

# 18th Dr E Vaithilingam Memorial Scientific Session

## The Imaging Conference – 2K19

March 9 & 10, 2019 | Sri V.D. Swami Auditorium, Sankara Nethralaya, Chennai

### SELECTED ABSTRACTS

#### Original Research: Paper Presentation

S No	Abstract Number	Presenting Author	Institution	Title of the Study	Type
1	18OR101	Raj Kumar	NIMS University, Jaipur	A Method: Fornix Depth Measurement in Ophthalmic Socket	Paper
2	18OR106	Deepak Gupta	NIMS University, Jaipur	Prevalence of amblyopia and refractive errors among school children in Faridabad, Haryana	Paper
3	18OR109	Sanjana Chouhan S	Sankara Nethralaya, Chennai	Application of virtual reality technology for low vision intervention	Paper
4	18OR116	Mehal Rathore	Sankara Nethralaya, Chennai	Aqueous flare in uveitis: Measurements with an enhanced spot fluorometer	Paper
5	18OR121	J Monica Mareena	SCO Bangalore, RGUHS	Effect of smartphone on accommodation & vergence in bright & dark illumination	Paper

S No	Abstract Number	Presenting Author	Institution	Title of the Study	Type
6	18OR128	Jyothirmay Sri Durga Sai	SCO, Bangalore, RGUHS	Ocular surface changes after using virtual reality device	Paper
7	18OR134	Vaishaly Singh	SCO, Bangalore, RGUHS	Color vision test under different light sources	Paper
8	18OR138	Bhagya Lakshmi Marella	BHIOVS, LV Prasad Eye Institute, Hyderabad	Contrast rivalry as a psychophysical marker of the strength of binocularity with interocular difference in image quality	Paper
9	18OR140	Ashik Anwar Basha	Shri Prakash Institute of Optometry	Design, construction, and results of training of new Do It Yourself rotator to improve dynamic visual acuity	Paper
10	18OR141	Daksha Jain	SRM Institute of Science & Technology, Chennai	Visual task analysis in shooters	Paper
11	18OR144	Rishabh Bhardwaj	BHIOVS, LV Prasad Eye Institute, Hyderabad	Measuring eye movements with and without head stabilization using eye tracker	Paper
12	18OR146	Vijay Reena Durai	LV Prasad Eye Institute, Hyderabad	The threshold interocular difference in retinal illuminance required to experience the Pulfrich – Illusion	Paper
13	18OR147	Aniruddha Banerjee	Sankara Nethralaya, Chennai	Photopic negative response (PhNR) of broadband and monochromatic stimuli in different stages of diabetic retinopathy	Paper
14	18OR150	Asif Iqbal	Sankara Nethralaya, Chennai	Miniscleral lens impact on corneal curvature and pachymetry on keratoconic eyes	Paper
15	18OR151	Amithavikram R Hathibelagal	BHIOVS, LV Prasad Eye Institute, Hyderabad	Rapid assessment of rod and cone-mediated vision in patients with known diseases of the retina	Paper
16	18OR155	Arati Uttarkar	Lotus College of Optometry	To assess the short-term effect of atropine 0.01% eye drops on myopic patients	Paper

S No	Abstract Number	Presenting Author	Institution	Title of the Study	Type
17	18OR159	Aastha Parekh	Lotus College of Optometry	Evaluation of corneal topographic changes post short-term wear of orthokeratology lenses under open eye conditions	Paper
18	18OR161	Maanasi Mahalingam	Elite School of Optometry	Profile of Optic Neuritis in a Tertiary eye care hospital	Paper
19	18OR166	Sana Sayed	Lotus College of Optometry	Central Corneal Thickness changes after short-term day time wear of Ortho-K lenses	Paper
20	18OR168	Trupti Shah	Lotus College of Optometry	Assessing Scleral Contact Lens Satisfaction in a Keratoconus Population	Paper
21	18OR170	Pooja Salunke	Lotus College of Optometry	Students Educational Background, Perception and Expectation towards Optometry: An emerging eye healthcare profession in Mumbai	Paper
22	18OR178	Pranav Sandam	Laxmi College of Optometry	Fusional Vergence measurement with Prism Bar & Eye Dominancy	Paper
23	18OR179	Saujanwita Roy	BHIOVS, LV Prasad Eye Institute, Hyderabad	Objective assessment of accommodation, vergence and pupillary behaviour in patients with spasm of near-reflex	Paper
24	18OR180	Eswar Kurni	BHIOVS, LV Prasad Eye Institute, Hyderabad	Comparison of empirical and theoretical techniques for calibrating gaze position in eyes with infantile nystagmus	Paper
25	18OR181	Saurav Chowdhury	The Sankara Nethralaya Academy, Chennai	Evaluation of the American Society of Cataract and Refractive Surgery online calculator for post – LASIK/PRK and RK eyes	Paper
26	18OR184	Dhruval Parekh	Elite School of Optometry	Assessment of patient compliance with anti-glaucoma medication in a tertiary eye care centre	Paper
27	18OR185	Nayan Gupta	The Sankara Nethralaya Academy, Chennai	To quantify and compare the difference in visual search parameters among subjects with homonymous hemianopia compared to age matched controls.	Paper

