

September 12

Poster No./ (Rapid fire No.)	Title	Presenter
P-001 (R-01)	How Well Does The BHVI Myopia Calculator Predict Myopic Progression in a UK Population-based Sample?	Kathryn J. Saunders
P-002 (R-02)	Use of Electronic Patient Record Data to Determine Real World Myopia Progression	James Loughman
P-003	Myopia Crisis among School Children in Tokyo	Erisa Yotsukura
P-004	3-Year Incidence and Prevalence of Myopia and High Myopia in Chinese Schoolchildren in Urban and Subrural Schools	Yee Ling Wong
P-005	Survey on Vision Loss of Primary and Middle School Students in Tianjin	Yanglin Jiang
P-006	Myopia Prevalence by Age in a Clinical Population	Jorge Jorge
P-007	The Prevalence of Myopia in a Large Japanese General Population Cohort; The Nagahama Study	Shinya Nakao
P-008	Age-dependent Positive Correlation between Baseline Axial Lengths and Annual Axial Growth	Haoran Wu
P-009	Long-term Axial Elongation in Adult Highly Myopic Eyes	Masahiro Miyake
P-010	The Association between Change in Body Height, Axial Length and Refractive Error Development in Caucasian Children and Young Adults	Niall Strang
P-011 (R-03)	Sex Difference of Axial Elongation Rate and Ocular Biometry in Elementary School Students	Takehiro Yamashita
P-012 (R-04)	Risk Factors for The Progression of Myopia in Japanese Elementary-Grade School Children	Yoshinori Nakai
P-013	Myopia Onset Prediction using Machine Learning	Shezad Tufail
P-014 (R-05)	Incorporation of Data at Follow-up Visits Improves Accuracy of Predicting Myopia Development	Yanxian Chen
P-015 (R-06)	Violet Light Hypothesis for Prevention of Myopia	Kazuo Tsubota
P-016 (R-07)	The 5-year Cumulative Incidence of Myopic Maculopathy in a General Japanese Population; The Hisayama Study	Emi Ueda
P-017	Association Study of Single-nucleotide Polymorphisms in IGF1 with Myopia in Chinese Adolescents	Tianyu Cheng
P-018	Association of Variants in PDGFRA with Myopia in Chinese Children: The Anyang Childhood Eye Study	Shi-Ming Li
P-019	Accuracy of Genetic Prediction of Myopia in Individuals of Non-European Ancestry	Neema G. Mojarad
P-020	The Effect of Reading Durations and Distances on Nearwork-induced Transient Myopia	Yingying Ye
P-021 (R-08)	Smartphones and Myopia: Is There a Possible Link and Why?	Saoirse McCrann
P-022 (R-09)	Investigating Patterns of Light Exposure in Young Adults.	Long Phan
P-023	Urban-Subrural Differences in Myopia, Nearwork and Outdoor Time in Chinese Schoolchildren: WEPrOM Study	Yang Ding
P-024	The Correlations between After-school Outdoor Activity, Homework Hours and Refractive Error in Myopic School-aged Children in Taiwan	Hsi Chun Lin
P-025 (R-10)	Outdoor Activity and Myopia among College-aged Individuals from Mainland or Overseas in Guangzhou: A Cross-sectional Study	Shengsong Xu
P-026	Profile of Near Work and Outdoor Activity in Children from South India	Meenakshi Swaminathan
P-027	Discrimination of Indoor Versus Outdoor Environmental State with Machine Learning Algorithms	Xiangui He
P-028 (R-11)	Outdoor and Nearwork Time Quantified by Questionnaire and by Clouclip, a Wearable Device	Longbo Wen
P-029	Remotely Monitoring Near-work Distance and Myopia Progression using Personal Mobile Devices	Norberto López-Gi
P-030 (R-12)	Association of Myopia Development with Visual Behavior	Haogang Zhu
P-031 (R-13)	Assessment of Potential Myopia Risk Factors, including Chronotype, in Adolescents in Estonia	Delis Lintam
P-032	Risk Factors of Myopia in a Local Versus an International Primary School in Hong Kong: A Preliminary Analysis of a Parent Administered Questionnaire	Yuanyuan Liang
