of Buried Optic Disc Drusen in Children Hyun Joo Kee, MD
61	Test-Retest Reliability of Goldmann Perimetry in Children with NF-1 Associated Optic Pathway Glioma Sarah Whitecross, MMedSci, OC(C), CO

OCULOPLASTICS

62	Conjunctival Nevi in Children: Clinical and Anterior Segment Optical Coherence Tomography Features Manca Tekavcic Pompe
63	Prevalence and Clinical Features of Orbital Vascular Anomalies in Children Laura A. Torrado, MD

64	Effect of Oral Propranolol in Astigmatism-Induced Orbital Hemangioma Nora Aldohayan, MD
65	The Use of 3-D Reconstruction Technology in the Treatment of Severe Bilateral Ocular and Facial Trauma from Dog Bite Catherine S. Choi, MD
66	Quality of Life and Visual Perception in Children and Young Adults with Anophthalmia and Microphthalmia Treated with Ocular Prosthesis Marita Andersson Gronlund, MD, PhD
67	Outcome of Primary Probing for Congenital Nasolacrimal Duct Obstruction in Older Children Margaret M. Reynolds, MD
68	Nasolacrimal Duct Obstruction and the Development of Anisometropia and Amblyopia Archana A. Nair, MD, MS

CATARACT

69	Predictive Value of Intraocular Lens Power Calculation Formulas in Children Asmaa M. Shuaib, MD
70	Digital Biometry in Children Undergoing Cataract Surgery in Vitrectomised Eyes Sumita S. Agarkar
71	Practice Patterns in the Surgical Management of Pediatric Traumatic Cataracts Angela Y. Zhu, MD
72	Prognostic Factors Associated with Poor Visual Outcome of Traumatic Pediatric Cataract: A 10 Years Retrospective Review Thanidha Vitayavisavasakul, MD
73	Referral Basis for Congenital and Juvenile Cataracts Laura C. Huang, MD
74	Is There Any Role for Endoilluminator in Pediatric Cataract Surgery? Beginner's Perspective Abhilasha A. Parkhe, MS, FPOS
75	Spectacle Adherence Among Four-Year-Old Children in the Infant Aphakia Treatment Study Scott R. Lambert, MD
76	Long-Term Outcomes of Secondary Intraocular Lens Implantation in Children Bharti R. Nihalani-Gangwani, MD
77	Does Secondary Intraocular Lens Implantation Cause or Worsen Glaucoma in Children? Peter J. Ness, MD
78	Changes in Intraocular Pressure and Anterior Chamber Angle after Congenital Cataract Extraction Jylan Gouda
79	Unexpected Returns to the Operating Room Within 3 Months After Pediatric Cataract-Related Intraocular Surgery: Indications and Risk Factors Colette M. Jackson, MD

GENETICS

80	Clinical Experiences in an Ocular Genetics Tertiary Care Clinic Robert S. Lowery, MD
81	Novel Variant in SLC38A8 Gene Segregating with Foveal Hypoplasia in an Autosomal Recessive South Asian Family Zia Chaudhuri, MS, FRCS (Glasg), PhD
82	Connective Tissue Disorders: A Prospective Comparison of Ophthalmic Findings of Marfan Syndrome Versus Loeys-Dietz Syndrome Amgad A. Eldib, MBChB

RETINA

83	Indirect Ophthalmoscopy Without an Indirect Kartik S. Kumar, MD
84	Electroretinography Using RETeval ERG System in Children with Diabetes Mellitus Chenhao Yang
85	Characteristics of Optical Coherence Tomography Angiography (OCT-A) in Pediatric Renal Disease Population Aparna Ramasubramanian, MD

86	Incidence of Mitogen-Activated Protein Kinase Inhibitor-Associated Retinopathy in Pediatric Patients Lauren M. Imbornoni, MD
87	Outcomes of Subretinal Delivery of Voretigene Neparvovec for Leber Congenital Amaurosis: The CHLA Experience Aaron Nagiel, MD, PhD
88	Clinical Profile and Treatment Outcomes Following Laser Monotherapy and Combination Therapy with Bevacizumab in Pediatric Coats' Disease (PCD) Vinod Sharma, MBBS, MS, DNB, FRCSEd FRCOphth
89	Ocular Injuries in Pediatric Abusive Head Trauma Rebecca S. Weiss, MD

