WCPOS IV
4th World Congress of Paediatric Ophthalmology and Strabismus

Programme
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
Message from the Executive Bureau 2
Message from the Local Host President 3
Scientific Programme Overview 4
Keynote Lectures 7
Scientific Sessions – Friday 9
Scientific Sessions – Saturday 23
Scientific Sessions – Sunday 41
Poster Presentations 55
Video Competition 63
General Information & Sponsors 68
Congress Centre Floorplan 70
Exhibition 72
EuroTimes Satellite Education Programme 74
Index 77
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
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 Ghosht Biriyani 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 Hyderabadi 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
<table>
<thead>
<tr>
<th>Time</th>
<th>Hall 1</th>
<th>Hall 2</th>
<th>Hall 3</th>
<th>Hall 4</th>
<th>Hall 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00</td>
<td>Paediatric Ophthalmology &amp; Strabismus: An Indian Perspective</td>
<td>Oculoplastics To Die For Workshop 1</td>
<td>Practical Strabismus Pearls Workshop 101</td>
<td>Retinoblastoma Classifications &amp; Staging</td>
<td>Collagen Cross-Linking in Children</td>
</tr>
<tr>
<td></td>
<td>V. Rao Bhoompally, J. Sukhilja, Y. Shukla, S. Ganesh India</td>
<td>M. Parulekar, UK</td>
<td>D. Granet, USA</td>
<td>A. Singh, USA</td>
<td>K.K. Nischal, USA/Jak Jhanji</td>
</tr>
<tr>
<td>09.00</td>
<td></td>
<td>Oculoplastics To Die For Workshop 2</td>
<td>Practical Strabismus Pearls Workshop 102</td>
<td>Retinoblastoma Treatments</td>
<td>Congenital Corneal Opacity Nomenclature</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M. Parulekar, UK</td>
<td>D. Granet, USA</td>
<td>A. Singh, USA</td>
<td>K.K. Nischal, USA/Jak Jhanji</td>
</tr>
<tr>
<td>10.00</td>
<td>Live Surgery</td>
<td>Oculoplastics To Die For Workshop 3</td>
<td>Practical Strabismus Pearls Workshop 103</td>
<td>Essentials of Lids &amp; Orbits: Tumors &amp; Deformities</td>
<td>Paediatric Dry Eye Workshop</td>
</tr>
<tr>
<td></td>
<td>S. Gopal, M. Killedar, India</td>
<td>M. Parulekar, UK</td>
<td>D. Granet, USA</td>
<td>R. Murphy, India</td>
<td>K.K. Nischal, USA/D. Granet</td>
</tr>
<tr>
<td>11.00</td>
<td></td>
<td></td>
<td></td>
<td>W. Katowitz, USA</td>
<td></td>
</tr>
<tr>
<td>12.00</td>
<td>JAM Session: R. Kekunnaya, India</td>
<td>Coffee Break</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.00</td>
<td>Keynote Non-Strabismus Lecture: Lea Hyvarinen, Finland</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>A. Adio, Nigeria, P. V. Vijayakshmi, India</td>
<td>D.J. Salchow, Germany, R. Bhole, USA</td>
<td>L. Dagi, USA, N. Goldberg-Cohen, Israel</td>
<td>R. Kekunnaya, India</td>
<td></td>
</tr>
<tr>
<td>17.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>S. Shehry, India</td>
</tr>
<tr>
<td>17.30</td>
<td>Key Free Papers: Genetics</td>
<td>Key Free Papers: Cataract</td>
<td>Intraocular Tumors</td>
<td>Key Free Papers: Eye Movements &amp; Strabism</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Z. Chaudhuri, A. Khan, UAE</td>
<td>W. Moore, UK, S. El-Mulki, Jordan</td>
<td>A. Singh, USA</td>
<td>L. A. Lope, M. Kathari, India</td>
<td></td>
</tr>
<tr>