P-033	Defocus Characteristics of Home-working Scene of Hongkong Schoolchildren and Association with Their Refractive Error Change	Kai Yip Choi
P-034	Measurements of Parapapillary Atrophy Area and Other Fundus Morphological Features in the Process of Myopization	Xi Chen
P-035	Effect of Fundus Lesions of Early High Myopia on Retinal Blood Flow Changes	Shanshan Li
P-036	Factors Associated with Tessellated Fundus in Early Stage of Pathologic Myopia for Young Adults	Jianfeng Zhu
P-037	Morphological Characteristics and Risk Factors of Myopic Maculopathy in an Older High Myopia Population based on the New Classification System (ATN)	Qiuying Chen
P-038	Multimodal Imaging of Linear Lesions in the Fundus of Pathologic Myopic Eyes with Macular Lesions	Kuo Chi Hung
P-039	Abruptly Emerging Vessels in Myopic Patchy Choriorretinal Atrophy	Shiqi Xie
P-040	The Scleral Thickness between Two Types of Bruch Membrane Defects in Pathological Myopia	Jiamin Xie
P-041	Development and Progression of Morphological Characteristics of Optic Disc in Highly Myopic Eyes	Xiaoxiao Guo
P-042	Morphological Characteristics of Optic Nerve Head and Peripapillary Structure in Young Adults with High Myopia	Guangyi Hu
P-043	Identification of Schlemm's Canal by Anterior Segment Optical Coherence Tomography in Patients with Pathologic Myopia	Takuhei Nomura
P-044	Relationship Between Microperimetry and Goldmann Visual Field Variability In Pathological Myopia	Shiho Toyota
P-045	Staphyloma and Other Myopia-related Lesions in Highly Myopic Singapore Adults	Feihui Zheng
P-046	A Retrospective Study on the Development of Posterior Staphyloma in High Myopia Patients	Tae Yokoi
P-047	The Associations of Three-Dimensional Eye Shape with Features of Optic Disc and Myopic Maculopathy in Patients with High Myopia	Ying Fan
P-048	Eyeball Shape Analysis in Myopic School Children using Magnetic Resonance Imaging (MRI): A Case Report	Yu Chen Low
P-049	Posterior Staphyloma in Extremely High Myopia	Yun Hsia
P-050	Myopic Traction Maculopathy Biomarkers on Optical Coherence Tomography Angiography-An Overlooked Mechanism of Visual Acuity Correction in Myopic Eyes	Shih-Wen Wang
P-051	Roles of Internal Limiting Membrane Flap to Close Macular Hole in Highly Myopic Eyes	Kenji Yamashiro
P-052	Pars Plana Vitrectomy and Wide Internal Limiting Membrane Peeling for Highly Myopic Foveoschisis-associated Macular Hole	Jialin Wang
P-053	Vitrectomy Combined ILM Peeling for Myopic Retinal Detachment Caused Decrease of the Ocular Blood Flow	Kaku Itoh
P-054	Study of Vitrectomy with or without Temporal Scleral Shortening for Macular Hole Retinal Detachment	Yayoi Handa
P-055	Regeneration Versus Scarring with Plasma Rich in Growth Factors in Myopic Macular Holes. A New Surgical Approach. Case Report.	Eva Villota-Deleu
P-056	Pars Plana Vitrectomy-associated Macular Atrophy in Pathologic Myopia	Yuxin Fang
P-057	Surgical Outcomes of Esotropia Fixus in Two Patients with High Myopia	Yuri Tsugeno
P-058	Retrospective Record View of Low Vision Aids Prescribed for Highly Myopic Patients with Visual Impairment	Yuko Seko

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P-059	Interrupting Imposed Hyperopic Defocus with Short Periods of Normal Vision or Darkness can Affect Refraction and Ocular Growth in Young Marmosets	Xiaoying Zhu
P-060	Effect of Intervention to Wnt Signaling Pathway in Mouse Model of Form-deprivation Myopia	Jin Hyoung Kim
P-061	RNA Sequencing Reveals Changes in the Guinea Pig Retina after Myopia is Established That are Similar to Those Reported for Scleral Remodelling	Lena D. Fuchs