RETINOPATHY OF PREMATURITY

90	Rationale, Design, and Subject Characteristics of the Postnatal Growth and Retinopathy of Prematurity Validation Study (G-ROP-2) Lauren A. Tomlinson
91	Comparing Left and Right Eyes in Retinopathy of Prematurity With and Without Patent Ductus Arteriosus Aaron M. Skelton, MD
92	Characteristics of High Risk Infants That Do Not Develop Retinopathy of Prematurity Alyssa Spiller
93	Music Therapy May Decrease Apnea Associated with Retinopathy of Prematurity Exams Susan M. Bakouros
94	Socioeconomics of Retinopathy of Prematurity Screening and Treatment in the United States Shagun K. Bhatia, MD
95	Impact of Higher Target Oxygen Saturation Levels on Postnatal Weight Gain as a Predictor for Retinopathy of Prematurity Carolyn Wu, MD
96	Pattern of Retinopathy of Prematurity Cases From Differing Oxygen Level Changes in a Tertiary Referral Centre in Malaysia Over Two Different Periods – A Middle-Income Country May May Choo, MBBS, FRCS
97	Dome-Shaped Macula in Infants Screened for Retinopathy of Prematurity as Seen By Handheld Spectral-Domain Optical Coherence Tomography Alex T. Legocki, MD
98	Longitudinal Analysis of Retinal Vascular Characteristics in Narrow-Field Retinal Images of Infants Being Screened for Retinopathy of Prematurity: A Quantitative Approach Jagger C. Koerner, MD
99	Progression from Pre-Plus Disease to Plus Disease in the G-ROP Study Ryan S. McGuire
100	Treatment of Retinopathy of Prematurity with Intravitreal Bevacizumab in Infants Weighing 500 Grams or Less at Birth Elise L. Timtim

Second Set of Posters

Second set of posters will be displayed from 4:30 PM Friday, March 29 – 10:30 AM Sunday, March 31

VISION SCREENING

101	Abnormal Red Reflex: Etiologies in a Pediatric Ophthalmology Population Sophie Y Lin, BA
102	Accuracy of the Red Reflex Test to Detect Unequal Refractive Error Aldo Vagge, MD, PhD
103	Objective Measurement of Visual Acuity by Optokinetic Nystagmus Suppression Anja Palmowski-Wolfe
104	A Device for the Assessment of Both Visual Acuity and Strabismus to Identify Amblyopic Risk Factors in Preverbal and Verbal Children – Pilot Study Daphna Mezad Koursh, MD
105	Performance of a Photoscreener with Novel C.R. Infrared Wand Strabismus Estimation Compared to Another Screening Device and Comprehensive Examination Stephanie L. Arnold, OMS II

106	Performance of a Screening Game on Children and Adults with and without Binocular Suppression Kyle A. Smith, OD, MA
107	Cycloplegic Refractive Error and Amblyopia Risk Factors Found After Photoscreening Mariana A. Flores Pimentel, MD
108	A Novel Objective Visual Acuity Screener for Preschool Children Ben Thompson, PhD
109	The Effect of Delay in Obtaining an Eye Exam After a Failed Vision Screening Anne M. Langguth, MD
110	Prevalence of Amblyopia in Bulgaria: Does the Lack of a Screening Program Affect the Statistics Stela P. Dikova, MD, PhD

AMBLYOPIA

111	Exploiting Principles of Timing-Dependent Plasticity to Treat Amblyopia Eric D. Gaier, MD, PhD
112	A Retrospective Study to Analyze Results of Continuous Fulltime/Total Occlusion in Cases of Unilateral Severe Refractory Amblyopia Nikhil V. Rishikeshi, DO, FPOS
113	The Use of Occlusive Contact Lenses after Failure of Conventional Treatment of Amblyopia – Revisited Patrick Watts, FRCOphth
114	Evaluation of Part-Time Occlusion Compliance for the Treatment of Amblyopia Victoria Sattarova, MSc
115	Comparative Evaluation of Binocular Visual Stimulation Versus Occlusion Therapy in Children with Anisometropic Amblyopia Shayeri S. Roy, MBBS
116	Amblyopic Eye Accommodative Response in Children with Binocular Treatment Reed M. Jost, MS
117	Effect of an Integrated Perceptual Learning Game on Visual Functions of Children with Amblyopia Yoon H. Lee, MD
118	Correlation of Patching Compliance with Visual Outcomes in Unilateral Aphakia Jonathan A. Go, BBA
119	Clinical Outcomes of Pediatric Uveitis in Patients in an Amblyogenic Age Range Rebecca F. Neustein, MD

