

4th World Congress of Paediatric Ophthalmology and Strabismus



Hyderabad, India

1 - 3 December 2017



YOGA WITH THE GURUS

For the first time ever, at WCPOS IV
come experience yoga for beginners with a yoga guru
and learn about paediatric ophthalmology with the experts



Saturday 2nd December
06.00 - 07.00

Infantile Esotropia - Nystagmus -
Optic Nerve Glioma

Sunday 3rd December
06.00 - 07.00

Cornea - Glaucoma - NLDO

*Room MR 1 - 4
(First floor)*

Booking Fee for SAARC countries: 1000 INR
Booking Fee for Rest of the World: €20



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MESSAGE FROM THE EXECUTIVE BUREAU

World Society of Paediatric
Ophthalmology & Strabismus
Temple House
Temple Road
Blackrock
Co. Dublin
Ireland

Dear Colleagues,

A very warm welcome to the 4th World Congress of Paediatric Ophthalmology and Strabismus here in Hyderabad, India. During the two years since the last Congress in Barcelona, we have been planning an ambitious and interesting programme for this Congress.

WSPOS is an international society with a focus on paediatric ophthalmology, strabismus and the interaction between adult and paediatric influences. The 4th WSPOS Congress features an exceptional scientific programme including scientific symposia, live surgery, free paper sessions, numerous workshops, great debates and a mock trial.

The three keynote lectures will be delivered by Richard Hertle, USA, Harminder Dua, UK, and Lea Hyvarinen, Finland. In addition, following on from the success of this session at the previous congress, WSPOS presents 'The Mock Trial' with Wagih Aclimandos, UK, Gil Binenbaum, USA, Subhadra Jalali, India, Alex Levin, USA, and Kimberley Tan, Australia.

We are delighted to announce that for the first time we will be hosting joint paediatric ophthalmology and yoga sessions on Saturday and Sunday morning, offering delegates the chance to unwind during our busy congress. Thus, this year offers an extremely exciting programme, including a host of sessions for all delegates from near and far.

Finally, we would like to thank all the organisers and speakers for their invaluable role in creating such a high calibre scientific programme for the 4th World Congress of Paediatric Ophthalmology and Strabismus.

This is your society and we welcome your ideas, input and participation. To this end we hope you enjoy the Congress app.

A huge thank you as always to our secretariat at Agenda Communications, our administrative assistant Akhila Acharya and our local host president, Ramesh Kekunnaya. We wish you a wonderful Congress and hope that you enjoy your stay here in Hyderabad.

The Executive Bureau

Executive Bureau

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David B. Granet [USA](#)
Richard Hertle [USA](#)
Ramesh Kekunnaya [INDIA](#)
Ken K. Nischal [USA/UK](#)

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MESSAGE FROM THE LOCAL HOST PRESIDENT

Dear Friends and Colleagues,

Namaste!

I would like to welcome all of you to the WCPOS IV at Hyderabad. I hope you will enjoy your stay in Hyderabad during the World Congress.

Hyderabad has a culture that is an amalgamation of its rich Nizami heritage and local, vibrant flavours of Telangana. We would like to invite you to explore traditional Nizami cuisine, be it the savoury Dum Ghosth Biryani or the sweet Kubaani ka meetha, in addition to trying the hot and spicy Mirchi Bajjis that are synonymous to Hyderabad.

Do take some time out of your busy schedule to visit our local sights; the Charminar, Chudi Bazaar, Salar Jung Museum, Golconda Fort and its light-sound show, the Chowmahalla and Falaknuma Palaces all come highly recommended.

A trip to either the Ramoji Film City or the Peace Truth Ahimsa-Mahatma Gandhi Digital Museum will be a memorable part of your Hyderabad visit. Your loved ones are bound to cherish the Hyderabad Pearls you take back home.

Should you choose to arrive prior to, or stay back after the WCPOS IV, we would recommend a trip to India's Golden Triangle (Jaipur, Agra and Delhi), Goa and the Backwaters of Kerala.

The Congress will be held at one of India's finest Convention Centers, the Hyderabad International Convention Center (HICC). The spacious halls conveniently located in the vicinity of one another, all in the same building, make it extremely easy to move between sessions.

The WSPOS Executive and Scientific Bureaus have put together a three day World Congress with close to 50 sessions comprising more than 400 talks, workshops, debates and panel discussions. With every Congress, we try to bring in new teaching and learning modules. The 4th WCPOS introduces our first ever Yoga-with-the-Gurus sessions in addition to a Live Surgery session and an Adult-Paediatric Interface Day. We also have ORBIS-WSPOS Breakfast Workshops and an award for the best video of the Congress.

I hope all of you have an extraordinary learning, teaching and sharing experience spiced up with our very own INDIAN FLAVOUR.

With very best wishes,

Ramesh Kekunnaya

Local Host President



Presented Posters Poster Village, 10.00–11.00 (p13), 11.30–12.30 (p15), 15.30–16.30 (p17)

Hall 1

Hall 2

Hall 3

Hall 4

Hall 5

08.00

Seminars in Strabismus
Part 1: Imaging Techniques
Part 2: Re-emergence of Older Techniques
M. Pihlblad USA, L. Kowal AUSTRALIA
F.G. Velez USA, J.M. Holmes USA

09.00

Navigating the Interface Between the Adult & Paediatric Worlds
A. Matafatsi GREECE
S. Haldirpurkar INDIA, N. Sharma INDIA
R. Trivedi USA, M. Morales SPAIN

10.00

Nystagmus Therapies
R. Herfle USA
L. Abel AUSTRALIA

11.00

Seminars in Paediatric Glaucoma
Part 1: Tubes or Trabs
Part 2: Special Cases – Cases & Pearls
V. Gupta INDIA, A. Serra SPAIN
A. Kumar Mandal INDIA, N. Freeman SOUTH AFRICA

Coffee Break

JAM Session: K. K. Nischal USA/UK

UP Session: R. Mohan INDIA

Keynote Kanski Medal Lecture
Harinder Dua UK

P30

P31

P31

13.00

Lunch

14.00

The Great Debate: Retinopathy of Prematurity
M. Dogra INDIA
J.B. Fortes Filho BRAZIL
H. Mintz-Hittner USA

15.00

Paediatric Cataract Case Discussion
J. Ram INDIA, P. Nucci ITALY
N. Tehrani CANADA
M. Tartarella BRAZIL

Optic Neuropathies Update: It's Way More Complicated
D. Milea SINGAPORE
J. Matalita INDIA

Paediatric Ocular Trauma
P. Vaddavalli INDIA
P. Garg INDIA

16.00

The Great Debate: Managing Accommodative Esotropia
C. Morgan USA
K. McMain CANADA

17.00

Essentials for Paediatric Ocular Surface Disease
V. Sangwan INDIA
V. Jhanji USA

Electrodiagnostics Case-Based Evaluation
A. Liasis UK/USA
M. Tekavac POMPE SLOVENIA

Free Papers Mixed Session 3
M. Forrest AUSTRALIA
S. Ko HONG KONG

18.00

The Great Debate: Managing Intermittent Exotropia
G. Gale AUSTRALIA
M. del Monte USA

18.30

Paediatric Cornea: Making it Crystal Clear
G. Zaidman USA
P. Vaddavalli INDIA

Paediatric Surgical Retina
CK. Patel UK
W.C. Lam HONG KONG

Thyroid Eye Disease & Myositis
D. Granet USA
S. Rath INDIA

Ocular Genetics: Future Planning
A.S. Karthikeyan INDIA

Yoga with the Gurus Room MR 1 – 4 (First floor), 06.00–07.00

Presented Posters Poster Village, 10.00–11.00 (p29), 14.00–15.00 (p34), 16.30–17.30 (p37)

Banquet Dinner 19.00 – 23.00
(Hall 6, Ground Level)

SATURDAY 2 DECEMBER

	Hall 1	Hall 2	Hall 3	Hall 4	Hall 5
08.00					
09.00	P41 The Mock Trial: Non-Accidental Injury S. Jafali INDIA, A. Levin USA G. Binenbaum USA K. Tan AUSTRALIA W. Aclimandos UK	P41 7 Systemic Diseases That We Should Know About E. Silva PORTUGAL Y. Ning Strube CANADA	P42 My Worst Complication D. Granet USA K.K. Nischal USA/UK	P42 Strabismus Syndromes: Pearls & Pitfalls D. Godts BELGIUM E. Cumhur Sener TURKEY	P43 Orthoptics Workshop 1 J. Rizwana Hussaindeen INDIA
10.00	P44 Strabismus Re-Op: Case Discussion Y. Morad ISRAEL M. Goldchmit BRAZIL	P45 CVI: Diagnosis, Strategies & Outcomes M. Rainey USA L. Lawrence USA	P45 Paediatric Uveitis S. Sharma UK S.L. Robbins USA	P46 Genetics for the Paediatric Ophthalmologist A.S. Karthikeyan INDIA	P46 Orthoptics Workshop 2 D. Godts BELGIUM S. Cotter USA L. Kowal AUSTRALIA
11.00			Coffee Break		
12.00	P47 JAM Session: D. Granet USA P47 UP Session: N. Rao INDIA P47 Keynote Strabismus Lecture Richard Hertle USA				
13.00	Lunch				
14.00	P48 Amblyopia A. Fernandez COLOMBIA S. Cotter USA	P48 Neuro-Ophthalmology: Case Discussion S. Pineles USA N. Freeman SOUTH AFRICA	P49 Videos: Signs & Surgical Techniques in Paediatric Ophthalmology M. Younis LEBANON Y. Fong Choong MALAYSIA	P49 Free Papers: Mixed Session 4 S. Wei Leo SINGAPORE C. Ortube USA	P50 Paediatricians' and Ophthalmologists' Perspective L. Lingappa INDIA A. Hedua INDIA
15.00	P51 Key Free Papers: Amblyopia J. Holmes USA, J. Jethani INDIA	P52 Key Free Papers: Anterior Segment E. Stahl USA, M. Ramappa INDIA	P52 Key Free Papers: Neuro Ophthalmology M. Swaminatahn INDIA R. Bangsgaard DENMARK	P53 Key Free Papers: Oculoplastics S. Kaliki INDIA, B. Mukherjee INDIA	
16.00					
16.30	P53 WSPOS Video Awards / Announcement WCPOS V Location K.K. Nischal USA/UK, D. Granet USA				

Yoga with the Gurus Room MR 1 – 4 (First floor), 06.00–07.00

Presented Posters Poster Village, 09.30–10.30 (p43), 14.00–15.00 (p50)

FRIDAY 1 DECEMBER

Hall 1

14.30 – 15.10

Keynote Non-Strabismus Lecture



Lea Hyvarinen *FINLAND*

The Important First Year

SATURDAY 2 DECEMBER

Hall 1

11.50 – 12.25

Keynote Kanski Medal Lecture



Harminder Dua *UK*

Posterior Corneal Anatomy:
Context, Controversy, Corroboration and Clinical Considerations

SUNDAY 3 DECEMBER

Hall 1

11.50 – 12.25

Keynote Strabismus Lecture



Richard Hertle *USA*

How and What We Learned From Studying Nystagmus in Infancy and Childhood

WSPOS

BANQUET DINNER

Saturday 2 December

19.00 – 23.00

Hall 6 (*Ground Level*)

All Delegates Welcome

Sponsored by



WSPOS



Hall 1

08.00 – 11.00

Symposium

Paediatric Ophthalmology & Strabismus: An Indian Perspective

Chairpersons: **V. Rao Bhoomapally** INDIA
J. Sukhija INDIA
Y. Shukla INDIA
S. Ganesh INDIA

Session 1

08.00 – 09.30

Chairpersons: **V. Rao Bhoomapally** INDIA
J. Sukhija INDIA

- 08.00 **S. Ganesh** INDIA
Outcome of delayed cataract surgery in children
- 08.10 **J. Sukhija** INDIA
Indian scenario of outcome of infantile cataract surgery
- 08.20 **J. Jethani** INDIA
Atropine to prevent myopia: is it effective?
- 08.30 **Y. Shukla** INDIA
Infantile esotropia; Indian scenario
- 08.40 **S. Agarkar** INDIA
Overview of endophthalmitis in children
- 08.50 **S. Pandey** INDIA
Challenges in amblyopia management in India
- 09.00 **V. Rao Bhoomapally** INDIA
Management of traumatically damaged EOMs
- 09.10 **P. Vijayalakshmi** INDIA
How to raise interest in paediatric ophthalmology and strabismus specialty among residents?
- 09.20 Discussion

Session 2

09.30 – 11.00

Chairpersons: **Y. Shukla** INDIA
S. Ganesh INDIA

- 09.30 Paediatric ophthalmology and strabismus as a private practice: is it viable?
Yes: **S. Kesarwani** INDIA
No: **A. Sinha** INDIA
- 09.40 **M.K. Aasuri** INDIA
Paediatric cataract surgery: can we improve on what we have achieved?
- 09.50 **L. Kochgaway** INDIA
Management of traumatic injury to anterior segment in children
- 10.00 **S. Bhawe** INDIA
Pattern of hyperopia reduction in children with and without strabismus
- 10.10 **V. Sachdeva** INDIA
Paediatric optic neuritis in India: current perspective
- 10.20 **V. Singh** INDIA
Microtropia: is it clinically relevant
- 10.30 **T. Dave** INDIA
The child's orbit and paediatric ophthalmologist
- 10.40 **S. Kaur** INDIA
UBM in strabismus surgery
- 10.50 Discussion
- 11.00 End of session

FRIDAY 1 DECEMBER

Hall 2

08.00 – 12.45

Oculoplastics to Die For Workshops

Chairperson: M. Parulekar *UK*

08.00 – 09.30

Workshop 1 – Lid Disorders

Instructors: D. Weaver *USA*
M. Naik *INDIA*
S. Desai *INDIA*
S. Moreker *INDIA*

This workshop will focus on eyelid disorders in children.

Topics covered - management options for congenital ptosis and facial palsy.

Surgical techniques - brow suspension using silicone, sutures, PTFE, fascia lata, management of facial palsy in children using gold/platinum weights.

There will be opportunities for delegates to try the techniques on life-like "tissues".

09.30 – 11.00

Workshop 2 – Lacrimal Surgery

Instructors: W. Katowitz *USA*
J. Prat Bartomeu *SPAIN*
D. Bremond-Gignac *FRANCE*
S. Sandramouli *UK*

This workshop will discuss the management of lacrimal disorders.

Topics covered - pitfalls in lacrimal probing, surgical strategies for failed probing, including lacrimal intubation.

Surgical techniques - use of new lacrimal probing equipment, several types of mono and bicanalicular intubation, dacryoscopes.

There will be opportunities for delegates to use the intubation sets on models.

11.15 – 12.45

Workshop 3 – Orbital Disorders

Instructors: K. Tambe *UK*
Y. Santiago *PHILIPPINES*
S. Honavar *INDIA*
J. Yu *USA*

This workshop will focus on orbital and socket disorders.

Topics covered - management of the anophthalmic and microphthalmic socket, post enucleation sockets, phthisical eyes, other congenital malformations such as colobomas, orbital biopsy.

Surgical techniques - socket expansion using hydrophilic socket expanders, various solid expanders, artificial eyes, surgical approaches for orbital biopsy.