<b>S No</b>	<b>Abstract Number</b>	<b>Presenting Author</b>	<b>Institution</b>	<b>Title of the Study</b>	<b>Type</b>
28	18OR186	Kalpa Negiloni	Medical Research Foundation, Sankara Nethralaya	Ophthalmic manifestations in children with HIV/AIDS	Paper
29	18OR187	Jan Sairah Varghese	The Sankara Nethralaya Academy, Chennai	Training and its impact to diagnose the glaucomatous optic nerve head changes by optometrists in India	Paper
30	18OR188	K R Swathi	Sankara Nethralaya, Chennai	Repeatability and agreement between keratometry readings with three different methods namely Manual refractometer, Lenstar LS-900 and Verion	Paper
31	18OR191	Aiswaryah Radhakrishnan	SRM Institute of Science & Technology, Chennai	Stimulus dependence and lateral asymmetry in chromatic blur sensitivity in the parafovea	Paper
32	18OR194	Sneha Nair	SRM Institute of Science & Technology, Chennai	Utilization of eye care services by Sports Players	Paper
33	18OR196	Vavuniya K	Vasan Institute of Ophthalmology and Research, Chennai	Comparison of functional visual status with and without yellow tint and blue filter	Paper
34	18OR198	Priyanka Kammari	LV Prasad Eye Institute, Hyderabad	Myopia progression in Indian Children and Young Adults.	Paper
35	18OR200	Anindita Saha	BHIOVS, LV Prasad Eye Institute, Hyderabad	The extent of foveal fixation with eye movement	Paper

## Original Research: E-Poster Presentation

S No	Abstract Number	Presenting Author	Institution	Title of the Study	Type
1	18OR102	Ankit Mishra	Sitapur Eye Hospital	Prevalence of vision threatening retinal conditions in patients referred for cataract surgery: 'Making the invisible Visible'	E-poster
2	18OR103	Nomitha Baanu T	Sankara Nethralaya, Chennai	A Retrospective review of Low vision intervention for individuals with Oculocutaneous Albinism in a tertiary eye care hospital in India	E-poster
3	18OR104	Subasree R	Sankara Nethralaya, Chennai	Hospital anxiety and depression scale assessment in optic nerve disorder patients before and after low vision care	E-poster
4	18OR105	Unnati Vaish	Sitapur Eye Hospital	Assessment of knowledge, attitude & practice of diabetes & diabetic retinopathy among the patients attending Sitapur eye hospital in U.P.	E-poster
5	18OR107	Thaslima NS	Kerala University of Health Sciences	Trends in prescribing contact lens during a period of 5 years-a hospital-based study	E-poster
6	18OR110	Aditi Singal	Dr Shroffs Charity Eye Hospital	Comparison of OCT features of VKH and CSCR	E-poster
7	18OR112	C P Swetha	Sankara Nethralaya, Chennai	Occupational profile of people with low vision	E-poster
8	18OR114	Agniv Datta	LV Prasad Eye Institute	Clinical presentations, microbiology and management outcomes of culture-proven endogenous endophthalmitis in India	E-poster
9	18OR117	Venkatesh Surabathula	SCO Bangalore, RGUHS	Binocular vision assessment before and after using virtual reality gadget	E-poster
10	18OR119	Nutan Rauniyar	SCO Bangalore, RGUHS	Visual acuity, contrast sensitivity, stereopsis, and w4dt with induced astigmatic blur	E-poster