COLOR VISION – SENSORY

120	Effect of Enchroma Filter on Color Vision Screening Using Ishihara and Farnsworth D-15 Color Vision Charts Brandon Clair, MD
121	Single Red Maddox Rod: An Easier Way to Determine Subjective Torsion Monte I. Stavis, MD
122	Utilizing Optical Coherence Tomography for Objective Assessment of Ocular Torsion Haci Ugur Celik

EXTRAOCULAR MUSCLES – STRABISMUS

123	Correlation Between Axial Length and Horizontal Extraocular Muscles Insertion Site Using Anterior Segment Optical Coherence Tomography in Normal Population Nermeen M. Bahgat, MD
124	Incidence of Strabismus in Children Initially Diagnosed with Pseudostrabismus Using the Optum Dataset Won Yeol W. Ryu, MD
125	Measuring Attention Bias in Subjects with Strabismus Lina Raffa, MD, PhD
126	Using the Diplopia Questionnaire as and Outcome for Strabismus Studies Sasha A. Mansukhani, MBBS
127	Anomalous Superior Oblique Muscle in Congenital Fibrosis of the Extraocular Muscles Talia N. Shoshany, BA
128	Strabismus is Correlated with Gross Motor Function in Children with Cerebral Palsy Heeyoung Choi
129	Diplopia After Strabismus Surgery for Adults with Non-Diplopic Childhood-Onset Strabismus Jenny Y. Wang, MD

130	A Prospective Observational Study of Adults with Small-Angle Hypertropia Katherine A. Lee, MD, PhD
131	A Novel Mechanism for Apparent Inferior Oblique Overactions (IOOA) Lionel Kowal, FRANZCO
132	Sudden Onset Fourth Nerve Palsy: Clinical Characteristics and Treatment Implications Jinali R. Diora, MD

STRABISMUS SURGERY

133	Transposition of Plicated Horizontal Muscles Parth Shah, MD
134	A Variation to the Rectus Plication Procedure Sarah N. DeVaro
135	Long Term Results of 'Sliding Shape Muscle Transposition with Plication' Operation Birsen Gokyigit, MD
136	Long Term Results of Lateral Rectus Disinsertion and Reattachment to the Orbital Wall in Complete Third Nerve Paralysis Dana Garzosi, MD
137	Bilateral Full Tenectomy of the Superior Oblique Muscle for the Treatment of A-Pattern Strabismus Iara Debert, MD, PhD
138	Does It Work? The Inferior Oblique Anterior Nasal Transposition (IOANT) – Procedure with Short Tag Noose Adjustable Sutures in Treating 4 th Nerve Palsies with Large Angle Deviation Jon Peiter Saunte, MD
139	Torsional Incomitance After Asymmetrically Adjusted Harada-Ito Procedures in an Attempt to Correct Small Co-Existing Vertical Deviations in Bilateral Fourth Nerve Palsy Mireille N. Jabroun, MD
140	Comparison of Unilateral Recession or Resection of the Inferior Oblique Muscle During Anterior Transposition for Treatment of Asymmetric Vertical Strabismus Marlo Galli, CO
141	Combined Inferior Rectus Recession and Lower Eyelid Retractor Release in Thyroid Eye Disease Lindsay M. De Andrade, MD

NYSTAGMUS

142	The Outcome of Patients with Abnormal Head Position Due to Nystagmus Treated with The Anderson-Kestenbaum Procedure Alina V. Dumitrescu, MD
143	Novel Classification of Strabismus Coexisting with Infantile Nystagmus Syndrome: Clinical Characteristics and Surgical Outcomes Yuxi Zheng, BS
144	The Psychological Effects of Infantile Nystagmus Maria Theodorou, FRCOphth
145	Clinical and Electrophysiological Outcomes After Eye Muscle Surgery in 81 Adults with Infantile Nystagmus Syndrome (INS) Richard W. Hertle, MD
146	Two-Muscle Extended Recession Surgery for Infantile Nystagmus Syndrome with Face Turn Ping Wang, MD
147	Case Series: Horizontal Transposition of Vertical Recti for Idiopathic Nystagmus Syndrome with Head Tilt Alexander H. de Castro-Abeger, MD, MBA