Hall 3

08.00 – 12.45

Practical Strabismus Pearls Workshops

Chairpersons: J. Ferris *UK*
D. Granet *USA*

08.00 – 09.30

Workshop 101

Instructors: J. Matalia *INDIA*
H. Atilla *TURKEY*
S. Agarkar *INDIA*
R. Kekunnaya *INDIA*
M. del Monte *USA*
R. Hertle *USA*
S. Shetty *INDIA*
L. Dagi *USA*

09.30 – 11.00

Workshop 102

Instructors: C. Morgan *USA*
J. Pieter Saunte *DENMARK*
L. Kowal *USA*
F. Prieto-Diaz *ARGENTINA*
M. Swaminathan *INDIA*
J. Holmes *USA*
Y. Morad *ISRAEL*
V. Sachdeva *INDIA*

11.15 – 12.45

Workshop 103

Instructors: R. Saxena *INDIA*
J. Li *CHINA*
B. Mohny *USA*
S.L. Robbins *USA*
P. Patil-Chhablani *INDIA*
M. Goldchmit *BRAZIL*
S. Wei Leo *SINGAPORE*
V. Warkad *INDIA*

Hall 4

08.00 – 09.25

Symposium

Retinoblastoma: Classifications and Staging

Chairperson: **A. Singh** [USA](#)

- 08.00 **L. Gopal** [INDIA](#)
Leukocoria – diagnostic approach
- 08.12 **A. Singh** [USA](#)
Clinical genetics
- 08.24 **A. Singh** [USA](#)
International classification – grouping
- 08.36 **U. Singh** [INDIA](#)
International classification – staging
- 08.48 **B. Chawla** [INDIA](#)
Retinoblastoma – imaging
- 09.00 **S. Kaliki** [INDIA](#)
Histopathologic risk factors
- 09.12 Discussion
- 09.25 End of session

Hall 5

08.00 – 09.00

Symposium

Collagen Cross-Linking in Children & Differently Enabled Patients

Chairpersons: **V. Jhanji** [USA](#)
K.K. Nischal [USA/UK](#)

- 08.00 **V. Jhanji** [USA](#)
Collagen cross-linking for progressive keratoconus: lessons learned from adults
- 08.10 **T. Agarwal** [INDIA](#)
Collagen cross-linking in children, what is different?
- 08.20 **G. Prakash** [UAE](#)
Cross-linking in patients with Trisomy 21
- 08.30 **N. Sharma** [INDIA](#)
Collagen cross-linking in keratoconus with vernal keratoconjunctivitis
- 08.40 Discussion
- 09.00 End of session

FRIDAY 1 DECEMBER

Hall 5

09.15 – 10.45

Symposium

Congenital Corneal Opacity Nomenclature

Chairperson: K.K. Nischal [USA/UK](#)

Delegates are invited to take part and aid the panel to come to some consensus on the nomenclature of congenital corneal opacities.

Hall 4

09.30 – 11.00

Symposium

Retinoblastoma: Treatments

Chairperson: A. Singh [USA](#)

- 09.30 **A. Singh** [USA](#)
Treatment options – focal
- 09.45 **V. Khetan** [INDIA](#)
Chemotherapy - Intravenous
- 10.00 **A. Singh** [USA](#)
Chemotherapy – Intraarterial
- 10.15 **P. Rishi** [INDIA](#)
Chemotherapy – Intravitreal
- 10.30 **H. Kiratli** [TURKEY](#)
Extraocular retinoblastoma
- 10.45 **C. Zhang** [CHINA](#)
Delivering RB care in China
- 11.00 End of session

Poster Village

10.00 – 11.00

Presented Poster Session 1

Surgical Outcomes

Moderators: **Y. Ling** SINGAPORE
E. Dosunmu USA

- | | |
|---|---|
| <p>10.00 S. Abbagani <small>INDIA</small>
Refractive outcome of intraocular lens implantation in children with cataract below five years of age</p> <p>10.02 D.J. Salchow <small>GERMANY</small>
Molecular characteristics of primary paediatric lens epithelial cells</p> <p>10.04 S. Aulakh <small>INDIA</small>
A study of postoperative outcome in paediatric cataract surgery in a tertiary care hospital</p> <p>10.06 A. Khadia <small>INDIA</small>
Post-operative outcome of secondary IOL implantation with posterior optic capture in posterior capsulorhexis, in paediatric age group</p> <p>10.08 P. Chaugule <small>INDIA</small>
Follow-up patterns and associated factors after paediatric cataract surgery in the visually developing age group over 5 years</p> <p>10.10 D. Joshi <small>INDIA</small>
Prognostic factors in children with congenital cataract associated with congenital rubella syndrome</p> <p>10.12 S. Sharma <small>INDIA</small>
Impact of congenital cataract on caregiver's quality of life</p> <p>10.14 A. Badakere <small>INDIA</small>
Quality of paediatric cataract surgery: A comparison of surgical techniques between paediatric ophthalmology consultants and paediatric ophthalmology fellows in training: a video-based analysis</p> <p>10.16 M. Negalur <small>INDIA</small>
Refractive and visual status of the good eye in children with unilateral cataract</p> <p>10.18 W. Moore <small>UK</small>
Infantile cataract surgery performed in a tertiary setting: visual and refractive outcomes</p> <p>10.20 C.L. Demasi <small>ITALY</small>
Strabismus and visual outcome in infant following bilateral congenital cataract surgery</p> <p>10.22 N. Shah <small>INDIA</small>
Is there any role for endoilluminator in paediatric cataract surgery?
Beginner's perspective</p> | <p>10.24 V. Gokhale <small>INDIA</small>
Accuracy of IOL power undercorrection in children undergoing primary IOL implantation using manual undercorrection vs automated biometry</p> <p>10.26 S. Yangzes <small>INDIA</small>
Outcome of unilateral congenital/developmental cataract surgery with intraocular lens implantation in the first four years of life</p> <p>10.28 A. Chandna <small>USA</small>
Axial Length Growth (ALG) in normal infant eyes in contrast to ALG in children with unilateral and bilateral cataracts</p> <p>10.30 V. Dave <small>INDIA</small>
Surgical and refractive outcomes of sutured scleral-fixated intraocular lens in paediatric patients at a tertiary eye care centre</p> <p>10.32 V. Vasavada <small>INDIA</small>
Long-term post-operative outcomes of IOL implantation in-the-bag vs optic capture in children up to 4 years of age: randomised, clinical trial</p> <p>10.34 V. Vasavada <small>INDIA</small>
Long-term outcomes following secondary intraocular lens implantation in eyes with primary aphakia</p> <p>10.36 M. Guerreiro <small>GERMANY</small>
Structural brain changes in cataract-reversal individuals</p> <p>10.38 S. Sourav <small>GERMANY</small>
Evidence for preserved retinotopic organisation of early visual cortex but impaired extrastriate processing in sight recovery individuals</p> <p>10.40 M. Negalur <small>INDIA</small>
Refractive and visual status of the good eye in children with unilateral cataract</p> <p>10.42 Discussion</p> <p>11.00 End of session</p> |
|---|---|

FRIDAY 1 DECEMBER

Hall 1

11.00 – 13.30

Live Surgery

Chairpersons: **S. Gopal** INDIA
M. Killedar INDIA

Panel: **N. Pehere** INDIA
P. Sharma INDIA

(Subject to change)

Live Surgeons

- 11.00 **M.J. Tassignon** BELGIUM
In-the-bag lens
- 11.25 **D. Mojon** SWITZERLAND
Minimally invasive strabismus surgery (MISS) technique
- 11.50 **R. Kekunnaya** INDIA
ZEPTO assisted paediatric cataract surgery
- 12.15 **A. Mandal** INDIA
Trabeculotomy and trabeculectomy
- 12.40 **S. Khokar** INDIA
Paediatric cataract surgery
- 13.05 **M. Naik** INDIA
Tarso-frontal sling
- 13.30 End of session

Hall 4

11.15 – 12.45

Symposium

Essentials of Lids & Orbits: Tumours & Deformities

Chairpersons: **R. Murthy** INDIA
W.R. Katowitz USA

- 11.15 **M. Parulekar** UK
Management options for infantile haemangiomas
- 11.25 **K. Tambe** UK
Paediatric orbital cellulitis: the great masquerader
- 11.35 **M. Naik** INDIA
Interactive navigation-guided ophthalmic plastic surgery
- 11.45 **F. Kherani** CANADA
Congenital and acquired eyelid deformities
- 11.55 **W.R. Katowitz** USA
The treatment of paediatric dacryocystoceles and dacryocystitis
- 12.05 **R. Murthy** INDIA
Managing cryptophthalmos
- 12.15 **D. Shome** INDIA
How important is creation of the eyelid crease in determining cosmesis, post-frontalis suspension surgery, performed for congenital ptosis *(Free Paper)*
- 12.21 Discussion
- 12.45 End of session

Hall 5

11.15 – 12.15

Pediatric Dry Eye Workshop (PeDEWS)

Sponsored by Quidel

Chairpersons: **K.K. Nischal** USA/UK
D. Granet USA

- 11.15 **D. Granet** USA
Etiology of dry eye in children
- 11.23 **D. Bremond-Gignac** FRANCE
Inflammatory markers in dry eye – correlation in paediatric cases
- 11.31 **K.K. Nischal** USA/UK
Tear break up time in children
- 11.39 **V. Jhanji** USA
Diagnosis strategies including role of MMP's
- 11.47 **Y. Morad** ISRAEL
Strategies for treating paediatric dry eye
- 11.55 Discussion
- 12.15 End of session

Poster Village

11.30 – 12.30

Presented Poster Session 2

Surgical Techniques

Moderators: **A. Vivian** UK
O. Nyong'o USA

- 11.00 **S. Sheth** INDIA
Comparative study of bilateral rectus recession (BLRc) versus unilateral recess-resect (RR) procedures for small to moderate angle exotropia of up to 35 prism dioptres (PD)
- 11.02 **B. Gokyigit** TURKEY
'Sliding shape' extraocular muscle plication: novel technique
- 11.04 **S. Rath** INDIA
Clinical features and surgical outcomes of myopic strabismus fixus in children
- 11.06 **L. Martinovskaya** UKRAINE
Our results of surgical treatment of congenital rotary nystagmus with deviations
- 11.08 **S. Shirke** INDIA
Effectiveness of inferior oblique myectomy: one size fits all?
- 11.10 **M. Nur Rahmah** INDONESIA
Full tendon vertical rectus transposition combined with botulinum toxin injection for complete chronic sixth nerve palsy
- 11.12 **S. Agarwal** INDIA
Plicating the yokoyama for large heavy eye syndrome
- 11.14 **S. Mohd Khialdin** MALAYSIA
Surgical treatment of myopic strabismus fixus in a post scleral buckle patient
- 11.16 **M. Sharma** USA
Full tendon medial transposition of lateral rectus with augmentation sutures in cases of third nerve palsy
- 11.18 **S. Gupta** INDIA
Efficacy of botulinum toxin in treatment of convergence spasm
- 11.20 **S.R.** INDIA
Modified Nishida's procedure for monocular elevation deficiency
- 11.22 **P. Agashe** INDIA
Simultaneous surgical management of a pattern exotropia with superior oblique overaction with dissociated vertical deviation (DVD) using a 'four oblique' procedure

- 11.24 **R. Agarwal** [INDIA](#)
Surgical outcome of superior rectus transposition in Duane syndrome and sixth nerve palsy
- 11.26 **S. Ganesh** [INDIA](#)
Bilateral comitant dissociated vertical deviation: results of symmetric and asymmetric bilateral superior rectus recession
- 11.28 **E.C. Sener** [TURKEY](#)
Inferior or superior rectus transposition in esotropic Duane syndrome
- 11.30 **E.C. Sener** [TURKEY](#)
Botulinum toxin injection as the primary treatment in patients with esotropic Duane syndrome under 2 years of age: is this a prerequisite before a surgery?
- 11.32 **J. Breda** [PORTUGAL](#)
Myopexy on the superior rectus: the need for a different technical approach
- 11.34 **P. Topcu Yilmaz** [TURKEY](#)
Three horizontal rectus muscle surgery in large-angle infantile esotropia: long-term outcome
- 11.36 **M. Sharma** [USA](#)
Incidence of superior oblique paresis after spacer surgery for treatment of Brown's syndrome: an honest look at superior oblique underaction and diplopia in reading position
- 11.38 **P. Chaugule** [INDIA](#)
Correlation between pre-operative and intra-operative factors with the outcomes of superior oblique muscle surgery in Brown's syndrome
- 11.40 **A. Chawhan** [INDIA](#)
To study the medium-term outcomes of 2 muscle surgery for large angle strabismus
- 11.42 Discussion
- 12.30 End of session

Hall 1

14.00 – 14.15

JAM Session

Our World, Our Way

Chairperson: **R. Kekunnaya** [INDIA](#)

- 14.00 Introduction
- 14.03 **G. Chandrasekhar** [INDIA](#)
Medical mindfulness
- 14.07 **B. Yajnik** [INDIA](#)
Seeing the invisible
- 14.11 **K. Shravya** [INDIA](#)
Perspective from a blind child
- 14.15 End of session

Hall 1

14.15 – 14.30

Unique Perspectives, Bold Beginnings – WSPOS

D. Bremond-Gignac FRANCE
D. Granet USA
R. Hertle USA
R. Kekunnaya INDIA
K.K. Nischal USA/UK

Hall 1

14.30 – 15.10

Keynote Non Strabismus Lecture

14.30 **R. Kekunnaya** INDIA
 Introduction
 14.32 **Lea Hyvarinen** FINLAND
 The Important First Year



15.10 End of session

Poster Village

15.30 – 16.30

Presented Poster Session 3

Amblyopia

Moderators: **M. Pihlblad** USA
V. Sachdeva INDIA

- 15.30 **V. Warkad** INDIA
 Macular and RNFL thickness in patients with unilateral anisometropic, strabismic and stimulus deprivation amblyopia compared to the fellow eye in tertiary eye care centre: a pilot study
- 15.32 **S. Nishanth** INDIA
 Detection of amblyopia risk factors using SPOT photo-screener in community-based vision screening programme
- 15.34 **R. Khurana** INDIA
 Accuracy of refraction performed at school screening camps for children aged 6-16 years of age
- 15.36 **N.R.** INDIA
 Spectral domain optical coherence tomography (SDOCT) findings in unilateral amblyopia
- 15.38 **M. Ravindran** INDIA
 Identifying barriers to follow-up under 0-5 years age group: Preschool visual screening in Southern India
- 15.40 **F. Moutapa** INDIA
 Effectiveness of portable vision screener in detecting visual impairment in special children
- 15.42 **A. Sainani** INDIA
 Comparison of effective time taken for cycloplegia with and without premedication by topical proparacaine hydrochloride for the cyclopentolate 1%-tropicamide 0.8% + phenylephrine 5%-cyclopentolate 1% (CTC) protocol in Indian children with dark irides
- 15.44 **M. Samant** INDIA
 A novel approach to school screening: a report from Western India
- 15.46 **S. Madaan** INDIA
 Evaluation of macular thickness in strabismic and anisometropic amblyopia
- 15.48 **S. Shah** INDIA
 Comparing macular thickness in amblyopic subjects vs non-amblyopic
- 15.50 **P. Agashe** INDIA
 A comparison of refraction on Plusoptix A-09 with cycloplegic retinoscopy and dilated autorefraction