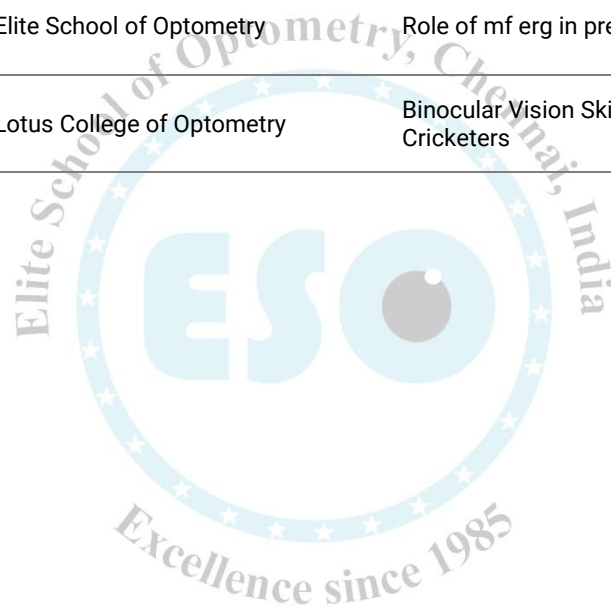
<b>S No</b>	<b>Abstract Number</b>	<b>Presenting Author</b>	<b>Institution</b>	<b>Title of the Study</b>	<b>Type</b>
11	18OR122	Anusha H K	Rajiv Gandhi University	Binocular vision anomalies among table tennis players	E-poster
12	18OR123	Anie Febronia D	Rajiv Gandhi University	Evaluation of tear film quality and quantity in night shift workers	E-poster
13	18OR126	Manashwi Karki	SCO Bangalore, RGUHS	Photostress Recovery Test time Using Different Colour Wavelengths in Normal Subject	E-poster
14	18OR127	Sreelekha B	SCO Bangalore, RGUHS	The effect of weight lifting on Intraocular Pressure	E-poster
15	18OR129	Nivetha Lakshmanan	SCO Bangalore, RGUHS	Anthropometry for spectacle frame design in different age group of Indian population	E-poster
16	18OR130	D Krishna Vamsi	Rajiv Gandhi University	Causes and Management of Low Vision patients in Tertiary Eye Hospital - A Retrospective Study	E-poster
17	18OR131	Pinki Bharati	SCO Bangalore, RGUHS	A survey of satisfaction with wearing ocular prosthesis	E-poster
18	18OR132	Subhekshya Shrestha	SCO Bangalore, RGUHS	A comparative study on binocular vision function among football players and non-athletes	E-poster
19	18OR133	Vighnesh Meloth	SCO Bangalore, RGUHS	VisionPro: An Android Application for Visually Impaired	E-poster
20	18OR135	Maitri Paul	BHIOVS, LV Prasad Eye Institute, Hyderabad	Depth of focus remains constant across contrasts and polarities.	E-poster
21	18OR136	Prakruthi R Gowda	SCO Bangalore, RGUHS	PSRT assessed using visual acuity chart & contrast sensitivity chart	E-poster

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22	18OR137	Krishnaveni N	Vasan Institute of Ophthalmology and Research	Nystagmus – A journey with contact lenses	E-poster
23	18OR139	Agatha Saji	SRM Institute of Science and Technology	Colour vision and occupational chemical exposure among printing industry workers	E-poster
24	18OR142	Sona Paul	Medical Research foundation	Does dropout happen even with patients fitted with contact lens for irregular Cornea?	E-poster
25	18OR143	Shivalika Sehgal	BHIOVS, LV Prasad Eye Institute, Hyderabad	Quantifying Suppression in Patients with Anisometropic Amblyopia	E-poster
26	18OR148	Aishwarya R	Sankara Nethralaya, Chennai	Evaluating the effectiveness of Dot Pattern Visual Cognition test, Wold Visuo-motor test and Test for visual analysis skills among school children	E-poster
27	18OR152	Kowsigan Magesan	Sankara Nethralaya, Chennai	Clinical profile of Serpiginous Choroiditis: A 10-year's data from two tertiary eye care centres	E-poster
28	18OR156	Prathamesh Shasane	Lotus College of Optometry	Construction and Validation of International Reading Speed Texts (IReST) chart in Indian Regional language of Marathi	E-poster
29	18OR158	Ami Patel	Hari Jyot College of Optometry	Influence of near activity on Horizontal phoria in myopia & emmetropia	E-poster
30	18OR160	Hardeep Singh Matharu	Lotus College of Optometry	Comparison of Visual Reaction Time (VRT) in different type of video game players	E-poster
31	18OR162	Devanshi Dalal	Gujarat University	Accommodative Responses under Monocular and Binocular Conditions in Symptomatic and Asymptomatic Subjects	E-poster
32	18OR165	Nida Khan	Lotus College of Optometry	Spectacle compliance and academic impact of refractive errors	E-poster