NEURO-OPHTHALMOLOGY

148	Correlation Between Spectral Domain Optical Coherence Tomography (SD-OCT) and Long-Term Vision Loss in Children with Papilledema Michael J. Wan, MD, FRCSC
149	The Relationship Between Optic Canal Size and Severity of Papilledema in Children with Intracranial Hypertension Anastasia A. Alex, MD
150	Utility of the OCT Lazy V Sign in Diagnosing Optic Nerve Edema in a Pediatric Population Hilliary E. Inger, MD

151	Influence of Optic Nerve Appearance on Final Visual Outcome in Pediatric Patients with Idiopathic Intracranial Hypertension (IIH) Jason H. Peragallo, MD
152	Impact of Obstructive Sleep Apnea on Optic Nerve Function in Patients with Craniosynostosis and Recurrent Intracranial Hypertension Josephine Q. Nguyen, BSc
153	Deformation of the Peripapillary Retinal Pigmented Epithelium Layer on OCT: A Useful Tool to Identify Intracranial Hypertension in a Pediatric Population? Mea A. Weaver, BS
154	Longitudinal Analysis of Optic Nerve Edema, Retinal Nerve Fiber Layer Thickness, and Visual Field Mean Deviation in Pediatric Patients with Intracranial Hypertension Hersh Varma, MD
155	Neurofibromatosis Type 1 Associated Optic Pathway Glioma – A Very Long Term Follow Up Michael Kinori, MD

OCULAR FINDINGS

156	Ophthalmologic Findings in Children with Metopic Suture and Deformational Cranial Vault Abnormalities Garrett N. Ungerer
157	Ocular Findings in Pontine Tegmental Cap Dysplasia Lauren C. Mehner, MD, MPH
158	Longitudinal Follow-Up Study of Ocular Pathology in Children with Trisomy 21 in a Pediatric Ophthalmology Clinic Allison C. Umfress, MD

PUBLIC HEALTH

159	Experience of a Non-Pediatric Trained Ophthalmic Hospitalist at a Children's Hospital Ashley Khalili, MD
160	An Examination of Visits to the Pediatric Emergency Departments for Emergent, Urgent and Non-Urgent Ocular Conditions Jing Jin, MD, PhD
161	Pediatric Ocular Injuries: A 3-Year Follow-Up Study of Patients Presenting to a Tertiary Care Clinic in Canada Cyril Archambault
162	Survey of Atropine for the Control of Myopia Noah S. Ekdawi, MD
163	Psychosocial and Mental Health Disorders Among Patients with Congenital Ptosis Tina M. Hendricks

ANTERIOR SEGMENT

164	Differences in the Microbiome by Anatomic Site with Age Kara M. Cavuoto, MD
165	Conjunctival Flora Before and After Povidone-Iodine in Neonates Sapna S. Desai, MD
166	Antibiotic Resistance Among Ocular Bacterial Pathogens from Pediatric Patients Rachel A. Wozniak, MD, PhD
167	Management of Ocular Manifestations of Harlequin Ichthyosis in the Perinatal Period Sylvia Kodsi, MD
168	Magnetic Resonance Imaging Findings in Children with Congenital Corneal Opacities Julia Xia, BA
169	Anatomic and Visual Outcomes in Peters Anomaly Samiskha Fouzdar Jain, MD
170	Ocular Trauma Score (OTS) Versus Adapted OTS in Pediatric Open Globe Injuries Nashwa Badr Eldine
171	Ocular Chemical Injuries from Laundry Detergent Pods in Children Samantha J. Feldman, MD
172	Pediatric Lens Subluxation and Post-Lensectomy Visual Acuity Deborah K. Vanderveen, MD

173	Longer-Term Outcomes of Intraocular Lens Implantation in Children with Marfan Syndrome: Trans-Scleral Sutured versus Ophtec Iris-Enclaved Marisa O'Brien, OD
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GLAUCOMA