- 15.52 **K. Veena** [INDIA](#)
Mission Impossible made possible by a portable vision screener
- 15.54 **S. Sanjeev** [INDIA](#)
Does India need a pre-school eye screening programme?
- 15.56 **J. Thomas** [INDIA](#)
Sensitivity and specificity of various visual acuity and stereo acuity charts for screening amblyopia in children aged 3-6 years
- 15.58 **S. Nishanth** [INDIA](#)
Comparison of spot photoscreener and automated refractometer in differently abled children
- 16.00 **M. Kothari** [INDIA](#)
Outcome of new computer-based binocular vision therapy in residual amblyopia
- 16.02 **H. Atilla** [TURKEY](#)
Comparison of hand-held autorefractometer and table-top autorefractometer with retinoscopy in paediatric population
- 16.04 **G. Srinivasan** [INDIA](#)
Normative data of choroidal retinal nerve fibre and macular thickness in paediatric eyes
- 16.06 **N. Pawar** [INDIA](#)
Retinal nerve fibre layer thickness and interocular symmetry in normal paediatric population measured with Cirrus HD optical coherence tomography
- 16.08 **B. Dey** [INDIA](#)
"Children Eye Club"(CEC): a new armour in school eye health programme
- 16.10 Discussion
- 16.30 End of session

Hall 1

15.30 – 17.00

Symposium

Early Intervention & Low Vision Paradigm Shifters

Chairpersons: **A.O. Adio** [NIGERIA](#)
P. Vijayalakshmi [INDIA](#)

- 15.30 **A.O. Adio** [NIGERIA](#)
The importance of detecting delays in visual function in the first year of life
- 15.42 **P. Vijayalakshmi** [INDIA](#)
Overview of cortical visual impairment: impact on low vision
- 15.54 **V.K. Gothwal** [INDIA](#)
Paediatric low vision: evaluating and managing kids with bad eyes
- 16.06 **C. Yahalom** [ISRAEL](#)
The importance of multi-disciplinary team when dealing with low vision
- 16.18 **N. Jacob** [INDIA](#)
When low vision therapy fails: what next?
- 16.30 Discussion
- 17.00 End of session

Hall 2

15.30 – 17.00

Symposium

Did You See That? Innovation and Essentials in Paediatric Ophthalmology

Chairpersons: **D.J. Salchow** GERMANY
R. Bhola USA

- 15.30 **B. Lorenz** GERMANY
Paradigm shift in treatment of retinopathy of prematurity
- 15.38 **P. Sharma** INDIA
Correcting the aberrant innervations in strabismus
- 15.46 **S. Jain** UK
Chemodenervation for infantile esotropia
- 15.54 **R. Bhola** USA
Illuminated microcatheter facilitated trabeculotomy and trabeculectomy for childhood glaucoma
- 16.02 **M. Schittkowski** GERMANY
Tissue surrogates in strabismus surgery: how bovine pericardium and amniotic membrane can get it straight
- 16.10 **D.J. Salchow** GERMANY
Surgical treatment of vertical strabismus by transposing horizontal eye muscles
- 16.18 **F.G. Velez** USA
OCT angiography in paediatric ophthalmology and strabismus
- 16.26 **D. Mojon** SWITZERLAND
Getting the eyes straight with minimally invasive strabismus surgery (MISS)
- 16.34 Discussion
- 17.00 End of session

Hall 3

15.30 – 17.00

The Great Debate: Optic Pathways, Gliomas & CNS Tumors – Why? When? Whom?

Chairpersons: **L. Dagi** USA
N. Goldenberg-Cohen ISRAEL

- 15.30 **L. Dagi** USA
Introduction
- 15.32 **N. Goldenberg-Cohen** ISRAEL
Molecular mechanism underlying glioma initiation and growth
- 15.40 **D. Milea** SINGAPORE
Neuro-imaging in optic pathway gliomas
- 15.48 **I. Simmons** UK
Screening strategies for children with NF1
- 15.56 **C. Parsa** FRANCE
Pitfalls of monitoring OPG with OCT/ electrophysiology and visual field testing
- 16.04 **I. Simmons** UK
Indications for treatment and outcomes following chemotherapy
- 16.12 **C. Parsa** FRANCE
Why optic gliomas should not be given anti-mitotic therapy
- 16.20 **T. Dagi** USA
Neurosurgical indications and approach to managing OPG and CNS tumours
- 16.28 **L. Dagi** USA
Long-term visual outcomes of NF-related OPG
- 16.36 Discussion
- 17.00 End of session

FRIDAY 1 DECEMBER

Hall 4

15.30 – 17.00

Symposium

Improving Diagnostic Acumen in Nystagmus & Eye Movements: What You Need to Know

Chairpersons: **R. Kekunnaya** INDIA
S. Shetty INDIA

- 15.30 **S. Shetty** INDIA
Basic evaluation of nystagmus
- 15.40 **R. Kekunnaya** INDIA
Special forms/acquired nystagmus
- 15.50 **A. Levin** USA
Could this be more than isolated nystagmus?
- 16.00 **R. Hertle** USA
Interpretation of waveforms with VNG and
the use of NAFX and NOFF in developing
management algorithms for nystagmus
- 16.15 **S. Bharadwaj** INDIA
Calibration of gaze position in 1st Purkinje-
image eye trackers: which technique does
one employ? (*Free Paper*)
- 16.21 Discussion
- 17.00 End of session

Hall 1

17.00 – 17.30

Key Free Papers: Genetics

Chairpersons: **Z. Chaudhuri** INDIA
A. Khan UAE

- 17.00 **B. Chauhan** USA
Using transcriptomics to make a
clinical diagnosis
- 17.06 **V. Rajput** INDIA
Paediatric cataract: is there any role
of studying the gene expression?
- 17.12 **B. Harikrishna** OMAN
Clinical and genetic characteristics
of Bardet-Biedl syndrome (BBS) in the
Omani population
- 17.18 Discussion
- 17.30 End of session

Hall 2

17.00 – 17.30

Key Free Papers: Cataract

Chairpersons: **W. Moore** UK
S. El-Mulki JORDAN

- 17.00 **A. Vydrina** RUSSIA
Femtosecond laser-assisted surgery of paediatric cataract
- 17.06 **S. Rath** INDIA
Estimation of intraocular lens power without keratometry in children under 4 years of age
- 17.12 **M. Mameesh** OMAN
Effect of the optic haptic junction design of acrylic hydrophobic intraocular lenses on the development of post cataract opacification in paediatric age group
- 17.18 Discussion
- 17.30 End of session

Hall 3

17.00 – 17.30

Symposium

Intraocular Tumours

Chairperson: **A. Singh** USA

- 17.00 **S. Desai** INDIA
Retinal vascular tumours
- 17.05 **R. Rao** INDIA
Choroidal vascular tumours
- 17.10 **U. Sen** BANGLADESH
Presentation of retinoblastoma at a paediatric eye clinic of a tertiary public hospital in Bangladesh (*Free Paper*)
- 17.15 **S. Taneja** INDIA
Inadvertent intraocular surgery in patients with unsuspected retinoblastoma: a study of 10 cases (*Free Paper*)
- 17.20 **M. Kuntorini** INDONESIA
Clinical presentation and treatment outcome of retinoblastoma children in national eye centre Cicendo Eye Hospital, Indonesia 2012-2016 (*Free Paper*)
- 17.25 Discussion
- 17.30 End of session

FRIDAY 1 DECEMBER

Hall 4

17.00 – 17.30

Key Free Papers: Eye Movement & Strabismus

Chairpersons: **L.A. Lope** USA
M. Kothari INDIA

- 17.00 **N. Antsiferova** RUSSIA
Induced hypertrophy of extraocular muscles after the administration of synthetic peptides into them
- 17.06 **A. Kumar** INDIA
Comparative evaluation of effect of postoperative patching vs no patching after strabismus surgery
- 17.12 **F. Allapitchai** INDIA
Prospective study of clinical characteristics and outcomes of surgical and conservative management of intermittent exotropia in paediatric and adult age group
- 17.18 **K. Tyagi** INDIA
Improvement in clinical signs and symptoms of convergence insufficiency (CI) with VTS 4 (Vision Therapy System-4)
- 17.24 Discussion
- 17.30 End of session

Hall 5

17.30 – 19.30

Ocular Brachytherapy Workshop

Chairperson: **A. Singh** USA

Panel: **H. Kiratli** TURKEY
V. Khetan INDIA
P. Rishi INDIA
B. Chawla INDIA
U. Singh INDIA

17.30 – 18.30

- Introduction
- History
- Indications
- Planning
- Surgical Technique
- Outcomes

18.30 – 19.30

- Panel Discussion

Hall 1

08.00 – 08.40

Seminars in Strabismus Part 1: Imaging Techniques

Chairpersons: **M. Pihlblad** [USA](#)
L. Kowal [AUSTRALIA](#)

- 08.00 **M. Pihlblad** [USA](#)
Anterior segment optical coherence tomography of the extraocular muscles: is one machine better than the others?
- 08.08 **L. Kowal** [AUSTRALIA](#)
Imaging in high myopia
- 08.16 **C. Cleves-Bayon** [USA](#)
Neuroimaging in IIH
- 08.24 **S. Kaur** [INDIA](#)
Ultrasound biomicroscopy for comparing plication vs resection in exotropia ([Free Paper](#))
- 08.30 Discussion
- 08.40 End of session

Hall 1

08.45 – 09.25

Seminars in Strabismus Part 2: Re-Emergence of Older Techniques

Chairpersons: **J. Holmes** [USA](#)
F.G. Velez [USA](#)

- 08.45 **A. Armesto** [ARGENTINA](#)
Posterior myoscleroplexia: Faden operation
- 08.53 **D. Mojon** [SWITZERLAND](#)
Surgical technique
- 09.01 **F.G. Velez** [USA](#)
Transposition procedures
- 09.09 **J. Holmes** [USA](#)
Superior oblique strengthening procedures
- 09.17 Discussion
- 09.25 End of session

SATURDAY 2 DECEMBER

Hall 2

08.00 – 09.25

Symposium

Navigating the Interface Between the Adult and Paediatric Worlds

Chairpersons: **A. Mataftsi** GREECE
S. Haldipurkar INDIA
N. Sharma INDIA
M. Morales Ballus SPAIN
R. Trivedi USA

Debate

Primary posterior capsulorhexis in children

- 08.00 **M. Morales Ballus** SPAIN
Pars plicata approach
- 08.10 **K.K. Nischal** USA/UK
Limbal approach

Debate

Multifocal IOL in children

- 08.20 **C. Mehta** INDIA
Yes
- 08.30 **A. Mataftsi** GREECE
No
- 08.40 **R. Trivedi** USA
Selecting IOL power for children: difference and similarities with selecting IOL power for adults
- 08.50 **S. Haldipurkar** INDIA
Are adult cataract techniques applicable to paediatric cataract surgery?
- 09.00 **N. Sharma** INDIA
Paediatric grafts in children: lamellar or penetrating
- 09.10 Discussion
- 09.25 End of session

Hall 3

08.00 – 09.25

Free Papers: Mixed Session 1

Chairpersons: **B. Manoj** UK
J. Yam HONG KONG

- 08.00 **S. Patel** INDIA
One year long cross-sectional study on ocular side effects of deflazacort in children with Duchenne muscular dystrophy
- 08.06 **A. Botling Taube** SWEDEN
Congenital megalocornea and spherophakia: a distinct syndrome
- 08.12 **B. Roeder** GERMANY
Neural mechanisms of visual recovery and crossmodal compensation after removing congenital total cataracts
- 08.18 **P. Joshi** NEPAL
Profile and outcome of primary IOL implantation in less than two years of age
- 08.24 **S. Gollakota** INDIA
Outcomes of the new low cost indigenous non-valved glaucoma drainage device vs Ahmed glaucoma valve (AGV) in refractory paediatric glaucoma
- 08.30 **V. Gothwal** INDIA
Quality of life in children with congenital glaucoma: findings of the LVPEI congenital glaucoma registry
- 08.36 **V. Une** INDIA
Occurrence of vernal keratoconjunctivitis in seropositive (HIV) children
- 08.42 **R. Tewari** INDIA
Clinical features and management of glaucoma following surgery for stage 4 ROP
- 08.48 **K. Nikunj** INDIA
Nanophthalmos in children: morphometric and clinical characterization
- 08.54 **R. Al Nuami** UAE
A 6 year review on preseptal and orbital cellulitis and the use of steroids in its management within our tertiary center in Abu Dhabi in under 18 years old
- 09.00 **L.R. Thorisdottir** SWEDEN
Clinical evidences supporting the use of donor sclera for strabismus surgery: retrospective evaluation of the surgical results in patients who had childhood strabismus
- 09.06 **A. Pang** UK
Consensus generation of a minimum set of outcome measures for auditing strabismus treatments and real life assessment of the practicality of collecting the dataset
- 09.12 Discussion
- 09.25 End of session

Hall 4

08.00 – 09.25

Symposium

Essential or Pathognomonic Signs in Medical Retina

Chairpersons: **B. Lorenz** GERMANY
K. 'Skip' Olsen USA

- 08.00 **B. Lorenz** GERMANY
Fundus autofluorescence in hereditary retinal and macular dystrophies
- 08.08 **K. 'Skip' Olsen** USA
Neovascularisation in paediatric retinal diseases
- 08.16 **A. Khan** UAE
Knobloch syndrome
- 08.24 **E. Silva** PORTUGAL
Inflammatory diseases
- 08.32 **L. Gopal** INDIA
Optic disc and retinochoroidal coloboma
- 08.40 **E. Gajdosova** UK
Patterns of CMV retinitis in children
- 08.48 **A. Levin** USA
Cystoid spaces in paediatric retinal dystrophies
- 08.56 **J. Huey** USA
NMNAT1 retinal dystrophy: a sign not to forget
- 09.04 Discussion
- 09.25 End of session

Hall 4

09.30 – 10.00

Key Free Papers: Retina

Chairpersons: **R. Henderson** UK
T. Padhi INDIA

- 09.30 **S. Kulkarni** INDIA
Blinding retinopathy of prematurity in western India: characteristics of children and reasons for late presentation
- 09.36 **A. Du Bruyn** SOUTH AFRICA
Eight years of treatable retinopathy of prematurity in KwaZulu-Natal, South Africa: are we winning the battle?
- 09.42 **A. Al Ali** UAE
Early recurrence of retinopathy of prematurity after initial intravitreal Ranibizumab therapy: experience from a tertiary referral center in Abu Dhabi, UAE
- 09.48 **L. Gonzalez** USA
Novel presentation of CRX rod-cone dystrophy
- 09.54 Discussion
- 10.00 End of session

SATURDAY 2 DECEMBER

Hall 2

09.30 – 10.15

Seminars in Paediatric Glaucoma Part 1: Tubes or Trabs

Chairpersons: **V. Gupta** INDIA
A. Kumar Mandal INDIA

- 09.30 **A. Kumar Mandal** INDIA
27 years' experience on primary combined trabeculotomy; trabeculectomy for developmental glaucomas
- 09.39 **S. Kaushik** INDIA
3 years' experience on the efficacy and safety of a low-cost drainage device AADI for refractory childhood glaucoma
- 09.48 **V. Gupta** INDIA
Trabeculectomy in Juvenile POAG: to use or not to use mitomycin?
- 09.57 **S. Senthil** INDIA
Tubes in children: how to get better outcomes
- 10.06 Discussion
- 10.15 End of session