<b>S No</b>	<b>Abstract Number</b>	<b>Presenting Author</b>	<b>Institution</b>	<b>Title of the Study</b>	<b>Type</b>
33	18OR171	Varsha Venkatasrinivasan	Medical Research Foundation	Role of Anterior Segment Ocular Coherence Tomography for accurate decision making in eyes with Ahmed Glaucoma Valve implants	E-poster
34	18OR172	Shraddha Purohit	Lotus College of Optometry	Lid Wiper Epitheliopathy in Prosthetic Eye	E-poster
35	18OR173	Manju Varshini Bhuvaneshwaran	SRM Institute of Science and Technology	The Effect of Blur Adaptation on Visual Functions in Young Adults	E-poster
36	18OR175	Swetha Ravichandran	Elite School of Optometry	Utility of Anterior Segment Optical Coherence Tomography (AS-OCT) in corneal disorders, degenerations, dystrophies and surgeries	E-poster
37	18OR177	Saravanan Mudhaliar	Lotus college of Optometry	Intraocular pressure, blood pressure and ocular perfusion pressure pre and post cardio vascular and strength exercises.	E-poster
38	18OR182	Ashwin Badrinath P	Elite School of Optometry	Development and validation of a prototype to assess visuomotor reaction time among visually normal individuals & patients with traumatic brain injury	E-poster
39	18OR183	Omkar Dabholkar	Lotus College of Optometry	To measure accommodative stimulus response curve in emmetropes and myopes, before and after use of virtual reality	E-poster
40	18OR190	Siddharth K Karthikeyan	Netra Jyothi College	Design and development of Ocular Pressure Estimator	E-poster
41	18OR192	Akshara Vaithiswari Gopi Swaminathan	Elite School of Optometry	A detailed phenotypic study of cone dystrophy with supernormal Scotopic Response- A Case Series	E-poster
42	18OR193	Vishwa Sekar	Vasan Institute of Ophthalmology and Research	Visual & ocular status and accommodative functions, before and after using mobile phone	E-poster
43	18OR195	Kaniz Fatima Shaikh	Lotus College of Optometry	Causes of Ocular Morbidity in Auto-Rickshaw Drivers in Mumbai	E-poster



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44	18OR197	Blessy Mano Florida	SRM Institute of Science and Technology	Vision Related Causes of Falls in Elderly in Old Age Homes of Chennai	E-poster
45	18OR202	Akshaya C Balakrishnan	Elite School of Optometry	Role of mf erg in predicting the severity of diabetic retinopathy	E-poster
46	18OR203	Pooja Pandit	Lotus College of Optometry	Binocular Vision Skills, Eye-hand & Eye-foot Co-ordination in Cricketers	E-poster