174	FLEX-Module Optical Coherence Tomography (OCT) – Expanding the Reach of OCT in Evaluating Childhood Glaucoma Navajyoti R. Barman, BS
175	Anterior Chamber Angle Features in Primary Congenital Glaucoma Using Hand-Held Anterior Segment-OCT Ghada Gawdat
176	Structural Changes of the Ciliary Body and Ciliary Processes Measured by Ultrasound Biomicroscopy of Primary Congenital Glaucoma in Comparison to Glaucoma Following Congenital Cataract Surgery Laura E. Andrews, MD
177	Structural Changes of the Anterior Segment Measured by Ultrasound Biomicroscopy in Pediatric Glaucoma Laura S. Kueny, MD
178	Comparison of Vessel Density in Eyes of Children with Juvenile Open Angle Glaucoma and Healthy Age-Matched Controls: An Optical Coherence Tomography Angiography Study Carmel L. Mercado, MD
179	The Relationship Between Retinal Nerve Fiber Layer Thickness and Optic Nerve Cupping in Pediatric Patients with Large Optic Nerve Cup-To-Disc Ratios Mehmet C. Mocan, MD
180	Canaloplasty-Trabeculotomy: A Novel Approach to Pediatric Glaucoma of Various Etiology Lydia Matkovich, MD
181	Micropulse Laser for Glaucoma in Children Krupa H Patel, MD
182	Biomechanical Analysis of Ligatures and Technique for Managing Drainage Tubes in Pediatric Glaucoma Carolina Adams, MD
183	Glaucoma Drainage Device Surgery for Refractory Childhood Glaucoma – Safely Managing the Short Eye HongVan T. Le, MD
184	Long Term Outcomes of Baerveldt Glaucoma Implant (BGI) in Management of Glaucoma Following Congenital Cataract Surgery (Gf-CCS) Jane Ashworth, FRCOphth, PhD
185	Baerveldt Glaucoma Implant After Strabismus Surgery – What to do When a Muscle is Recessed Ann Shue, MD

RETINOBLASTOMA

186	Psychosocial Functioning in Parents of Patients with Retinoblastoma Jane A. Bregman, MD
187	Retinal Mapping of Heritable Retinoblastoma Stefan J. Langenegger
188	An Intraocular Pressure Predictive of High-Risk Histopathologic Features in Group E Retinoblastoma Eyes Mary E. Kim, BA
189	Histopathologic Findings After Selective Ophthalmic Arterial Injection (SOAI) of Melphalan for Retinoblastoma Ho-Min Chen, MD
190	Posterior Vitreous Detachment and the Associated Risk of Retinal Toxicity With Intravitreal Melphalan Treatment for Retinoblastoma John R. O'Fee, BS

RETINOPATHY OF PREMATUREITY

191	Practice Patterns Changes in the Treatment of Retinopathy of Prematurity Joyce Khandji
192	Interleukin-8 as an Emerging Therapeutic Target for Angiogenic Retinopathies Dolly Ann Padovani-Claudio, MD, PhD
193	Two-Year Ocular and Neurodevelopmental Outcomes Among Infants Treated for Retinopathy of Prematurity Using a Commercial Claims Database Michael Zhang, BS

194	A Comparison of Respiratory Outcomes After Treatment for Retinopathy of Prematurity (ROP) with Pan-Retinal Photocoagulation (PRP) or Bevacizumab Gerard Barry, MD
195	Does the Newer Anti-VEGF Therapy Impact Neurodevelopmental Outcomes More Than Conventional Laser Therapy in Infants Treated for Retinopathy of Prematurity? L. Daphna Y. Barbeau, MD
196	Neurodevelopmental and Visual Outcomes in Infants with Retinopathy of Prematurity Treated with Bevacizumab Versus Laser Nasrin Tehrani
197	Early Recurrence of Retinopathy of Prematurity After Initial Intravitreal Ranibixumab Monotherapy – Experience from a Tertiary Referral Center in Abu Dhabi, UAE Tin T. Chan
198	Bilateral Endophthalmitis from Bevacizumab Intravitreal Injections in Type 1 Retinopathy of Prematurity Jason M. So, MD
199	Band Keratopathy in Treated Retinopathy of Prematurity Jon C. Hildebrand, MD
200	Binocularity Outcomes Following Treatment for Retinopathy of Prematurity Sonia Manuchian