Hall 2

10.15 – 11.00

Seminars in Paediatric Glaucoma Part 2: Special Cases – Cases & Pearls

Chairpersons: **N. Freeman** SOUTH AFRICA
A. Serra SPAIN

- 10.15 **A. Serra** SPAIN
Uveal ectasia in paediatric aphakic glaucoma; 2 cases
- 10.22 **V. Gupta** INDIA
The management of a case of malignant glaucoma post strabismus surgery
- 10.29 **A. Kumar Mandal** INDIA
A case of infantile glaucoma presented with acute corneal hydrops
- 10.36 **K. Muhammad** EGYPT
Outcome of adding collagen matrix implant (Ologen) to trabeculectomy: trabeculotomy procedure with MMC for primary congenital glaucoma ([Free Paper](#))
- 10.42 Discussion
- 11.00 End of session

Hall 3

09.30 – 10.15

Seminars in Myopia Part 1: A Clinical Understanding

Chairpersons: **A. Grzybowski** POLAND
P. Chang Wu TAIWAN
A. Chia SINGAPORE

- 09.30 **A. Grzybowski** POLAND
Epidemiology of myopia: a global perspective
- 09.40 **A. Armesto** ARGENTINA
Why are children getting more myopic?
- 09.50 **P. Chang Wu** TAIWAN
Strategies to get children more outdoors
- 10.00 **J. Matalia** INDIA
Altered tear dopamine – biomarker for
paediatric myopia (*Free Paper*)
- 10.06 Discussion
- 10.15 End of session

Hall 3

10.15 – 11.00

Seminars in Myopia Part 2: Interventions

Chairpersons: **A. Grzybowski** POLAND
A. Chia SINGAPORE
P. Chang Wu TAIWAN

- 10.15 **S. Wei Leo** SINGAPORE
Interventions: types, pros and cons
- 10.25 **H. Changmin Duan** CHINA
OrthoK in myopia control
- 10.35 **A. Chia** SINGAPORE
How I manage children with atropine
- 10.45 **R. Sinha** INDIA
Refractive surgery
- 10.55 Discussion
- 11.00 End of session

SATURDAY 2 DECEMBER

Hall 1

09.30 – 11.00

Symposium

Nystagmus: Therapies

Chairpersons: **R. Hertle** USA
L. Abel AUSTRALIA

- 09.30 **L. Welinder** DENMARK
Albinism in a Scandinavian setting
- 09.40 **R. Hertle** USA
Eye muscle surgery for acquired downbeat nystagmus
- 09.50 **L. Abel** AUSTRALIA
Beyond the eye chart: towards more comprehensive evaluation of infantile nystagmus
- 10.00 **S. Shetty** INDIA
Surgical options for large head postures
- 10.10 **A. Liasis** UK
Assessment of paediatric nystagmus
- 10.20 **D. Yang** CHINA
Digitized eye position information in nystagmus eye movements: clues to head tilts
- 10.30 **R. Tiwari** INDIA
Study of accommodation in patients with Idiopathic Infantile Nystagmus (IIN) *(Free Paper)*
- 10.36 **K. Arcot Sadagopan** INDIA
Comparison of outcome for anomalous head posture following extraocular muscle surgery in children with oculocutaneous albinism operated before and after 3 years of age *(Free Paper)*
- 10.42 Discussion
- 11.00 End of session

Hall 5

09.30 – 11.00

Symposium

Paediatric Ophthalmology and Strabismus: A Telangana Perspective

Chairpersons: **R. Swarup** INDIA
S. Murthy INDIA

- 09.30 **R. Reddy** INDIA
Endoscopic vitrectomy in paediatric eyes
- 09.42 **M. Fernandes** INDIA
Severe allergic diseases in children
- 09.54 **R. Sarangi** INDIA
ROP for general ophthalmologists
- 10.06 **R. Swarup** INDIA
Paediatric keratoplasty
- 10.18 **S. Murthy** INDIA
Uveitis related cataract in children and its management
- 10.30 **S. Goel** INDIA
Lid tear management in children
- 10.42 Discussion
- 11.00 End of session

Hall 4

10.00 – 11.00

Symposium

Child Eye Health: Underlying Factors and Vision Screening

Chairpersons: **L. Welinder** DENMARK
M. Andersson Grönlund SWEDEN

- 10.00 **V. Kemmanu** INDIA
Childhood visual impairment in Southern India
- 10.10 **J.E. Keefe** AUSTRALIA
Vision impairment in children and impact on life
- 10.20 **M. Andersson Grönlund** SWEDEN,
H. Buch Hesgaard DENMARK
Prevalence of amblyopia and vision screening results – an overview
- 10.30 **H. Atilla** TURKEY
Initiating the Turkish visual screening programme
- 10.40 **W. Marshman** AUSTRALIA
Screening for deaf-blind children
- 10.50 Discussion
- 11.00 End of session

Poster Village

10.00 – 11.00

Presented Poster Session 4

Anterior Segment: Glaucoma

Moderators: **M. Younis** LEBANON
S. Lasreg ALGERIA

- 10.00 **S. Sadasivan** INDIA
Efficacy and safety of topical tacrolimus ointment (0.03%) in the treatment of vernal kerato conjunctivitis (VKC) in the paediatric population in a tertiary eye care centre in South India
- 10.02 **A. Kumar** INDIA
Efficacy and safety of tacrolimus ointment (0.03%) in children with severe recalcitrant vernal keratoconjunctivitis
- 10.04 **M. Fortunato** ITALY
The challenging management of paediatric corneal transplantation: an overview of surgical and clinical experiences
- 10.06 **F. Salviat** FRANCE
Congenital aniridia: an epidemiological approach on 159 patients
- 10.08 **N. Kasturi** INDIA
Posterior keratoconus in children: a case series
- 10.10 **B. Dikmen** TURKEY
Corneal topographic changes at first degree paediatric relatives of patients with keratoconus
- 10.12 **M. Tartarella** BRAZIL
Ophthalmological structural and functional features in infants with microcephaly related to presumed congenital Zika syndrome
- 10.14 **S.N. Sepian** MALAYSIA
Outcomes of Baerveldt implantation in paediatric glaucoma
- 10.16 **M. Fortunato** ITALY
In vivo near-infrared fluorescence imaging of aqueous humor outflow structures in paediatric patients
- 10.18 **I. Verçosa** BRAZIL
Analysis of the red reflex test in the screening of infants with congenital Zika syndrome
- 10.20 **A. Gupta** INDIA
Differences in long-term visual outcomes between infantile and neonatal glaucoma
- 10.22 **R. Bhola** USA
Wind instruments: a cause of chronic elevation of intraocular pressure in paediatric population
- 10.24 **A. Kumar Mandal** INDIA
Do children operated for congenital glaucoma and their parents agree on the child's health-related quality of life?

SATURDAY 2 DECEMBER

- 10.26 **S. Gupta** [INDIA](#)
Refractive outcomes of cataract surgery in primary congenital glaucoma
- 10.28 **S. Deshmukh** [INDIA](#)
Outcomes of filtering surgery in glaucomatous eyes with vernal keratoconjunctivitis
- 10.30 **R. Krishnamurthy** [INDIA](#)
Comparison of Ahmed glaucoma valve implantation in primary vs secondary refractory paediatric glaucomas
- 10.32 **T. Sidhu** [INDIA](#)
Bilateral visual outcomes with low target IOP in congenital glaucoma
- 10.34 **B. Pasyanthi** [INDIA](#)
Glaucoma in retinopathy of prematurity
- 10.36 **A. Badakere** [INDIA](#)
Outcomes of post-cataract surgery glaucoma in paediatric eyes
- 10.38 **G. Joshi** [INDIA](#)
Epidemiology and characteristics of childhood glaucoma at a tertiary care centre in Northern India
- 10.40 Discussion
- 11.00 End of session

Hall 1

11.15 – 11.30

JAM Session

Our World, Our Way

Chairperson: **K.K. Nischal** [USA/UK](#)

- 11.15 Introduction
- 11.18 **K. Tan** [AUSTRALIA](#)
Global case reports
- 11.22 **P. Cohen** [NEW ZEALAND](#)
My practice all over the world
- 11.26 **M. Samant** [INDIA](#)
Setting up a screening service in Bombay
- 11.30 End of session

Hall 1

11.30 – 11.45

Unique Perspectives on Paediatric Ophthalmology

Rishi Mohan INDIA

Ocular allergies: then and now

Hall 1

11.50 – 12.25

Keynote Kanski Medal Lecture

11.50 **K.K. Nischal** USA/UK

Introduction

11.52 **Harminder Dua** UK

Posterior Corneal Anatomy:
Context, Controversy, Corroboration
and Clinical Considerations



12.25 End of session

Hall 1

13.45 – 15.15

The Great Debate: Retinopathy of Prematurity

Chairpersons: **H. Mintz-Hittner** USA
J.B. Fortes Filho BRAZIL
M. Dogra INDIA

13.45 **S. Jalali** INDIA

Surgery for ROP stage 4 or more

13.55 **H. Mintz-Hittner** USA

Anti-VEGF for treatment of severe ROP:
actualization

14.05 **M.A. Martinez-Castellanos** MEXICO

Fluorescein angiography for the follow-up
of ROP treated with Anti-VEGF

14.15 Panel:

S. Jalali INDIA

H. Mintz-Hittner USA

M.A. Martinez-Castellanos MEXICO

M. Dogra INDIA

R. Azad INDIA

J.B. Fortes Filho BRAZIL

Discussion:

Pros and cons in the use of Anti-VEGF
therapy in ROP

Subjects:

- 1) Which drug and which dose?
- 2) Long-term safety?
- 3) About recurrence rates?
- 4) Follow-up post-injection?
- 5) Re-treatment: with laser or with another injection?
- 6) Long-term follow-up or prophylactic laser treatment?

15.15 End of session

SATURDAY 2 DECEMBER

Hall 2

13.45 – 15.15

Symposium

Paediatric Cataract: Case Discussion

Chairpersons: J. Ram INDIA
P. Nucci ITALY
N. Tehrani CANADA
M. Tartarella BRAZIL

- 13.45 **N. Tehrani** CANADA
Traumatic cataract
- 13.55 **M. Morales Ballus** SPAIN
Paediatric cataract morphology:
when should we operate?
- 14.05 **P. Nucci** ITALY
Management of challenging pupillary
occlusion and residual cortical mass in
congenital cataract
- 14.15 **M. Serafino** ITALY
Delphi study presentation
- 14.25 **M. Tartarella** BRAZIL
Cataract surgery in PFV cases
- 14.35 **J. Ram** INDIA
Paediatric toric IOL implantation
- 14.45 Discussion
- 15.15 End of session

Hall 3

13.45 – 15.15

Symposium

Optic Neuropathies Update: It's Way More Complicated

Chairpersons: D. Milea SINGAPORE
J. Matalia INDIA

- 13.45 **R. Gandhi** USA
Congenital optic nerve head abnormalities:
is additional work-up necessary?
- 13.57 **S. Kashii** JAPAN
Paediatric optic neuritis and neuromyelitis
optica spectrum disorders
- 14.09 **J. Matalia** INDIA
Differential diagnosis and management
of optic disc edema in children
- 14.21 **S. Ambika** INDIA
Paediatric infectious and para-infectious
optic neuropathies
- 14.33 **D. Milea** SINGAPORE
Unexplained optic atrophy

Amazing Cases

- 14.45 **A. Selvakumar** INDIA
- 14.50 **S. Kashii** JAPAN
- 14.55 **J. Matalia** INDIA
- 15.00 **R. Gandhi** USA
- 15.05 **D. Milea** SINGAPORE
- 15.10 Discussion
- 15.15 End of session

Hall 4

13.45 – 15.15

Free Papers: Mixed Session 2

Chairpersons: **C.H.Y. Lai** HONG KONG
I. Wong SINGAPORE

- | | |
|---|--|
| <p>13.45 M. Banerjee <small>INDIA</small>
Visual experiences in children after first time spectacle wear in a tertiary eye care centre of South India</p> <p>13.51 K. Veena <small>INDIA</small>
Screening one million children for visual impairment and blindness: a community based model</p> <p>13.57 A. Elkamshoushy <small>EGYPT</small>
A single blind randomized controlled trial comparing the efficacy of topical antibiotic steroid combination versus no treatment after strabismus surgery</p> <p>14.03 S. Ziylan <small>TURKEY</small>
Long-term outcome of high hyperopes vs very high hyperopes</p> <p>14.09 P. Kumar Singh <small>INDIA</small>
Effectiveness of home based computer i-Net program in improving the visual outcome in 5 to 17 years old amblyopes</p> <p>14.15 M. Asferaw <small>ETHIOPIA</small>
Causes of severe visual impairment (SVI) and blindness in students in schools for the blind in Northwest Ethiopia</p> <p>14.21 T. Tsybulska <small>UKRAINE</small>
Phenotypic markers of connective tissue dysplasia in children of different age with acquired myopia</p> <p>14.27 M. Kothari <small>INDIA</small>
Estimation dynamic distance direct ophthalmoscopy: a novel, objective method for the quantitative assessment of accommodation in young children</p> <p>14.33 V. Warkad <small>INDIA</small>
Tribal Odisha India Eye Disease Study (TOES) #1. Prevalence and causes of visual impairment among tribal children in an urban school in Eastern Odisha</p> <p>14.39 N. Ferdousi <small>BANGLADESH</small>
Knowledge and practice pattern of school teachers regarding refractive error in selected schools in Bangladesh</p> | <p>14.45 A.N.J. Malik <small>UK</small>
Reducing visual loss in children in low-income settings through primary healthcare interventions</p> <p>14.51 A.M. Hinds <small>UK</small>
Visual outcomes in children with syndromic craniosynostosis</p> <p>14.57 Discussion</p> <p>15.15 End of session</p> |
|---|--|

Poster Village

14.00 – 15.00

Presented Poster Session 5

Low-Vision Neuro Ophthalmology

Moderators: **C. Parsa** [FRANCE](#)
A.O. Adio [NIGERIA](#)

- | | | | |
|-------|--|-------|--|
| 14.00 | A.O. Adio NIGERIA
The Importance of detecting delays in the development of visual functioning in the 1 st year of life | 14.22 | K. Bhattacharya INDIA
Nystagmus: the parent's perspective |
| 14.02 | S. Chandramouli INDIA
The low-vision screening, treatment, and service provision project for children in Coimbatore: data analysis of a USAID funded child blindness project | 14.24 | G. Fijalkowska POLAND
The usefulness of assessing the thickness of retinal ganglion cell complex in optic neuritis in children |
| 14.04 | S. Kulkarni INDIA
Impoverishment and lack of services: issues faced by families of children blind from retinopathy of prematurity | 14.26 | A. Davis USA
The association of isolated sagittal synostosis with Arnold Chiari malformation |
| 14.06 | R. Sumalini INDIA
Quantifying visual acuity in children with multiple disabilities | 14.28 | T.P. Kandyala INDIA
Clinical profile of juvenile ocular myasthenia at a tertiary eye care centre in Eastern India |
| 14.08 | S. Bhaskaran INDIA
Protocol development and its application for functional and cognitive vision assessment in children with autism spectrum disorders | 14.30 | K. Nanda USA
Strabismus and other ocular findings in metachromatic leukodystrophy |
| 14.10 | G. Shah INDIA
Study of risk factors, ophthalmic manifestations, visual and developmental outcome in children with radiologically proven periventricular leukomalacia | 14.32 | Discussion |
| 14.12 | N. Pehere INDIA
Profile of children with cerebral visual impairment at a tertiary care centre in South India | 15.00 | End of session |
| 14.14 | R. Bowman UK
Using a structured clinical question inventory for assessing children with cerebral visual impairment: what does it tell you? | | |
| 14.16 | R. Bowman UK
Cerebral visual impairment: can we make a difference? | | |
| 14.18 | S. Madan INDIA
Cortical visual impairment (CVI) scoring in children with developmental delay in Northern India | | |
| 14.20 | S. Sheth INDIA
Cortical visual impairment: etiology, associated ophthalmological and neurological features | | |

Hall 5

14.00 – 15.30

Symposium

Paediatric Ocular Trauma

Chairpersons: **P. Vaddavalli** INDIA
P. Garg INDIA

- 14.00 **P. Garg** INDIA
Infections and antibiotic resistance
- 14.20 **S. Basu** INDIA
Chemical injuries in children
- 14.30 **A. Roy** INDIA
Managing corneal trauma in children
- 14.40 **M. Ramappa** INDIA
Traumatic iris cysts
- 14.50 **P. Vaddavalli** INDIA
Traumatic cataract and secondary IOL
- 15.00 **M. Fernandes** INDIA
Keratoplasty for traumatic corneal scars
- 15.10 **B. Bagga** INDIA
Trauma in keratoglobus
- 15.20 Discussion
- 15.30 End of session

Hall 1

15.25 – 16.55

The Great Debate: Managing Accommodative Esotropia

Chairpersons: **K. McMain** CANADA
C. Morgan USA

- 15.25 **A. Maino** UK
Refractive accommodative esotropia:
Can spectacles be weaned?