P-062	Ocular Axial Length in the Knockout Mouse Strain of Gap Junction Delta-2 Protein (GJD2)	Emilie van der Sande
P-063	Connexin36 Phosphorylation in All Amacrine Cell Coupling of the Myopic Retina	Feng Pan
P-064	Biometric and refractive alterations in a <i>gjd2</i> deficient zebrafish model	Wim H. Quint
P-066	DNA Methylation Prevents COL1A1 Transcription through the Smad3 Binding via 2nd and 13th CpG Sites in Form-Deprivation Myopia (FDM) Development	Shiming Jiao
P-067	Retinal ERK Activation is Involved with Myopia Progression in Mice	Toshihide Kurihara
P-068	Amlexanox Activating EGR-1 Suppresses Myopia Progression in a Murine Model of Lens-induced Myopia	Yasuhisa Tanaka
P-070	Atropine's Effect on the Neurochemistry of the Myopic Retina	Monica L. Acosta
P-071	Atropine Inhibits Collagen Production by Scleral Fibroblasts, and Its Toxicity on Corneal Epithelial Cells is Blunted by Topical Colostrum Administration	Dario Rusciano
P-072	The Mutual Effect of Lumican Gene and MMPs on Human Scleral Fibroblasts in the Development of Pathological Myopia	Yanzheng Song
P-073	Altered Expression of Small Leucine-rich Proteoglycans in Lumican Transgenic Myopic Mouse Cornea	Lingbo Lai
P-074	Quantitative Assessment of Microstructural Changes in Myopic Guinea Pig Sclera using 80-MHz Ultrasound	Kazuyo Ito
P-075	Different Effect of Scleral CXL using UVA on Preventing Myopia Before and After Myopic Model Establishment in Guinea Pigs	Fengju Zhang
P-076	The Effect of Non-light-activated Scleral Collagen Crosslinking on Myopia Progression and Posterior Eye Shape Changes The Guinea Pig	Quan V. Hoang
P-077	The Effect of Porcine Sclera Reinforcement by Genipin in vitro	Yuan Wu
P-078	The Effect of Blue and White Light Matched for Chick Photopic Illuminance on Form-Deprivation Myopia Development	Andrew V. Collins
P-079	High Ambient Light Could Retard Myopia Development by Increasing Choroidal Thickness through ipRGS Regulation: The Speculative Review	Irina Verlan
P-080	Blue Light is Protective for Lens-induced Myopia in Guinea Pigs Possibly through a Retinoic Acid Related Mechanism	Jinhui Dai
P-081	Violet Wavelength Specificity for Suppression of Myopia in a Murine LIM Model	Xiaoyan Jiang
P-082	Molecular Pathways of the Violet Light Effect on Myopia Progression	Yumi Hagiwara
P-084	Gut Microbiota Affects Myopia Progression in a Murine Lens-induced Myopia Model	Shin-ichi Ikeda
P-085	Study on the Relationship between Puberty Growth and Refractive Development in Children and Adolescents	Jingjing Wang
P-086	Intersession and Intrasession Repeatability for Different Modalities of Choroidal Thickness Imaging and Segmentation	Katharina Breher
P-087	Short and Longer-term Variations in Choroidal Thickness and Axial Length	Sekar Ulaganathan
P-088	Impact of Short-term Astigmatic Defocus on Human Choroidal Thickness	Hosein Hoseini-Yazdi
P-089	The Correlation between Evening Changes in Melatonin and Choroidal Thickness in the Darkest of Winter	Nickolai G. Nilsen
P-090	Macular Choroidal Thickness in Chinese Preschool Children	Junjie Deng
P-091	Choroidal Thickness Changes and Associated Factors in Children and Adolescents Aged 6 to 18 Years: A One-year Longitudinal Study	Shuyu Xiong
P-092	Perifoveal Choroidal Variation in Myopic Children in the BLINK Study	David A. Berntsen
P-093	Choroidal Vasculature Features in Non-pathological High Myopia patients: Applying an EDI-OCT Derived Tool for Monitoring Disease Progression.	Ran You