<td>18.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Welcome Drinks Reception, Sitar Performance by Akhila Acharya</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Presented Posters** Poster Village, 10.00–11.00 (p13), 11.30–12.30 (p15), 15.30–16.30 (p17)
<table>
<thead>
<tr>
<th>Time</th>
<th>Hall 1</th>
<th>Hall 2</th>
<th>Hall 3</th>
<th>Hall 4</th>
<th>Hall 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00</td>
<td>Seminars in Strabismus Part 1: Image Techniques</td>
<td>Navigating the Interface Between the Adult &amp; Paediatric Worlds</td>
<td>Free Papers Mixed Session 1</td>
<td>Essential or Pathognomonic Signs in Medical Retina</td>
<td>Connectivity Bureau</td>
</tr>
<tr>
<td></td>
<td>M. Pihlidal USA, L. Kodali Australia F.G. Velcz USA, M. Holmes USA</td>
<td>A. Malikthi Greece, S. Hadipurka INDIA, N. Sharmaji India, R. Trivedi USA, M. Morales Spain</td>
<td>B. Mangu UK, J. Yam Hong Kong</td>
<td>B. Lorenz Germany, K. Olsen USA</td>
<td></td>
</tr>
<tr>
<td>09.00</td>
<td>Seminars in Strabismus Part 2: Re-emergence of Older Techniques</td>
<td>Part 2: Special Cases – Cases &amp; Pearls</td>
<td>Part 2: Interventions</td>
<td>Key Free Papers Retina</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R. Hertle, L. Abeli Australia</td>
<td>V. Gupta INDIA, A. Sollu, Spain</td>
<td>A. Chia SINGAPORE, P. Chong Wu TAIWAN, A. Graybowski Poland</td>
<td>R. Henderson UK, T. Padhi INDIA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R. Hertle, L. Abeli Australia</td>
<td>Part 2: Special Cases – Cases &amp; Pearls</td>
<td>Part 2: Interventions</td>
<td>L. Welinder DENMARK, M. Andersson Grönlund SWEDEN</td>
<td></td>
</tr>
<tr>
<td>11.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.00</td>
<td>JAM Session: K.K. Nischal USA/UK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.00</td>
<td>Keynote Kanski Medal Lecture Harmander Dua UK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.00</td>
<td>The Great Debate: Retinopathy of Prematurity</td>
<td>Paediatric Cataract Case Discussion</td>
<td>Optic Neuropathies Update: It’s Way More Complicated</td>
<td>Free Papers Mixed Session 2</td>
<td>Paediatric Ocular Trauma</td>
</tr>
<tr>
<td>15.00</td>
<td>The Great Debate: Managing Accommodative Esotropia</td>
<td>essentials for Paediatric Ocular Surface Disease</td>
<td>Electrodiagnostics Case-Based Evaluation</td>
<td>Free Papers Mixed Session 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C. Morgan USA, K. McMain CANADA</td>
<td>V. Sangwan INAN, V. Jhanji USA</td>
<td>A. Liapis UK/GREECE, M. Tekavcic, Pompel Slovenia</td>
<td>M. Forrest, Australia, S. Ko HONG KONG</td>
<td></td>
</tr>
<tr>
<td>16.00</td>
<td>The Great Debate: Managing Intermittent Exotropia</td>
<td>Paediatric Cornea: Making it Crystal Clear</td>
<td>Paediatric Surgical Retina</td>
<td>Thyroid Eye Disease &amp; Myositis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>G. Gole, M. de Monte Brazil</td>
<td>G. Zaidman USA, P. Vaddavalli India</td>
<td>CK. Patel UK, W.C. Lam HONG KONG</td>
<td>D. Granet USA, S. Rath INDA</td>
<td></td>
</tr>
<tr>
<td>17.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18.30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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)
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