Debate

Best treatment for high AC:
A ratio accommodative esotropia

- 15.35 **D. Newsham** UK
Non-surgical treatment
- 15.45 **M. Mehvar** OMAN
Surgical treatment
- 15.55 **S. Jacob** INDIA
SMILE for paediatric refractive surgery

Debate

Partially accommodative esotropia –
debate on surgical dose controversy:
extent of surgical correction

- 16.05 **T. Surendran** INDIA
Standard surgery
- 16.15 **A. Fernandez** COLOMBIA
Augmented surgical dose
- 16.25 Panel Discussion led by: **K. McMain** CANADA
C. Morgan USA
- 16.55 End of session

SATURDAY 2 DECEMBER

Hall 2

15.25 – 16.55

Symposium

Essentials for Paediatric Ocular Surface Disease

Chairpersons: **V. Sangwan** INDIA
V. Jhanji USA

- 15.25 **V. Sangwan** INDIA
Limbal stem cell management
- 15.40 **H. Nayak** INDIA
Vernal keratoconjunctivitis
- 15.55 **L. Tong** SINGAPORE
Dry eyes and conjunctival lymphocytes
- 16.10 **G. Zaidman** USA
Herpetic keratitis in children
- 16.25 **V. Jhanji** USA
Ocular chemical injury in children
- 16.40 Discussion
- 16.55 End of session

Hall 3

15.25 – 16.55

Symposium

Electrodiagnostics: Case-Based Evaluation

Chairpersons: **A. Liasis** UK/USA
M. Tekavcic Pompe SLOVENIA

- 15.25 **T. Padhi** INDIA
Paediatric ocular electrophysiology:
introduction, techniques
and standards
- 15.35 **M. Tekavcic Pompe** SLOVENIA
Visual electrophysiology: a great tool in the
paediatric ophthalmologists' hands
- 15.45 **P. Sen** INDIA
The pattern ERG and VEP in paediatric
optic neuritis
- 16.05 **R. Henderson** UK
Do we require electrophysiology in an age
of genetic testing?
- 16.40 **A. Liasis** UK/USA
Beyond the checkerboard: the use of event
related potentials in clinical practice
- 16.15 **C. Parsa** FRANCE
How to explain 'flat' electroretinograms
when patients with Leber's congenital
amaurosis may not be blind
- 16.25 Discussion
- 16.55 End of session

Hall 4

15.25 – 16.55

Free Papers: Mixed Session 3

Chairpersons: **M. Forrest** AUSTRALIA
S. Ko HONG KONG

- 15.25 **M. Khatun** BANGLADESH
Factors influencing intraocular lens exchange in children: a hospital based study
- 15.31 **L. Lowgren Elmer** SWEDEN
Complications after surgery for congenital cataract in infants
- 15.37 **R. Kapoor** INDIA
Comparison of retro fixated iris claw lens (IC) versus scleral fixated lens (SFIOL) for correction of paediatric aphakia secondary to ectopia lentis
- 15.43 **C. Solis** USA
Paediatric contact lens use and application
- 15.49 **C. Mehta** INDIA
Tips for handling a traumatic posterior capsule blowout
- 15.55 **M. Ugalahi** NIGERIA
Paediatric ocular trauma: clinical and epidemiological profile of patients seen in a Nigerian tertiary hospital
- 16.01 **M. El Shafie** EGYPT
Role of UBM in evaluation of blunt ocular trauma
- 16.07 **M. Moreker** INDIA
Immunosuppression in paediatric uveitis: need for an effective sync between the uveitis specialist, paediatric ophthalmologist and paediatric rheumatologist
- 16.13 **J. Matalia** INDIA
New predictive model of corneal biomechanics for myopic pediatric population using corneal topography
- 16.19 **M. Bhavatharini** INDIA
Keratoconus in children: a 10 year retrospective study
- 16.25 **L. Berganza Canales** MEXICO
Exotropia following senile dense cataract and binocular subtraction
- 16.31 **C. Murillo Correa** MEXICO
Strabismus in ocular trauma
- 16.37 Discussion
- 16.55 End of session

Poster Village

16.30 – 17.30

Presented Poster Session 6

Nasolacrimal Duct Obstruction (NLDO)

Moderators: **P. Sen** INDIA
S. Desai INDIA

- 16.30 **M. Kothari** INDIA
Congenital nasolacrimal duct obstruction: should we continue lacrimal massage till one year or perform an office probing at 6 months? A clinical decision analysis approach
- 16.32 **S. Shah** INDIA
Cost effective alternative to silicone tube for canalicular tear repair
- 16.34 **F. Habroosh** UAE
Outcome of nasolacrimal duct obstruction treatment in paediatric age group in tertiary general hospital
- 16.36 **R. Gupta** INDIA
Microbiological spectrum and antibiotic sensitivity in congenital nasolacrimal duct obstruction (CNLDO)
- 16.38 **A. Shah** INDIA
Comparative study of probing vs probing with intubation for naso lacrimal obstruction in children
- 16.40 **B. Mukherjee** INDIA
Microbiological spectrum and antibiotic sensitivity patterns in children with congenital nasolacrimal duct obstruction (CNLDO)
- 16.42 **Z. Muhammad** PAKISTAN
Is silicone intubation necessary in dacryocystorhinostomy?
- 16.44 **M. Chandratreya** INDIA
Congenital nasolacrimal duct obstruction (CNLDO): clinical management outcome at a tertiary care centre
- 16.46 **S. Parreira** PORTUGAL
The effectiveness of probing for congenital nasolacrimal duct obstruction at different ages
- 16.48 **A. Gupta** INDIA
Does age affect the success of probing for congenital nasolacrimal duct obstruction?
- 16.50 **V.R.K.P. Kothamasu, E. Agarwal, R. Swarup** INDIA
Amniotocele: a rare presentation of congenital nasolacrimal duct obstruction

Hall 1

17.00 – 18.30

The Great Debate: Managing Intermittent Exotropia

Chairpersons: **G. Gole** AUSTRALIA
M. del Monte USA

- 16.52 **M. Shah** INDIA
Management of bilateral congenital lacrimal punctal and canalicular atresia and congenital fistula of the lacrimal sac
- 16.54 **S. Kesarwani** INDIA
Inadvertent rupture of infected congenital dacryocoele into the orbit on attempted Crigler's lacrimal sac massage
- 16.56 Discussion
- 17.30 End of session

- 17.00 **C.H.Y. Lai** HONG KONG
Etiology and classification of classical intermittent esotropia
- 17.10 **K. Kalaivani** INDIA
Neurologic causes of exotropia and intermittent exotropia in childhood
- 17.20 **B. Mohney** USA
Office and home evaluation of intermittent exotropia
- 17.30 **J. Holmes** USA
Deciding when to intervene in IXT
- 17.40 **T. Qiao** CHINA
Managing consecutive esotropia after surgery for exotropia
- 17.50 **M. Forrest** AUSTRALIA
Surgical management of intermittent exotropia
- 18.00 **A. Vivian** UK
Long term results, how long to follow up and when to re-operate?
- 18.10 Discussion
- 18.30 End of session

Hall 2

17.00 – 18.30

Symposium

Paediatric Cornea: Making It Crystal Clear

Chairpersons: **G. Zaidman** USA
P. Vaddavalli INDIA

- 17.00 **P. Vaddavalli** INDIA
Introduction
- 17.02 **M. Fernandes** INDIA
HSV keratitis in children
- 17.10 **G. Zaidman** USA
Glaucoma in children with corneal diseases
- 17.18 **M. Lakshminpathy** INDIA
Paediatric keratoplasty: the Indian experience
- 17.26 **K.K. Nischal** USA/UK
Mucopolysaccharidosis
- 17.34 Discussion
- 17.46 **A. Al Ali** CANADA
Corneal reinnervation
- 17.54 **P. Vaddavalli** INDIA
Keratoconus in children
- 18.02 **E. Stahl** USA
Refractive surgery in children
- 18.10 Discussion
- 18.30 End of session

Hall 3

17.00 – 18.30

Symposium

Paediatric Surgical Retina

Chairpersons: **C.K. Patel** UK
W.C. Lam HONG KONG

- 17.00 **K. 'Skip' Olsen** USA
Paediatric vitreous haemorrhage:
differential diagnosis and management
- 17.12 **R. Henderson** UK
Non-ROP vascular retinopathies
- 17.24 **L. Gopal** INDIA
Coloboma
- 17.36 **W.C. Lam** HONG KONG
Pars plana entry
- 17.48 **C.K. Patel** UK
Conventional vs endoscopic surgery for ROP
- 18.00 **S. Nayak** INDIA
Spectrum of paediatric retina surgery and its
outcome: a three year experience (*Free Paper*)
- 18.06 Discussion
- 18.30 End of session

SATURDAY 2 DECEMBER

Hall 4

17.00 – 18.30

Symposium

Thyroid Eye Disease & Myositis

Chairpersons: **D. Granet** USA
S. Rath INDIA

- 17.00 **T. Smith** USA
Molecular mechanisms in TED
- 17.15 **S. Rath** INDIA
VISA scoring for TED
- 17.30 **D. Granet** USA
Approach to strabismus
- 17.45 **J. Yu** USA
Orbital surgery in thyroid eye disease
- 18.00 **A. Chandrasekharan** INDIA
Clinical profile and surgical outcomes of strabismus associated with thyroid eye disease in an Indian population (*Free Paper*)
- 18.06 Discussion
- 18.30 End of session

Hall 5

17.00 – 18.00

Open Session

Ocular Genetics – Planning for Future Collaborations

Chairperson: **A.S. Karthikeyan** INDIA

Delegates are invited to attend and discuss future collaborations to aid the development of ocular genetics.

Hall 1

08.00 – 09.25

Symposium

The Mock Trial: Non-Accidental Injury

Panel: **A. Levin** USA
S. Jalali INDIA
G. Binenbaum USA
K. Tan AUSTRALIA
W. Acilimandos UK

Hall 2

08.00 – 09.25

Symposium

7 Systemic Diseases That We Should Know About

Chairpersons: **E. Silva** PORTUGAL
Y. Ning Strube CANADA

- 08.00 **B. Lorenz** GERMANY
Ceroid neuronal lipofuscinosis
- 08.09 **E. Silva** PORTUGAL
Refsum's and peroxisomal diseases
- 08.18 **L. Thompson** USA
Sturge Weber, PHACEs and approaches to hemangiomata
- 08.27 **S. Wei Leo** SINGAPORE
NF1 and NF2
- 08.36 **A. Kulkarni** UK
Evolving patterns of eye involvement in ciliopathies
- 08.45 **Y. Ning Strube** CANADA
LHON and mitochondrial diseases
- 08.54 **S.L. Robbins** USA
Plasminogen deficiency
- 09.03 Discussion
- 09.25 End of session

SUNDAY 3 DECEMBER

Hall 3

08.00 – 09.25

Symposium

My Worst Complication

Chairpersons: **K.K. Nischal** USA/UK
D. Granet USA

- 08.00 **S. Gopal** INDIA
- 08.08 **D. Granet** USA
- 08.16 **D. Mojon** SWITZERLAND
- 08.24 **K.K. Nischal** USA/UK
- 08.32 **A. Chandna** USA
- 08.40 **S. Jain** UK
- 08.48 **A. Molinari** ECUADOR
- 08.56 Discussion
- 09.25 End of session

Hall 4

08.00 – 09.25

Symposium

Strabismus Syndromes: Pearls & Pitfalls

Chairpersons: **D. Godts** BELGIUM
E. Cumhur Sener TURKEY

- 08.00 **L. Kowal** AUSTRALIA
Effective solutions for the congenital and acquired pulley dysfunction syndromes
- 08.10 **P. Sharma** INDIA
Management of Duane and Möbius syndromes
- 08.20 **F.P. Diaz** ARGENTINA
Brown syndrome, keys to long term success
- 08.30 **J.W. Pott** THE NETHERLANDS
Practical approach to the management of diplopia in patients with cerebellar syndromes
- 08.40 **D. Godts** BELGIUM
Orthoptic pearls in strabismus syndromes
- 08.50 **E. Cumhur Sener** TURKEY
Pearls and pitfalls of strabismus surgery in congenital fibrosis of the extraocular muscles
- 09.00 Discussion
- 09.25 End of session

Hall 5

08.15 – 09.45

Orthoptics Workshop 1: Keep it Single and Clear: Assessing and Managing Binocular Diplopia

Chairperson: J. Rizwana Hussaindeen [INDIA](#)

- 08.15 **M. Swaminathan** [INDIA](#)
Tips and tricks in handling paediatric patients:
expert recommendations from the desk of a
paediatric ophthalmologist
- 08.25 **T. Tharakeswari** [INDIA](#)
Get your hands-on with paediatric
vision assessment
- 08.35 **J. Rizwana Hussaindeen** [INDIA](#)
Refraction in binocular vision: case based
approach in children and adult
- 08.45 **Dr. Muthulakshmi** [INDIA](#)
Case presentation
- 08.55 Discussion
- 09.45 End of session

Poster Village

09.30 – 10.30

Presented Poster Session 7

Case Reports

Moderators: D. Khuram [INDIA](#)
S. Harding [UK](#)