P-094	Optic Disc Deformation and Retinal Microvasculature in Non-pathological High Myopia	Jiao Sun
P-095	Association between Retinal Microvasculature and Optic Disc Alterations in High Myopia	Jiangnan He
P-096	Changes in Postoperative Optic Nerve Head Blood Flow of Normal and Myopia Eyes	Yosuke Ida
P-097	Changes of Peripapillary Nerve Fiber Elevation and Axial Elongation in Junior High Students	Hiroto Terasaki
P-098	Macular Morphology in Children using Optical Coherence Tomography Vertical Image	Ryoh Funatsu
P-099	Relationship between Axial Lengths and Postoperative Ocular Blood Flows after Cataract Surgery	Suguru Murakami
P-100	Slowing Axial Elongation in Children using Combined Orthokeratology and 0.01% Atropine Therapy: 6-month Results Showing Potential	Pauline Cho
P-101	Short-term Effect of Low Dose Atropine and Orthokeratology on Axial Length, Choroidal Thickness, and Choriopapillary Blood Flow	Zhi Chen
P-102	The Effect of Initial Lens Diopters on Myopia Control by Orthokeratology in Teenagers - A Retrospective Beijing Study	Ji-Feng Yu
P-103	Myopia Progression in Children Wearing Orthokeratology Lenses	Jie Shen
P-104	One-Year Longitudinal Evaluation of High Myopia Control Effect of a Kind of Soft Contact Lens Which Simulates the Effect of Orthokeratology Lens	Lun Pan
P-105	Improving Myopia and Axial Length Management with the Use of A Customized- Proprietary OK Design	Patrick Simard
P-106	The Effect of Orthokeratology Fitting on Myopia Control	Xue Li
P-107	The Effect of Induced Decentered Orthokeratology Lenses on Myopia-control	Feng Chang
P-108	The Effect of Orthokeratology Lens Wear on Accommodation of Myopia Children	Hao Chen
P-109	Effect of Orthokeratology on Objective Accommodative Amplitude of Myopia Children	Jinhua Bao
P-110	Changes in Accommodation Using orthokeratology in Myopic Subjects	Antonio Queiros Pereira
P-111	Evaluation of Orthokeratology for Myopia Correction in Symptomatic Soft Contact Lens Wearers	Kim Duong
P-112	Short-Term Effects of Overnight Orthokeratology on Corneal Sensitivity in Chinese Children and Adolescents	Ruzhi Deng
P-113	The Effect of Refractive Correction on Myopia Progression in a Short Term for Incipient Myopic Children	Jingjing Xu
P-114	Changes in Retinal Activity Using Orthokeratology in Myopic Subjects - Pilot Study	Paulo R. Fernandes
P-115	Meibomian Gland Evaluation in Orthok Lens Wearing Children over 2 Years	Yun Feng
P-116	Multifocal Spectacles in Childhood Myopia: Are Treatment Effects Sustained? A Systematic Review and Meta-analysis	Dinesh Kaple
P-117	Clinical Development of a Novel Myopia Treatment for Myopia Management	Joe Rappon
P-118	Changes of On-axis and Off-axis Refraction in Children with Predictors of Myopia during Constant using of Plus Spectacles with Horizontal Progression	Andrey Kovychev
P-119	Influence of First Spectacle Wear on Growth Parameters of the Eye	Arne Ohlendorf

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P-121	The Effect of Different Corrections on Accommodative Micro-fluctuation in Progressive Myopic Children	Yun Yun Chen
P-122	Speed of Accommodation and Convergence Responses in Myopes	Vahid Pourreza Ghoushchi
P-123	Features of Convergence and Head Position while Reading Text in the Usual Position in Children with Myopia	Irina Nikolaeвна Gorbachevskaja
P-124	The Characteristics of Stereopsis and Contrast Sensitivity in Children with Television Torticollis	Cheng Yang
P-125	Analysing the Impact of a Gradient-index Crystalline Lens and Accommodation on the Peripheral Refractive Error of a Young Eye	Mark F. Coughlan