Children’s Hospital of Pittsburgh of UPMC
Hall 1
08.00 – 11.00
Symposium
Paediatric Ophthalmology & Strabismus: An Indian Perspective

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

Session 1
08.00 – 09.30
Chairpersons: V. Rao Bhoompally 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. Bhave 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. Mohney USA
S.L. Robbins USA
P. Patli-Chhablani INDIA
M. Goldschmit 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
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Affiliation</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.00</td>
<td>S. Abbagani</td>
<td>INDIA</td>
<td>Refractive outcome of intraocular lens implantation in children with cataract below five years of age</td>
</tr>
<tr>
<td>10.02</td>
<td>D.J. Salchow</td>
<td>GERMANY</td>
<td>Molecular characteristics of primary paediatric lens epithelial cells</td>
</tr>
<tr>
<td>10.04</td>
<td>S. Aulakh</td>
<td>INDIA</td>
<td>A study of postoperative outcome in paediatric cataract surgery in a tertiary care hospital</td>
</tr>
<tr>
<td>10.06</td>
<td>A. Khadia</td>
<td>INDIA</td>
<td>Post-operative outcome of secondary IOL implantation with posterior optic capture in posterior capsulorhexis, in paediatric age group</td>
</tr>
<tr>
<td>10.08</td>
<td>P. Chaugule</td>
<td>INDIA</td>
<td>Follow-up patterns and associated factors after paediatric cataract surgery in the visually developing age group over 5 years</td>
</tr>
<tr>
<td>10.10</td>
<td>D. Joshi</td>
<td>INDIA</td>
<td>Prognostic factors in children with congenital cataract associated with congenital rubella syndrome</td>
</tr>
<tr>
<td>10.12</td>
<td>S. Sharma</td>
<td>INDIA</td>
<td>Impact of congenital cataract on caregiver’s quality of life</td>
</tr>
<tr>
<td>10.14</td>
<td>A. Badakere</td>
<td>INDIA</td>
<td>Quality of paediatric cataract surgery: A comparison of surgical techniques between paediatric ophthalmology consultants and paediatric ophthalmology fellows in training: a video-based analysis</td>
</tr>
<tr>
<td>10.16</td>
<td>M. Negalur</td>
<td>INDIA</td>
<td>Refractive and visual status of the good eye in children with unilateral cataract</td>
</tr>
<tr>
<td>10.18</td>
<td>W. Moore</td>
<td>UK</td>
<td>Infantile cataract surgery performed in a tertiary setting: visual and refractive outcomes</td>
</tr>
<tr>
<td>10.20</td>
<td>C.L. Demasi</td>
<td>ITALY</td>
<td>Strabismus and visual outcome in infant following bilateral congenital cataract surgery</td>
</tr>
<tr>
<td>10.22</td>
<td>N. Shah</td>
<td>INDIA</td>
<td>Is there any role for endoilluminator in paediatric cataract surgery? Beginner’s perspective</td>
</tr>
<tr>
<td>10.24</td>
<td>V. Gokhale</td>
<td>INDIA</td>
<td>Accuracy of IOL power undercorrection in children undergoing primary IOL implantation using manual undercorrection vs automated biometry</td>
</tr>
<tr>
<td>10.26</td>
<td>S. Yangzes</td>
<td>INDIA</td>
<td>Outcome of unilateral congenital/developmental cataract surgery with intraocular lens implantation in the first four years of life</td>
</tr>
<tr>
<td>10.28</td>
<td>A. Chandra</td>
<td>USA</td>
<td>Axial Length Growth (ALG) in normal infant eyes in contrast to ALG in children with unilateral and bilateral cataracts</td>
</tr>
<tr>
<td>10.30</td>
<td>V. Dave</td>
<td>INDIA</td>
<td>Surgical and refractive outcomes of sutured scleral-fixated intraocular lens in paediatric patients at a tertiary eye care centre</td>
</tr>
<tr>
<td>10.32</td>
<td>V. Vasavada</td>
<td>INDIA</td>
<td>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</td>
</tr>
<tr>
<td>10.34</td>
<td>V. Vasavada</td>
<td>INDIA</td>
<td>Long-term outcomes following secondary intraocular lens implantation in eyes with primary aphakia</td>
</tr>
<tr>
<td>10.36</td>
<td>M. Guerreiro</td>
<td>GERMANY</td>
<td>Structural brain changes in cataract-reversal individuals</td>
</tr>
<tr>
<td>10.38</td>
<td>S. Sourav</td>
<td>GERMANY</td>
<td>Evidence for preserved retinotopic organisation of early visual cortex but impaired extrastriate processing in sight recovery individuals</td>
</tr>
<tr>
<td>10.40</td>
<td>M. Negalur</td>
<td>INDIA</td>
<td>Refractive and visual status of the good eye in children with unilateral cataract</td>
</tr>
<tr>
<td>10.42</td>
<td></td>
<td></td>
<td>Discussion</td>
</tr>
<tr>
<td>11.00</td>
<td></td>
<td></td>
<td>End of session</td>
</tr>
</tbody>
</table>
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 dacryocystocele 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
FRIDAY 1 DECEMBER