- 09.30 **S. Kuruvilla** [INDIA](#)
Bilateral spontaneous lens dislocation in a
seven week old infant
- 09.32 **A. Sethi** [INDIA](#)
The painless eye: neurotrophic keratitis in a
child suffering from hereditary sensory
autonomic neuropathy type IV
- 09.34 **A. Bisani** [INDIA](#)
Congenital corneal anaesthesia: a case series
- 09.36 **S. Mittal** [INDIA](#)
Non-traumatic subluxated lens in children:
clinical profile and long-term
- 09.38 **R. Mehta** [INDIA](#)
Systemic tuberculosis mimicking neuromyelitis
optica spectrum disorder
- 09.40 **H. Thakkar** [INDIA](#)
Isolated Medial Rectus (MR) palsy
- 09.42 **V. Pande** [INDIA](#)
Primary lung carcinoma presented in eye OPD
with Parinaud's syndrome as first manifestation:
a case report
- 09.44 **A. Agrawal** [UK](#)
Unusual cases of acquired acute third nerve
palsy in children
- 09.46 **S. Aulakh** [INDIA](#)
Acute onset squint following MMR vaccination
in an 11 month old infant: a case report
- 09.48 **R. Gupta** [INDIA](#)
Two cases with mid-brain pathologies causing
sudden onset diplopia
- 09.50 **L. Bodily** [USA](#)
An unusual case of isolated, inferomedial
orbital soft tissue Ewing sarcoma without
metastasis identified with characteristic
genetic translocation
- 09.52 **S. Aboughaly** [EGYPT](#)
Surgical correction of severe congenital upper
lid retraction in strabismus patient
- 09.54 **V. Erraguntla** [CANADA](#)
The development of myelinated nerve fibers
in a male twin born premature: a case report

- 09.56 **S. Jain** [INDIA](#)
X-linked retinoschisis in a female child:
a unique manifestation
- 09.58 **R. Bansal** [INDIA](#)
Pseudo Duane's retraction syndrome following
retrobulbar cysticercosis: a case report
- 10.00 **A. Joon** [INDIA](#)
Brainstem tuberculoma presenting with
horizontal gaze palsy and skew deviation
- 10.02 **R. Gupta** [INDIA](#)
A typical case of impacted wooden foreign
body causing diplopia
- 10.04 **P. Shah** [INDIA](#)
Sturge Weber syndrome: a unique case
- 10.06 **D. Jain** [INDIA](#)
Rare association of optic disc pits with
myelinated retinal nerves: a case report
- 10.08 **S. Udayakumar** [INDIA](#)
A rare case of familial pseudo
hypoadosteronism (FPHA)
- 10.10 **M. Khera** [INDIA](#)
Bilateral optic neuritis in a child after Dengue
fever with subnormal visual recovery
- 10.12 Discussion
- 10.30 End of session

Hall 1

09.30 – 11.00

Symposium

Strabismus Re-Op: Case Discussion

Chairpersons: **Y. Morad** [ISRAEL](#)
M. Goldchmit [BRAZIL](#)

- 09.30 **D. Granet** [USA](#)
Re-operation in Graves disease
- 09.40 **S. Wei Leo** [SINGAPORE](#)
Re-operations in patients with high myopia
- 09.50 **A. Molinari** [ECUADOR](#)
Re-operation after a lost muscle
- 10.00 **Y. Morad** [ISRAEL](#)
Stretched extraocular muscle scars: how to
recognise, treat and avoid
- 10.10 **M. Goldchmit** [BRAZIL](#)
Consecutive exotropia
- 10.20 **Q. Boon Long** [SINGAPORE](#)
Anti-elevation syndrome: Why? How to avoid
and how to treat
- 10.30 **L. Dagi** [USA](#)
Re-operation after surgical treatment
of Brown syndrome
- 10.40 Discussion
- 11.00 End of session

Hall 2

09.30 – 11.00

Symposium

CVI: Diagnosis, Strategies & Outcomes

Chairpersons: **M. Rainey** [USA](#)
L. Lawrence [USA](#)

- 09.30 **L. Hyvarinen** [FINLAND](#)
Visual processing disorders in school age
- 09.40 **D. Ademola-Popoola** [NIGERIA](#)
Who should diagnose CVI?
- 09.50 **L. Lawrence** [USA](#)
How early can we diagnose CVI?
- 10.00 **A. Chandna** [USA](#)
How late can you diagnose CVI?
- 10.10 **N. Pehere** [INDIA](#)
How can you integrate CVI into your busy practice?
- 10.20 **G. Vasconcelos** [BRAZIL](#)
Ophthalmic interventions for children with CVI
- 10.30 **P. Vijayalakshmi** [INDIA](#)
CVI: an international perspective
- 10.40 Discussion
- 11.00 End of session

Hall 3

09.30 – 11.00

Symposium

Paediatric Uveitis

Chairpersons: **S. Sharma** [UK](#)
S.L. Robbins [USA](#)

- 09.30 **G. Wu** [SINGAPORE](#)
Paediatric uveitis: the Singapore experience
- 09.40 **I. Kozak** [UAE](#)
The role of imaging in paediatric uveitis
- 09.50 **S.L. Robbins** [USA](#)
The relationship between steroids & IOP: dispelling myths
- 10.00 **M. Kramer** [ISRAEL](#)
What has the IUSG taught us?
- 10.10 **S. Sharma** [UK](#)
The promise of biosimilars in the management of JIA: cost and bioequivalence
- 10.20 **S. Yangzes** [INDIA](#)
Long term outcomes of cataract surgery in children with uveitis ([Free Paper](#))
- 10.26 **M. Tyagi** [INDIA](#)
Vogt Koyanagi Harada Syndrome: features and outcomes in paediatric population ([Free Paper](#))
- 10.32 **S. Al-Zuhaibi** [OMAN](#)
Paediatric Uveitis: the Sultan Qaboos University Hospital Experience, Oman ([Free Paper](#))
- 10.38 Discussion
- 11.00 End of session

SUNDAY 3 DECEMBER

Hall 4

09.30 – 11.00

Symposium

Genetics for the Paediatric Ophthalmologist

Chairperson: **A.S. Karthikeyan** INDIA

- 09.30 **C. Pang** HONG KONG
Genetics of myopia
- 09.40 **K.K. Nischal** USA/UK
Genetics of paediatric cataract and corneal disorders
- 09.50 **J. Wiggs** USA
Genetics of paediatric glaucoma
- 10.00 **A.O. Khan** UAE
Genotype-phenotype correlations in paediatric retinal dystrophy
- 10.10 **A.S. Karthikeyan** INDIA
A clinical and genetic approach to a child with coexistent visual and hearing abnormality
- 10.20 **A. Levin** USA
Dysmorphology for the paediatric ophthalmologist
- 10.30 **V. Khetan** INDIA
Genetic testing in retinoblastoma
- 10.40 Discussion
- 11.00 End of session

Hall 5

10.00 – 11.30

Orthoptics Workshop 2: Paediatric Vision Assessment

Chairpersons: **S. Cotter** USA
L. Kowal AUSTRALIA
D. Godts BELGIUM

- 10.00 **D. Godts** BELGIUM
Working up the diplopic patient
- 10.10 **S. Cotter** USA
Non-surgical management of diplopia
- 10.20 **P. Satgunam** BELGIUM
Managing diplopia in unusual scenarios
- 10.30 **L. Kowal** AUSTRALIA
Diplopia management from a strabismologist's point of view

Case presentations

- 10.40 **J. Rizwana Hussaindeen** INDIA / **T. Tharakeswari** INDIA
Case-based discussion
- 10.50 **P. Kumar Singh** INDIA
- 11.00 **P. Sen** INDIA
- 11.10 Discussion
- 11.30 End of session

Hall 1

11.15 – 11.30

JAM Session

Our World, Our Way

Chairperson: D. Granet USA

11.15 Introduction

11.18 **S. Cotter** USA
The role of optometry and ophthalmology
in child eye health

11.22 **F. Prieto-Diaz** ARGENTINA
An update on strabismus from South America

11.26 **A. Grzybowski** POLAND
A history of strabismus, an Eastern
European perspective

11.30 End of session

Hall 1

11.30 – 11.45

Unique Perspectives on Paediatric Ophthalmology

Nag Rao INDIA

Hall 1

11.50 – 12.25

Keynote Strabismus Lecture

11.50 **D. Granet** USA
Introduction

11.52 **Richard Hertle** USA
How and What We Learned
From Studying Nystagmus
in Infancy and Childhood



12.25 End of session

SUNDAY 3 DECEMBER

Hall 1

13.45 – 15.15

Symposium

Amblyopia

Chairpersons: **A. Fernandez** COLOMBIA
S. Cotter USA

- 13.45 **A. Webber** AUSTRALIA
The functional impact of amblyopia:
fine-motor skills in children with amblyopia
- 13.53 **S. Cotter** USA
Binocular therapy for amblyopia: results from
a randomized clinical trial
- 14.01 **M. Stass-Isern** USA
Choosing the appropriate patient for
Bangerter foil therapy
- 14.09 **S. Pandey** INDIA
Amblyopia: inside out
- 14.17 **R. Garrido** SPAIN
Amblyopia treatment: accommodation and
contrast sensitivity

Pharmacology Therapy for Amblyopia: From Colombia to Istanbul

- 14.25 **B. Gokyigit** TURKEY
Pharmacologic therapies in amblyopia,
Bosphorus experience
- 14.33 **L. Berganza** MEXICO
Pharmacology's treatment for amblyopia: the
Mexican approach
- 14.39 **A. Fernandez** COLOMBIA
Fighting amblyopia in Latin America
- 14.47 Discussion
- 15.15 End of session

Hall 2

13.45 – 15.15

Symposium

Neuro-Ophthalmology: Case Discussion

Chairpersons: **N. Freeman** SOUTH AFRICA
S. Pineles USA

- 13.45 **A. Galan** SPAIN
Myasthenia
- 13.55 **R. Rodriguez** SPAIN
Pica stroke syndrome
- 14.05 **C. Cleves-Bayon** USA
Pseudotumour fulminant presentations
- 14.15 **P. Patil-Chhablani** INDIA
What's new in Duane syndrome?
- 14.25 **J. Peragallo** USA
Paediatric idiopathic intracranial hypertension
- 14.35 **C. Cleves-Bayon** USA
MGDA and Moya Moya
- 14.45 Discussion
- 15.15 End of session

Hall 3

13.45 – 15.15

Videos: Signs and Surgical Techniques in Paediatric Ophthalmology

Chairpersons: **Y. Fong Choong** MALAYSIA
M. Younis LEBANON

- 13.45 **Y. Fong Choong** MALAYSIA
Essential signs of eye movements you shouldn't miss
- 13.55 **M. Younis** LEBANON
Treatment of syndrome of ectopia lentis, spontaneous filtering blebs and facial dysmorphism
- 14.05 **P. Lenhart** USA
Corneal signs/surgery
- 14.15 **R. Kumar** INDIA
The sewing machine technique for iridodialysis repair
- 14.25 **J. Ram** INDIA
Double crystalline lens
- 14.35 **C. Cherfan** LEBANON
Micropulse cyclophotocoagulation: a therapeutic option in paediatric glaucoma
- 14.45 **K.K. Nischal** USA/UK
Goniotomy in aniridia
- 14.55 Discussion
- 15.15 End of session

Hall 4

13.45 – 15.15

Free Papers: Mixed Session 4

Chairpersons: **S. Wei Leo** SINGAPORE
C. Ortube USA

- 13.45 **D. Godts** BELGIUM
Long-term follow-up of age-related distance esotropia
- 13.51 **G. Corradetti** USA
Wright central plication of lateral rectus vs standard medial rectus recession in adult divergence insufficiency esotropia
- 13.57 **S. Bhawe** INDIA
Analysis of trochlear nerve palsies in a clinical setting in central India
- 14.03 **S. Westby** UK
Fornix incision vs minimally invasive strabismus surgery (MISS) approaches to strabismus surgery: an effectiveness study
- 14.09 **K. Tenland** SWEDEN
Surgical results in patients with exotropia and intermittent exotropia: a retrospective evaluation
- 14.15 **S. Sathyan** INDIA
Ocular torsion in intermittent exotropia without oblique muscle involvement
- 14.21 **H. Reddy** INDIA
Some complicated situations of superior oblique anomalies: possible management procedures with residual results
- 14.27 **U. Gandhi** INDIA
Clinical profile and treatment outcomes of acquired Brown syndrome: case series from a tertiary eye care centre
- 14.33 **A. Gupta** INDIA
Early surgery for infantile esotropia has good motor and sensory outcome
- 14.39 **S. Flodin** SWEDEN
Standard reference range of cyclotorsion in a healthy adult population
- 14.45 **M. CK** INDIA
The original insertion: relevance in strabismus surgery
- 14.51 **R. Friling** ISRAEL
Primary position horizontal deviations in Brown syndrome patients undergoing surgical correction
- 14.57 Discussion
- 15.15 End of session

SUNDAY 3 DECEMBER

Hall 5

13.45 – 14.45

Symposium

Paediatricians' and Ophthalmologists' Perspective

Chairpersons: **L. Lingappa** INDIA
A. Hedua INDIA

14.00 **J. Matalia** INDIA
Emergencies in paediatric ophthalmology

Ptosis in Children

14.20 **A. Badakere** INDIA
Ophthalmologists' perspective

14.27 **R. Konanki** INDIA
Neurologists' perspective

Neurometabolic diseases in children

14.37 **V. Sachdeva** INDIA
Ophthalmologists' perspective

14.44 **L. Lingappa** INDIA
Neurologists' perspective

14.54 Discussion

15.00 End of session

Poster Village

14.00 – 15.00

Presented Poster Session 8

Retinopathy of Prematurity (ROP)

Moderators: **S. Jalali** INDIA
G. Kumar INDIA

- 14.00 **R. Kumar Puligadda** INDIA
Retinopathy of prematurity (ROP) incidence, risk factors and treatment outcome in South India
- 14.02 **U. Sen** BANGLADESH
Incidence and risk factors for retinopathy of prematurity: NIO&H experience
- 14.04 **P. Arora** INDIA
Retinopathy of prematurity: incidence, risk factors and outcomes at a tertiary care centre in North India
- 14.06 **S. Kulkarni** INDIA
Blinding retinopathy of prematurity in Western India: characteristics of children and reasons for late presentation
- 14.08 **J. Kelkar** INDIA
A mobile team for screening of retinopathy of prematurity in India: cost effectiveness, outcomes and assessment
- 14.10 **D. Kumawat** INDIA
Ocular auto-stimulation and its consequences in stage 5 retinopathy of prematurity
- 14.12 **B. Olusanya** NIGERIA
Initial report of a retinopathy of prematurity screening programme at a tertiary hospital in sub-Saharan Africa
- 14.14 **J. Yam** HONG KONG
Antenatal steroid reduces risk of retinopathy of prematurity: a systematic review and meta-analysis
- 14.16 **P. Kumar Goriparthi** INDIA
ROP and WINROP in an Indian scenario: first Indian study
- 14.18 **H. Abeysekera** SRI LANKA
Intravitreal bevacizumab injection as the treatment for Type 1 retinopathy of prematurity: experience from Sri Lanka
- 14.20 **R. Venkatesh** INDIA
Incidence of retinopathy of prematurity in North India: are we seeing a declining trend?
- 14.22 **S. Jalali** INDIA
Root cause of suboptimal outcomes in the clinical practice of retinopathy of prematurity management over a 17 year period. The Indian Twin Cities ROP (ITCROPS) study database analysis