P-126	Examination of Difference between Subjective Symptoms and HFC Values of Myopia	Yoshiyuki Ariga
P-127	Analyses on the Binocular Vision and Ocular Biological Parameters in Emmetropia with Different Ages in Adolescents	Lihua Li
P-128	Patient characteristics and determinants of Myopia Control Intervention Selection in an Australian University-based Clinic	Emily C. Pieterse
P-129	Visual performance of a Modified Defocus Incorporated Soft Contact (M-DISC) Lens in Young Myopes	Han Yu Zhang
P-130	The Montreal Experience: Retrospective Analysis of the First 500 Cases	Langis Michaud
P-131 (R-14)	Myopia Progression in Schoolchildren Using Two Different Designs of Soft Multifocal Contact Lenses with Different Addition Powers	Sharanjeet Sharanjeet-Kaur
P-132 (R-15)	Accommodation Accuracy and Stability of Young Adult Myopes Wearing Multifocal Contact Lenses	Kate Gifford
P-133	The Effect of Multifocal Contact Lenses on the Accommodation Step Response of Young Emmetropes and Myopes	Mubeen Mahmood
P-134 (R-16)	Effects of Center-distance Multifocal Contact Lenses with Different Optical Zones and Additions on HOAs, Accommodation and Near Phoria	Giancarlo Montani
P-135	The Influence of Medium and High Addition Soft Multifocal Contact Lenses on Accommodation and Phoria at Near	Pascal Blaser
P-136 (R-17)	The Effect of Blur from Multifocal Contact Lenses upon Axial Length and Choroidal Thickness in Young Adult Subjects with Myopia and Emmetropia	Lyle S. Gray
P-137	Short-term Fluctuations in Choroidal Structure During Dual-focus Contact Lens Wear - A Pilot Study	Louise Terry
P-138 (R-18)	The Effect of Peripheral Add Power on Choroidal Thickness and Volume: A Proof of The Dose Response in Humans	Remy Marcotte-Collard
P-139 (R-19)	Peripheral Refraction with Single Vision And Different Designs of Progressive Soft Contact Lenses: A Cross Sectional Study	Haliza Abdul Mutalib
P-140	The Measurement of Peripheral Refraction with Contact Lenses for Myopia Treatment	David A. Atchison
P-141 (R-20)	Do Multi-zone Contact Lenses Decrease Hyperopic Defocus or Increase Myopic Defocus or Both?	Viswanathan Ramasubramanian
P-142	Effect of Peripheral Defocus on Axial Growth in Children with Hyperopia ? Two-year Data	Ian Beasley
P-143 (R-21)	Parent's Understanding of the Causes, Control and Complications of Myopia	Ivy Yu Xun Shi
P-144	Parental Perspectives of Children Myopia Management	Ee Woon Lim
P-145	Epidemiological Analysis of Shifting Trends of Myopia Control Treatment Selection within University of California, Berkeley School of Optometry	Karen E. Molina
P-146	The Efficacy and Safety of 1% Atropine Sulfate 0.5 mg plus 4 ml Polyethylene Glycol Eye Drops in the Control of Myopia	Xiaomei Qu
P-147 (R-22)	Stepwise Low-dose Atropine for Myopic Control: a 10-year Cohort Study	Meng-Ni Chuang
P-148	The Efficacy of Weekly 1% Atropine for Myopia	Yubin Huang
P-149 (R-23)	The Factors for the Effect of 0.01% Atropine Therapy for Myopia Children	Jing Zhao
P-150	Side Effects of 0.01% Atropine	Jeffrey J. Walline
P-151	Change in Axial Length and Spherical Equivalent in Children Whilst on Atropine Eye Drops	Audrey Chia
P-152	0.01% Atropine-induced Short-term Changes in Pupil Size and Accommodation	Sarah Kochik
P-153	A Pilot Study : the Effects of Atropine Usage and Near Work Activities on Children's Myopia Progression	Wei-Hao Chen
P-154 (R-25)	The Visual Function and Reading Performance in Children with Atropine Treatment - an Eye-Tracker Study	Yeh Yu Jen
P-155	The Effect of 0.1% Atropine on Human Full-Field Electroretinogram Responses	Sachi N. Rathod