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

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
Interior 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
Myotomy 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
14.15 – 14.30

Unique Perspectives, Bold Beginnings – WSPOS

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

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. Nishanthi  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. Mouttapa  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
FRIDAY 1 DECEMBER

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. Schichtkowski 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


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
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 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
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 myoscleropexia: 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
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 ecstasia 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
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

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
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. Liassis 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 keratoconjunctivitis (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. Salvat **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?
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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.45</td>
<td>N. Tehrani</td>
<td>CANADA</td>
</tr>
<tr>
<td>13.55</td>
<td>M. Morales Ballus</td>
<td>SPAIN</td>
</tr>
<tr>
<td>14.05</td>
<td>P. Nucci</td>
<td>ITALY</td>
</tr>
<tr>
<td>14.15</td>
<td>M. Serafino</td>
<td>ITALY</td>
</tr>
<tr>
<td>14.25</td>
<td>M. Tartarella</td>
<td>BRAZIL</td>
</tr>
<tr>
<td>14.35</td>
<td>J. Ram</td>
<td>INDIA</td>
</tr>
<tr>
<td>14.45</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>15.15</td>
<td>End of session</td>
<td></td>
</tr>
</tbody>
</table>

#### Hall 3

13.45 – 15.15

**Symposium**

**Optic Neuropathies Update: It’s Way More Complicated**

Chairpersons:  
- D. Milea **SINGAPORE**
- J. Matalia **INDIA**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.45</td>
<td>R. Gandhi</td>
<td>USA</td>
</tr>
<tr>
<td>13.57</td>
<td>S. Kashii</td>
<td>JAPAN</td>
</tr>
<tr>
<td>14.09</td>
<td>J. Matalia</td>
<td>INDIA</td>
</tr>
<tr>
<td>14.15</td>
<td>P. Nucci</td>
<td>ITALY</td>
</tr>
<tr>
<td>14.25</td>
<td>M. Serafino</td>
<td>ITALY</td>
</tr>
<tr>
<td>14.35</td>
<td>J. Ram</td>
<td>INDIA</td>
</tr>
<tr>
<td>14.45</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>15.15</td>
<td>End of session</td>
<td></td>
</tr>
</tbody>
</table>
Hall 4
13.45 – 15.15

Free Papers: Mixed Session 2

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

13.45  M. Banerjee INDIA
Visual experiences in children after first time spectacle wear in a tertiary eye care centre of South India

13.51  K. Veena INDIA
Screening one million children for visual impairment and blindness: a community based model

13.57  A. Elkamshousy EGYPT
A single blind randomized controlled trial comparing the efficacy of topical antibiotic steroid combination versus no treatment after strabismus surgery