Hall 1

15.20 – 15.50

Key Free Papers: Amblyopia

Chairpersons: J. Holmes [USA](#)
J. Jethani [INDIA](#)

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|--|---|
| <p>14.24 A. Mataftsi GREECE
Retinopathy of prematurity: incidence and associated risk factors in a referral center of Northern Greece</p> <p>14.26 V. Laveti INDIA
Prospective clinical study of combined laser photocoagulation and intravitreal bevacizumab treatment using two different regimens for retinopathy of prematurity management</p> <p>14.28 H. Mintz-Hittner USA
Visual acuity and optical coherence tomography outcomes at age 7 years following intravitreal bevacizumab injection versus near confluent laser treatment</p> <p>14.30 C.H.Y. Lai HONG KONG
Avastin (bevacizumab) use in retinopathy of prematurity: a Hong Kong 3 year review</p> <p>14.32 S. Jalali INDIA
Clinical features and outcomes of day one postnatal screening for familial exudative vitreoretinopathy in siblings/offspring</p> <p>14.34 Discussion</p> <p>15.00 End of session</p> | <p>15.20 S. Kaur INDIA
Optical coherence tomography angiography in anisometropic amblyopia</p> <p>15.26 A. Vagge ITALY
Visual improvement in adult amblyopic eye following treatment-induced vision loss in the dominant eye with uveal melanoma</p> <p>15.32 S. Bhat INDIA
Response to management of uncorrected latent hypermetropia in adolescents with recurrent headache: a prospective study</p> <p>15.38 Discussion</p> <p>15.50 End of session</p> |
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SUNDAY 3 DECEMBER

Hall 2

15.20 – 15.50

Key Free Papers: Anterior Segment

Chairpersons: **E. Stahl** USA
M. Ramappa INDIA

- 15.20 **B. Madhavarao** INDIA
Clinical profile and management of iris cyst in children: a case series
- 15.26 **N. Shakankiri** EGYPT
Femtomushroom keratoplasty in paediatric age
- 15.34 **B. Chauhan** USA
Understanding how the iris forms
- 15.40 **S. De Lima** SWEDEN
The effect of three common ophthalmic solutions on silicone hydrogel lens material Senofilcon A investigated in vivo and in vitro
- 15.46 Discussion
- 15.50 End of session

Hall 3

15.20 – 15.50

Key Free Papers: Neuro Ophthalmology

Chairpersons: **M. Swaminathan** INDIA
R. Bangsgaard DENMARK

- 15.20 **C. Morini** UK
Longterm visual prognosis of nonsyndromic craniosynostosis
- 15.26 **C. Ortube** SPAIN
Infrared pupillography in neurofibromatosis and optic nerve gliomas
- 15.34 **S. Handley** UK
Application of macular OCT in paediatric neuro-ophthalmology
- 15.40 **P. Satgunam** INDIA
Testing visual fields in infants: a novel device
- 15.46 Discussion
- 15.50 End of session

Hall 4

15.20 – 15.50

Key Free Papers: Oculoplastics

Chairpersons: **S. Kaliki** INDIA
B. Mukherjee INDIA

- 15.20 **T. Dave** INDIA
Demography, clinical presentations and management outcomes in congenital contracted sockets: an Indian study of 311 eyes
- 15.26 **K. Koka** INDIA
Langerhans cell histiocytosis of the orbit
- 15.32 **A. Medsinghe** USA
Single specialty vs combined approach to drainage of subperiosteal orbital abscesses in the paediatric population
- 15.38 **K. Duncan** USA
The association between epiblepharon and obesity
- 15.44 Discussion
- 15.50 End of session

Hall 1

16.00 – 16.30

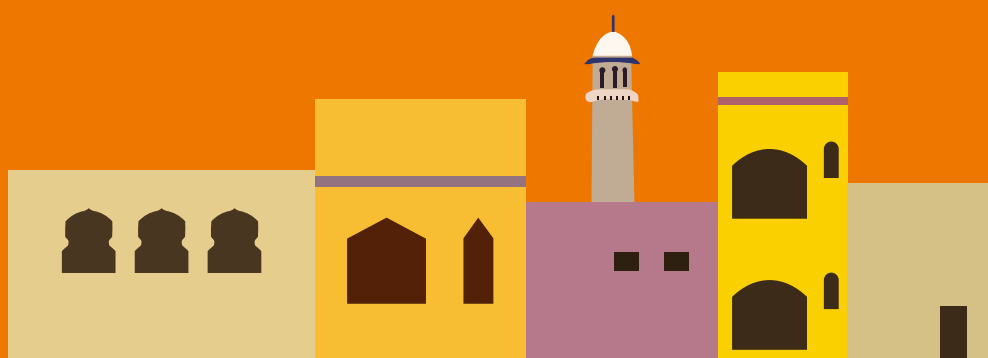
WSPOS Video Awards & Announcement of WCPOS V Location

Chairpersons: **K.K. Nischal** USA/UK
D. Granet USA

Don't miss the final session of WCPOS IV, where the winners of the Video Competition will be announced.

The location of WCPOS V will be also revealed.

POSTER VILLAGE



PRESENTED POSTERS

LOCATED IN HALL 6

POSTER PRESENTATION TIMES

FRIDAY

10.00 – 11.00
11.30 – 12.30
15.30 – 16.30

SATURDAY

10.00 – 11.00
14.00 – 15.00
16.30 – 17.30

SUNDAY

09.30 – 10.30
14.00 – 15.00

Amblyopia and Vision Screening Testing

S. Agarwal, S. Ganesh, T. Tibrewal [INDIA](#)

Spectacle compliance in children screened in rural clusters of Uttar Pradesh (Meerut)

A. Akanda, S. Sen, S. Shifu, A. Hussain, N. Ferdousi [BANGLADESH](#)

Evaluation of compliance of patching for the treatment of amblyopia

A. Akanda, S. Sen [BANGLADESH](#)

Causes of amblyopia among children coming to paediatric ophthalmology out patient department in a public hospital

N. Antsiferova, I. Plisov [RUSSIA](#)

Our experience of treating anisometropic and strabismic amblyopia using liquid crystal glasses

K. Bajracharya, S. Shrestha, M. Singh [NEPAL](#)

Comparative study of visual outcome in amblyopia after occlusion therapy versus occlusion therapy along with cam vision stimulator

R. Bansal, A. Kumar [INDIA](#)

Ocular manifestations of autism: an Indian perspective

A. Baskaran, S. P. T. Britto, N.J.C.A [INDIA](#)

Predictive factors for outcomes of treatment in anisometropic amblyopia

M. Bhate [AUSTRALIA](#)

The impact of neonatal transfer on follow-up screening for retinopathy of prematurity: Data from a tertiary care children's hospital in NSW Australia

B. Blaha, K.D. Nanda, K.K. Nischal [USA](#)

Binocular function in the presence of amblyopia

V. Chandran, A. Gupta [INDIA](#)

Active vision therapy in children with resistant amblyopia

N. Ferdausi, A. Hussain, G. Mostofa [BANGLADESH](#)

Refractive error among selected primary school children in Bangladesh: Demographic pattern analysis

D. Godts [BELGIUM](#)

Amblyopia with eccentric fixation: Is inverse occlusion still an option?

S. Jain, L. Hyvarinen, K. Jain, P. Gupta, P. Sen, E. Jain, S. Pandey [INDIA](#)

Nav Drishti: An initiative to assess the vision in newborn

D. John, M. Lettitia, T. Kuriakose [INDIA](#)

Range of near visual acuity in children with pseudophakia

P. Kammari, P. Rani, D. Balakrishnan, S. Jalali [INDIA](#)

Refractive outcomes of spontaneously regressed and treated retinopathy of prematurity in Indian twin cities, ROP study

N. Kasturi, M. Shahin [INDIA](#)

Parental awareness of refractive errors and factors affecting spectacle compliance in paediatric and adolescent population attending ophthalmology OPD at Jipmer

S. Kumar [INDIA](#)

Preventing relapse of amblyopia after improvement by various modalities

R. Mehta, R. Khurana, S. Ganesh, P. Sharma [INDIA](#)

Factors affecting binocular vision status of children 6-16 years visiting an urban tertiary eye care hospital

S. Monga [INDIA](#)

Spectacle prescription in children: Understanding prevalent practice trends in India

M. Ravindran, N. Pawar, T. Ravilla D, A. Bisani, R. Khadse [INDIA](#)

Non compliance for wearing spectacles: Prevalence and determinants in school aged children in Southern India

V. Sachdeva, V. Gokhale, G. Yadav, J. Trilinga, R. Kekunnaya [INDIA](#)

Characteristics and outcomes of amblyopia in accommodative esotropia: Results from a tertiary eye care centre in South India

V. Sachdeva, M. Negalur, J. Trilinga, V. Gokhale, R. Kekunnaya [INDIA](#)

Outcomes of atropine penalization: Early outcomes from a tertiary eye care centre in South India

A. Sahu, D. Agrawal, S. Patel [INDIA](#)

Pre and peri-treatment factors that may influence outcomes of atropine penalisation and patching therapy

A. Sahu, D. Agrawal, P. Dubey, S. Chatterjee [INDIA](#)

Validation of a new method of paediatric refraction: Large aperture lens rack

M. Samant, R. Dhamankar, O. Pirdankar, S. Deshmukh, S. Deshpande, S. Haldipurkar, M. Setia [INDIA](#)

Prevalence of vision impairment among school children in Raigad District, Western India

L. Sankaranarayanan, P. Krishnan, R. Bhat [INDIA](#)

Role of OCT in explaining visual loss in children

S. Sathyan, C. Paul [INDIA](#)

A comparison of Lea symbol chart and Sheridan Gardiner chart for preschool vision screening

S. Sathyan, A. Murali, M. Chackochan, J.R. [INDIA](#)

Relationship between fully corrected myopic refractive error and near stereoacuity

S. Shah, M. Shah, N. Alane, P. Kalbande, R. Khanna [INDIA](#)

Is functional improvement in vision associated with retinal structural changes?

C. Stolovitch, A. Leshno, D. Mezad Koursh [ISRAEL](#)

Relations between binocular motoric and sensoric functions: Convergence and stereoacuity

V. Une, R. Rathi, K. Khaire [INDIA](#)

Prevalence of amblyopia in children having refractive errors

POSTER PRESENTATIONS

R. Vinaya Kumar [INDIA](#)

Amblyopia in congenital ptosis: Factors that matter

L. Xie, C. Liao, R. Liu, D. Wang, J. Zhang, F. Chen, M. He [CHINA](#)

Barriers and facilitators for an innovative school-based vision screening model in China

G. Yadav, V. Gokhale, J. Trilinga, V. Sachdeva, R. Kekunnaya [INDIA](#)

Prevalence of amblyopia in accommodative esotropia: Results from a tertiary eye care centre in South India

Anterior Segment External Disease

A. Baskaran, T. Britto, N.J.C.A [INDIA](#)

Do they feel what we see? Quality of life in children with mild to moderate ocular allergy

S. Chaurasia, M. Ramappa, C. Kannabiran [INDIA](#)

Parents of patients with congenital hereditary dystrophy should be evaluated for Fuchs endothelial corneal dystrophy

P. Dhawan, A. Dhawan [INDIA](#)

Grossly asymmetrical refractory vernal keratoconjunctivitis treated with supratarsal triamcinolone injection and bandage contact lens: A case series

A. Gour, U. Mathur, H. Bashir [INDIA](#)

Indications and outcomes of penetrating keratoplasty done in children < 16 years of age

S. Hussain [INDIA](#)

Rare presentation: Axenfeld-Rieger syndrome in a young girl

M. Killedar [INDIA](#)

To evaluate effectivity of silicone intubation using ritteng probe and indigenously made ritteng suture for congenital dacryostenosis

A. Mohamed, R. Dhakal, M. Ramappa, S. Jalali, S. Chaurasia [INDIA](#)

Corneal endothelial cell density in congenital iridolenticular choroidal coloboma associated with microcornea

N. Potdar, R. Desai, A. Palkar [INDIA](#)

Bilateral persistent pupillary membrane in an 11 year old

A. Ramkumar, M. Muthumalai, B. Mukherjee, S. Agarkar [INDIA](#)

Congenital microphthalmos with orbital cysts

S. Sule, D. Shome [INDIA](#)

Paediatric ocular injuries

V. Une, R. Rathi, K. Khaire [INDIA](#)

Prevalence of strabismus in children (0-18) with refractive errors

V. Une, V. Nandedkar, S. Kulkarni, R. Tipnis [INDIA](#)

Penetrating keratoplasty in a 7 month old girl

Cataract

N. Bobrova, A. Dembovetskaya [UKRAINE](#)

To do primary posterior capsulorhexis with vitrectomy in infant congenital cataract implantation surgery, or not to do

N. Bobrova [UKRAINE](#)

Pupilloplasty in congenital pupil distortion, combined with pupillary-iris-lens membrane

O. Ceylan [TURKEY](#)

Congenital cataract with 27 gauge vitrectomy system

B. Dey [INDIA](#)

Paediatric cataract surgery in an economically backward state of India: Outcome and challenges, how far is the dream?

G. Fijalkowska, E. Filipek, L. Nawrocka [POLAND](#)

Simultaneous surgery for bilateral congenital cataracts: A case report

P. Ghalla, J. Matalia, P. Panmand [INDIA](#)

Effectiveness of absorbable vs nonabsorbable sutures in paediatric cataract surgery

D. Jain, K. Natarajan, S. Ravishankar [INDIA](#)

Nd:YAG capsulotomy under general anaesthesia

D. Jain, S. Agarkar [INDIA](#)

Surgical outcomes of patients of posterior lenticonus at a tertiary centre in India

A. Kumar [INDIA](#)

Retro-pupillary implantation of the iris claw intraocular lens in children

M. Kuntorini [INDONESIA](#)

Clinical manifestation of congenital rubella syndrome in national eye centre Cicendo eye hospital Indonesia

M. Mameesh, N. Al Shakankiri, E. Gaber, A. Kenawy, H. Hussein [OMAN](#)

A study of the effect of optic-haptic junction design of hydrophobic acrylic IOL on IOL alignment and stability in paediatric age group

S. Paralkar Sobti, H. Soeldner [UK](#)

Outcomes of paediatric cataract surgery in a tertiary care centre

N. Pawar, M. Ravindran, A. Bisani [INDIA](#)

Lens thickness in different morphological paediatric cataract: Paediatric biometry by IOL master 700

V. Rajput, J. Matalia, A. Parkhe [INDIA](#)

Is the eye with unilateral paediatric cataract really myopic? Secret finally revealed

S. Ravilla, V. Perumalsamy [INDIA](#)

Ten year analysis of trend in presentation of paediatric cataract in a tertiary eye care centre

C. Ribeiro Koch Pena, N. Jose Kara Junior, M. Tartarella [BRAZIL](#)

Analysis of refractive outcomes of primary intraocular lens implantation in paediatric cataracts

POSTER PRESENTATIONS

C. Ribeiro Koch Pena, M. Morales Ballus [BRAZIL](#)
Subcapsular posterior cataract in Warg syndrome

S. Shah, M. Shah, K. Patel, S. Gosai, C. Rathod [INDIA](#)
Visual outcome of cataract in paediatric age group:
Does etiology have a role?