P-156 (R-24)	Changes of Global Flash Multifocal Electroretinogram (mfERG) Response after Six-Month 0.01% Atropine Treatment	Serena Z. C. Li
P-157	Axial Length Change by Violet Light Exposure: 2-Year Outcome of Two Individual Cases in a Prospective Clinical Study	Hidemasa Torii
P-158	Proportion of Light That Reaches the Mannequin's Eye with or without Eyeglass Lenses under the Sunshine	Shinichiro Kondo
P-159	A Multicenter Double-blinded Randomized Trial of Oral Crocetin for Myopia Progression in Children	Kiwako Mori
P-160 (R-26)	Association between Xanthine Intake and Myopia in Children/Adolescents	Niamh Burke
P-161	A Novel Use of Multifocal Scleral Lenses for Myopia Control in the Setting of Corneal Scarring	Celia R. Gong
P-162	The Effect of Diffuse Blur on Contrast Sensitivity and Visual Acuity	Swee C. Teoh
P-163	Distribution of Ocular Biometry Parameters and Refractive Error - A Cross-sectional Population Based Study among School Children in South India	Aparna Gopalakrishnan
P-164	Analysis of Components of Total Astigmatism in With-the-rule, Against-the-rule, and Oblique Astigmatism	Lin Zhang
P-165	Effect of Age and Refractive Error on Quick Contrast Sensitivity Function in Chinese Adults	Hanyang Yu
P-166	A Backward Positioning of the Crystalline Lens during Lens Development is a Causative Factor for the Development of Myopia in Schoolchildren	Ji He
P-167	Peripheral Eye Length Elongation in Chinese Myopic Children	Yingying Huang
P-168	Corneal Biomechanical Characteristics in Chinese Myopic Children Aged 5 to 12 Years	Wen Long
P-169	Peripheral Refraction and Higher-order Aberrations: Where Do Myopes Differ?	Dmitry Romashchenko
P-170	Longitudinal Change of Corneal Curvature and Its Relationship of Axial Length/Corneal Curvature Ratio of Flatter Curvature of Myopia	Ling Zeng
P-171	Two-dimensional Peripheral Refraction in Emmetropic Children	Zhenghua Lin
P-172	Distribution of Ocular Biometry and its Relationship to Cycloplegic Refraction in Young Adults: Anyang University Students Eye Study (AUSES)	Yunyun Sun
P-173	Analysis of Cycloplegic Autorefractometry and Adverse Drug Reactions of Tropicamide for Primary School Students in Lincang City Yunnan Province	Ke Zheng
P-174	Inheritance of Peripheral Refraction Profiles	Dibyendu Pusti
P-175	In-phase Diurnal Variation in Melatonin and Crystalline Lens Thickness	Rigmor C. Baraas
P-176	The Indian Myopia Exploratory Study (TIMES) - An Overview of Myopia Scenario in India	Pavan K. Verkicharla
P-177	Potential Economic Costs of Myopia and Myopia Control for Families: Preliminary Results from the Pilot Study	Tina Jinxiao Lian
P-178	Quality of Life between Low and High Myopic Presbyopes using Single Vision and Progressive Lens Correction	Adeline Yang

P-179	Factors that Influence Refractive Changes in the First Year of Myopia Development in Premature Infants	Jianbo Mao
P-180	Association between Refractive Error and the Intrinsically Photosensitive Retinal Ganglion Cells (IpRGC) Driven Pupil Response in Young Adult Humans	Ranjay Chakraborty
P-181	Foveal Photostress Testing: Measuring Recovery Time in Patient with High Myopia	Andrey Gilya
P-182	The Predictability of Intraocular Lens Power Calculation Formulae in Congenital Cataract according to the Age of Implantation	Jeong Hun Kim
P-183	Rigid Gas Permeable Contact Lenses for the Treatment of Pediatric Cataracts in China	Xiaoxiao Zhang
P-184	Unintended Changes in Ocular Biometric Parameters during a 6-months Follow-up Period after Myopic FS-LASIK and SMILE	FangJun Bao