14.03  S. Ziylan TURKEY
Long-term outcome of high hyperopes vs very high hyperopes

14.09  P. Kumar Singh INDIA
Effectiveness of home based computer i-Net program in improving the visual outcome in 5 to 17 years old amblyopes

14.15  M. Asferaw ETHIOPIA
Causes of severe visual impairment (SVI) and blindness in students in schools for the blind in Northwest Ethiopia

14.21  T. Tsybulska UKRAINE
Phenotypic markers of connective tissue dysplasia in children of different age with acquired myopia

14.27  M. Kothari INDIA
Estimation dynamic distance direct ophthalmoscopy: a novel, objective method for the quantitative assessment of accommodation in young children

14.33  V. Warkad INDIA
Tribal Odisha India Eye Disease Study (TOES) #1. Prevalence and causes of visual impairment among tribal children in an urban school in Eastern Odisha

14.39  N. Ferdausi BANGLADESH
Knowledge and practice pattern of school teachers regarding refractive error in selected schools in Bangladesh

14.45  A.N.J. Malik UK
Reducing visual loss in children in low-income settings through primary healthcare interventions

14.51  A.M. Hinds UK
Visual outcomes in children with syndromic craniosynostosis

14.57  Discussion

15.15  End of session
SATURDAY 2 DECEMBER

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 1st year of life

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

14.04  
S. Kulkarni INDIA
Impoverishment and lack of services: issues faced by families of children blind from retinopathy of prematurity

14.06  
R. Sumalini INDIA
Quantifying visual acuity in children with multiple disabilities

14.08  
S. Bhaskaran INDIA
Protocol development and its application for functional and cognitive vision assessment in children with autism spectrum disorders

14.10  
G. Shah INDIA
Study of risk factors, ophthalmic manifestations, visual and developmental outcome in children with radiologically proven periventricular leukomalacia

14.12  
N. Pehere INDIA
Profile of children with cerebral visual impairment at a tertiary care centre in South India

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

14.22  
K. Bhattacharya INDIA
Nystagmus: the parent’s perspective

14.24  
G. Fijalkowska POLAND
The usefulness of assessing the thickness of retinal ganglion cell complex in optic neuritis in children

14.26  
A. Davis USA
The association of isolated sagittal synostosis with Arnold Chiari malformation

14.28  
T.P. Kandyala INDIA
Clinical profile of juvenile ocular myasthenia at a tertiary eye care centre in Eastern India

14.30  
K. Nanda USA
Strabismus and other ocular findings in metachromatic leukodystrophy

14.32  Discussion

15.00  End of session
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. Mehyar 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
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
Free Papers: Mixed Session 3

Chairpersons: M. Forrest AUSTRALIA
               S. Ko HONG KONG

15.25  M. Khatoon 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 fixed 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. Chandatreya 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
Saturdays 2 December

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 dacryocystitis 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 esotropia 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. Lakshmipathy  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
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. Aclimandos 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
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. Mojoni 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
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
Retraction 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
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
SUNDAY 3 DECEMBER

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. Vijayolakshmi 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
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
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. Bhave** **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 Goriparthy 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
14.24  **A. Mataftsi**  GREECE  
Retinopathy of prematurity: incidence and associated risk factors in a referral center of Northern Greece

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

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

14.30  **C.H.Y. Lai**  HONG KONG  
Avastin (bevacizumab) use in retinopathy of prematurity: a Hong Kong 3 year review

14.32  **S. Jalali**  INDIA  
Clinical features and outcomes of day one postnatal screening for familial exudative vitreoretinopathy in siblings/offspring

14.34  Discussion

15.00  End of session

---

**Key Free Papers: Amblyopia**

**Chairpersons:**  J. Holmes  USA  
J. Jethani  INDIA

15.20  **S. Kaur**  INDIA  
Optical coherence tomography angiography in anisometropic amblyopia

15.26  **A. Vagge**  ITALY  
Visual improvement in adult amblyopic eye following treatment-induced vision loss in the dominant eye with uveal melanoma