## Clinician to Researcher: Paper Presentation

S No	Abstract Number	Presenting Author	Institution	Title of the Study	Type
1	18CR103	Unnati Vaish	Sitapur Eye Hospital, Sitapur	Important role of Low vision management in Oculocutaneous Albinism	Paper
2	18CR107	Maanasi Mahalingam	Elite School of Optometry	Multi-modality imaging of Stargardt's disease after the intake of Vitamin A	Paper
3	18CR109	Dhruval Parekh	Elite School of Optometry	Diagnostic Modality and Clinical outcome of Meibomian Gland Dysfunction in IFAP syndrome	Paper
4	18CR117	Nandini R	Elite School of Optometry	Retinal imaging and diagnostics suggestive of solar retinopathy in a case with non - contributory history of sun gazing	Paper
5	18CR119	Swetha R	Elite School of Optometry	Role of confocal microscopy in early diagnosis and treatment of acanthamoeba keratitis	Paper
6	18CR120	Akshara Vaithiswari Gopi Swaminathan	Elite School of Optometry	Role of Investigative Techniques in Differentiation of Portable E-posterior Scleritis	Paper
7	18CR122	Manaswini Sahoo	Elite School of Optometry	Role of different imaging techniques and phenotypic profiling of enhanced s cone syndrome – A case series	Paper
8	18CR123	Vidya N	Elite School of Optometry	Role of Oculus Corvis and Oculus Pentacam in imaging keratoconus	Paper
9	18CR126	Robin S	Elite School of Optometry	A perplex case of a patient with high myopia, shallow anterior chamber– Clinical features of microspherophakia	Paper
10	18CR128	Sandra Maria	Rayhan College of Optometry	Ease of imaging techniques in differentiating true and pseudo papilledema with optic nerve head drusen	Paper

## Clinician to Researcher: E-Poster Presentation

S No	Abstract Number	Presenting Author	Institution	Title of the Study	Type
1	18CR100	Fakhruddin Barodawala	SEGI University	Moulding the toric corneas by orthokeratology - A Case Study.	E-poster
2	18CR102	Harshad S	Elite School of Optometry	Role of modern corneal imaging techniques in laser assisted in-situ keratomileusis (LASIK) patients to prevent the risk of keratectasia	E-poster
3	18CR104	Varsa Harinya M	Elite School of Optometry	Low vision care in management of Choroidal Neovascularization	E-poster
4	18CR105	Amirthaa Murali	Elite School of Optometry	Role of b-scan in assessing the inflammatory reaction in patient with sympathetic ophthalmia analogous total cataract	E-poster
5	18CR106	Aparna Badrinarayanan	Sankara Nethralaya, Chennai	The journey of a patient with post-LASIK complication	E-poster
6	18CR108	Manideepak Januwada	Sankara Nethralaya, Chennai	Importance of structure and functional changes in early and moderate severities of glaucoma.	E-poster
7	18CR110	Priyadarsni M D Durai Pandian	Elite School of Optometry	Imaging Techniques to Be Done for Toxic Optic Neuropathy (TON)	E-poster
8	18CR111	Vishnupriya S	Elite School of Optometry	Role of optical coherence tomography in retinal dystrophy	E-poster
9	18CR112	Subalakshmi D	Elite School of Optometry	Describing characteristic features of retinitis pigmentosa and optic nerve head drusen using multimodal imaging	E-poster
10	18CR114	Dharani Boopalan	Elite School of Optometry	"Indocyanine Green Angiography"- An Efficient Technique in Diagnosis and Treatment of Idiopathic Polypoidal Choroidal Vasculopathy	E-poster

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11	18CR115	Deepika Sri J S	Elite School of Optometry	Role of Retinal Diagnostic Imaging in Retinal Choroidal Anastomosis (RCA)	E-poster
12	18CR116	Sangeetha N	Elite School of Optometry	Role of Ultrasound Biomicroscopy (UBM) In the Diagnosis and Management of Post Traumatic Cyclodialysis Cleft	E-poster
13	18CR118	Jannet Philip	Elite School of Optometry	Utility of Casia Swept Source Anterior Segment Optical Coherence Tomography in Boston Keratoprosthesis- A Case Series	E-poster
14	18CR121	Bhumini Parekh	Elite School of Optometry	Diagnosis and Management of Corneal Aberration and Corneal Neuralgia Post Smile Refractive Surgery Using Itrace And Confocal Microscopy- A Case Report	E-poster
15	18CR124	Balaje Vivek	Elite School of Optometry	Role of Imaging in Juxtapapillary Capillary Hemangioma Of Optic Nerve Head	E-poster
16	18CR125	Swathipriya MN	Sankara Nethralaya, Chennai	Role of Anterior Segment Optical Coherence Tomography in Secondary iris cyst - A case report	E-poster
17	18CR127	Gaurav Dalal J	Elite School of Optometry	The Electrophysiological Characteristic and Visual Function Test in Monitoring the Visual Prognosis After Cessation of Ethambutol Drug - A Case Report	E-poster

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