V. Singh, R. Kekunnaya [INDIA](#)
Profile of congenital cataract in the first year of life
in a tertiary care centre

P. Tayde, V. Kemmanu, P. Rathod, H. Rao, C. Jayadev [INDIA](#)
Management of lens anomalies in children: Practice
patterns of paediatric ophthalmologists in India and
a brief review of literature

K. Tyagi [INDIA](#)
Vitrectorhexis: A naive technique to manage thick
calcified capsule in paediatric cataracts

Genetics

D. Bremond-Gignac, F. Salviat, Z. Mincheva, N. De Vergnes, C. Denier, S. Michel, M. Robert [FRANCE](#)
Congenital aniridia study of Ophthara French
referral center

J. Huey, L. Mattioli, V. Jurisic Friberg, K. Nischal [USA](#)
Anterior segment anomalies in a family with a novel
BEST1 variant

M. Mameesh, A. Ganesh, S. Al Zuhairi, B. Harikrishna, K. Althihli, P. Scott [OMAN](#)
Membrane frizzled-related protein (MFRP) related
ocular phenotype and glycogen storage disease
(GSD) type IB in three siblings: A clinicogenetic study

S. Nigam, A. Choudhary [INDIA](#)
Asymmetric alluring eyes vs clefts and tags

K. Palumaa, K. Somma, S. Ismagilova [ESTONIA](#)
Stickler syndrome: A case report of the first genetically
confirmed patient in Estonia

B.H. Pramono, A.A. Amra, F. Aldy [INDONESIA](#)
Waardenburg syndrome type IV: a rare case

I. Verçosa, E. Ribeiro, M. Tartarella, P. Carneiro, R. Girao, I. Gonsales, P. Veraosa [BRAZIL](#)
Ophthalmological features in Goltz syndrome:
A case report

Glaucoma

S. Badakere, S. Senthil, A. Mandal [INDIA](#)
Profile of paediatric glaucoma in a South Indian tertiary
care eye institute

S. Badakere, S. Senthil, A. Mandal, B. Rao, N. Choudhari, D. Garudadri [INDIA](#)
Icare pro tonometer in the management of paediatric
glaucoma with clear cornea

S. Deshmukh, S. Senthil [INDIA](#)
Outcomes of lensectomy in eyes with spherophakia
and secondary glaucoma

R. Khadse, D. Dabke, P. Pawar, M. Maheshwari, M. Ravindran [INDIA](#)
Ocular hypertensive response to ocular steroids in
paediatric patients in South Indian population:
A prospective case series

R. Krishnamurthy, S. Senthil, S. Badakere, A. Mandal, H. Rao [INDIA](#)
Precision and accuracy of icare-pro tonometer in eyes
with paediatric glaucoma with corneal scarring

V. Pai, K. Reddy [INDIA](#)
Congenital hereditary endothelial dystrophy
with glaucoma

B. Pasyanthi, S. Senthil [INDIA](#)
Steroid induced glaucoma and blindness associated
with vernal keratoconjunctivitis

Low Vision/Vision Rehabilitation

S. Bhaskaran, V. Perumalsamy, J. Flora [INDIA](#)
Hospital based study of children with visual impairment
who availed vision rehabilitation services in a year

K. Bhushan, B. Christy [INDIA](#)
Early intervention services for children with vision loss
and developmental delay: LVPEI model

R. Carelli, C. Plaitano, F. Gioele Gallo, P. Napoli, P. Esposito Veneruso, E. Chiariello Vecchio, A. Magli [ITALY](#)
Refractive status in exotropic patients; follow-up < 5 years

T. Kar, G. Amit Shah, J. Flora H, V. Perumalsamy [INDIA](#)
Periventricular leukomalacia in preterm and term
infants: A comparative analysis

S. Monira [INDIA](#)
Assessment of reading speed and copying speed for
distance by using monocular hand held telescope in
children with low vision

S. Parija [INDIA](#)
Spectacle wear compliance among school children in
rural eastern India

V. Rajput, S. Kannan, B. Shetty [INDIA](#)
Beyond just treatment: a comprehensive guide to set
up visual rehabilitation for every practice

A. Sahu, D. Agrawal, P. Bhatia [INDIA](#)
Correlation between improvement in visual acuity and
quality of life with low vision aids

Q. Sazzad Iftekhhar, N. Haque Kallol, S. Toufiq, T. Rahman, M. Mostafa Hossain, M. Khatun [BANGLADESH](#)
Ocular findings and visual rehabilitation in Bardet Biedl
syndrome: An overview in a tertiary eye care centre
of Bangladesh

POSTER PRESENTATIONS

Neuro Ophthalmology

A. Bichpuria, A. Mohan [INDIA](#)

Cranial neuralgia in a 2 year old child

Z. Chaudhuri, G. Rana, V. Dhikav, R. Dhamija, R. Jain [INDIA](#)

Visual functions in Alzheimer's dementia (AD)

R. Desai, S. Dadia, C. Shinde [INDIA](#)

A descriptive observational study of spectrum of ocular manifestations in patients following cerebrovascular accidents

R. Desai, S. Aulakh, C. Shinde [INDIA](#)

Cortical visual impairment following hypoxic ischaemic encephalopathy post cardiac arrest in a child with salmonella myocarditis: A case report

H. Gupta, P. Shah, S. Pungavkar, R. Jalali [INDIA](#)

Brain tumor with Empty Sella syndrome: A rare and complex neuro-ophthalmic presentation

S. Katukuri, P. Chhablani [INDIA](#)

Paediatric oculomotor nerve paralysis: Demographic profile, etiology and outcomes over a long term follow up in a tertiary eye care centre

N. Kaur, S. Shetty [INDIA](#)

Management of head posture in a case of supranuclear gaze palsy

S. Kesarwani, R. Dodeja [INDIA](#)

Traumatic superior orbital fissure syndrome (TSOFS): A rare outcome of orbital trauma

R. Khadse, M. Maharajan, P. Pawar, R. Ravindran [INDIA](#)

Paediatric cranial nerve palsies: A case series

R. Khurana, S. Ganesh, S. Sharma, B. Wallang [INDIA](#)

Predisposing factors and ophthalmic manifestations in children with periventricular leucomalacia presenting to a tertiary eye care centre in Northern India

S. Madan, Z. Chaudhuri [INDIA](#)

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Hyderabad - 500 081

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Email: wspos@wspos.org

Opening Hours

Registration

Friday 1 December	6.00 am – 6.30 pm
Saturday 2 December	6.00 am – 6.30 pm
Sunday 3 December	6.00 am – 6.30 pm

Speaker Check-in

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All speakers must check in their presentation 3 hours prior to their session, at the Speaker Check-in room

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Cloakroom

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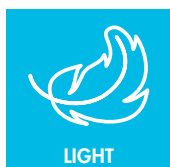
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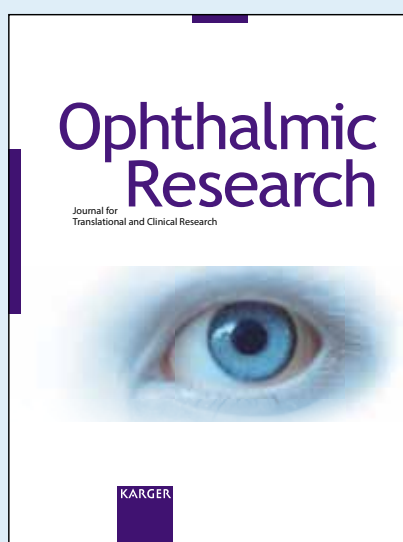
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MORNING SYMPOSIUM

Hall 5

07.00 – 08.00

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12.45 – 13.30

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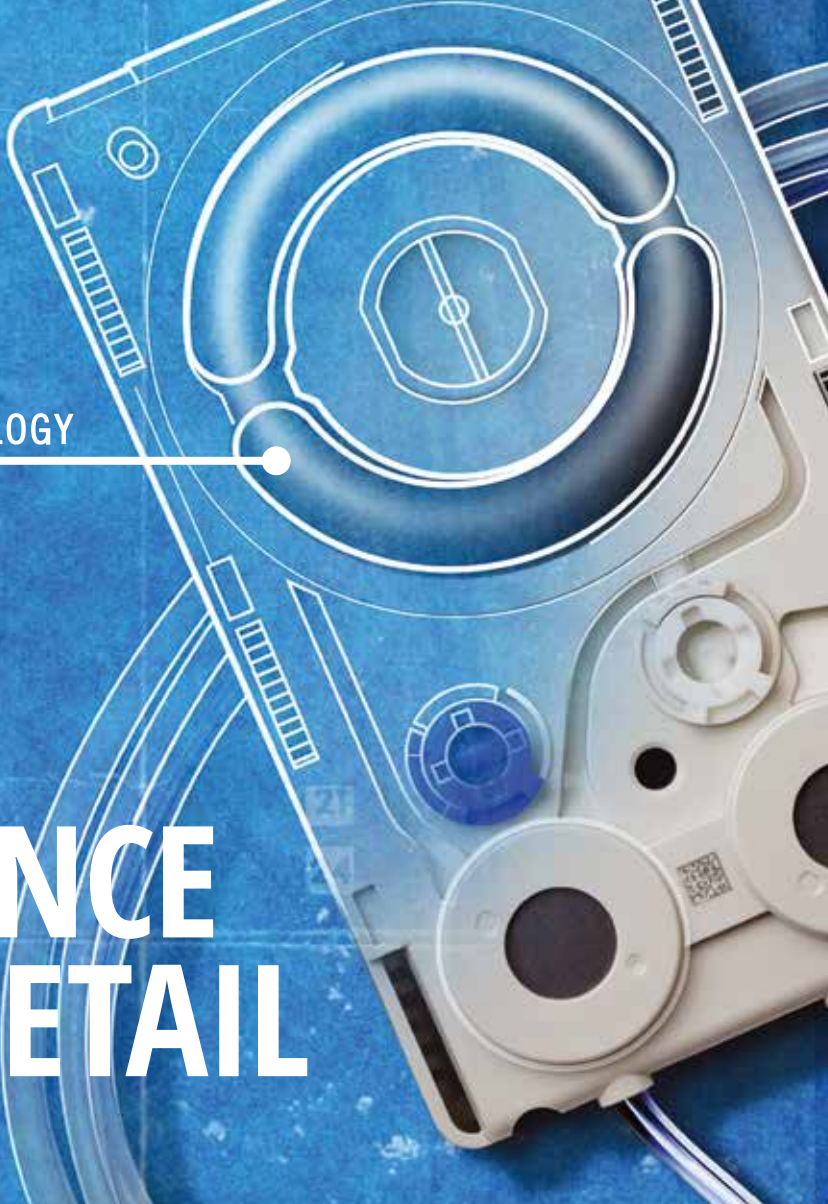
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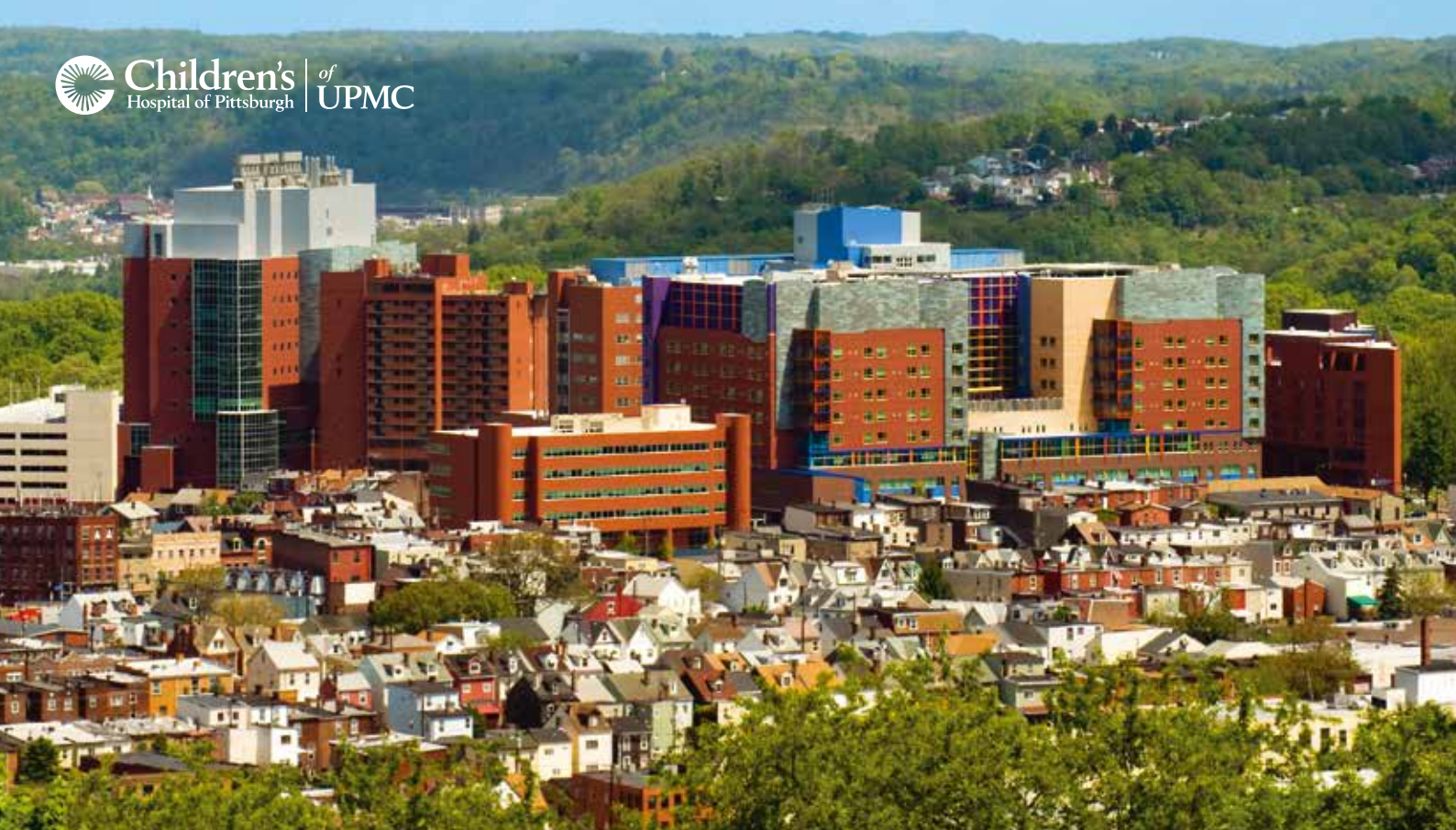
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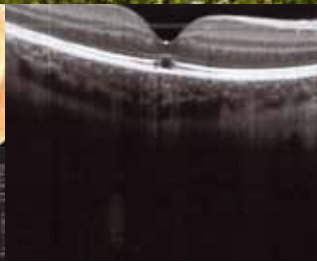
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