15.32  **S. Bhat**  INDIA  
Response to management of uncorrected latent hypermetropia in adolescents with recurrent headache: a prospective study

15.38  Discussion

15.50  End of session
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. Medsinge 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. Ferdous 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 outpatient 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. Trilinig, 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. Trilinig, 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 pediatric 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. Khare India
Prevalence of amblyopia in children having refractive errors

PREVENTION AND MANAGEMENT OF AMBLYOPIA IN CHILDREN
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

Congenital aniridia study of Ophtara 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 Zuhaibi, 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

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 Iftekhar, 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
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neuro Ophthalmology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cranial neuralgia in a 2 year old child</td>
<td>A. Bichpuria, A. Mohan</td>
<td>India</td>
</tr>
<tr>
<td>Visual functions in Alzheimer’s dementia (AD)</td>
<td>Z. Chaudhuri, G. Rana, V. Dikav, R. Dhamija, R. Jain</td>
<td>India</td>
</tr>
<tr>
<td>Cortical visual impairment following hypoxic ischaemic encephalopathy post cardiac arrest in a child with salmonella myocarditis: A case report</td>
<td>R. Desai, S. Dadia, C. Shinde</td>
<td>India</td>
</tr>
<tr>
<td>Brain tumor with Empty Sella syndrome: A rare and complex neuro-ophthalmic presentation</td>
<td>H. Gupta, P. Shah, S. Pungavkar, R. Jalali</td>
<td>India</td>
</tr>
<tr>
<td>Paediatric oculomotor nerve paralysis: Demographic profile, etiology and outcomes over a long term follow up in a tertiary eye care centre</td>
<td>S. Katukuri, P. Chhablani</td>
<td>India</td>
</tr>
<tr>
<td>Management of head posture in a case of supranuclear gaze palsy</td>
<td>N. Kaur, S. Shetty</td>
<td>India</td>
</tr>
<tr>
<td>Traumatic superior orbital fissure syndrome (TSOFS): A rare outcome of orbital trauma</td>
<td>S. Kesarwani, R. Dodeja</td>
<td>India</td>
</tr>
<tr>
<td>Paediatric cranial nerve palsies: A case series</td>
<td>R. Khadse, M. Maharajan, P. Pawar, R. Ravindran</td>
<td>India</td>
</tr>
<tr>
<td>Paediatric cranial nerve palsies: A case series</td>
<td>R. Khurana, S. Ganesh, S. Sharma, B. Wallang</td>
<td>India</td>
</tr>
<tr>
<td>Optic neuritis with cerebral venous thrombosis (CVT) as a marker of auto-immune thyroiditis</td>
<td>S. Madan, Z. Chaudhuri</td>
<td>India</td>
</tr>
<tr>
<td>Awareness of cortical visual impairment in children among ophthalmologists of Northern India</td>
<td>A. Maitreya, D. Rawat, S. Pandey</td>
<td>India</td>
</tr>
<tr>
<td>Primitive neuroectodermal tumor (PNET): Disclosing the secret of a rossette!</td>
<td>S. Malu, M. Madan, C. Changole</td>
<td>India</td>
</tr>
<tr>
<td>Clinical profile of paediatric idiopathic intracranial hypertension (IH) at tertiary eye care centre: A case series</td>
<td>S. Mishra, V. Warkad, P. Chhabalani, R. Kekunnaya</td>
<td>India</td>
</tr>
<tr>
<td>Dilemmas in managing optic pathway glioma</td>
<td>S. Mohd Khalidin, M. Ami, L. Ckhai</td>
<td>Malaysia</td>
</tr>
<tr>
<td>Conversion in Leber’s hereditary optic neuropathy (IHON)</td>
<td>M. Moreker, T. Sharma, S. Khadilkar, V. Pardasani, A. Hutchche, B. Singhal, R. Patel</td>
<td>India</td>
</tr>
<tr>
<td>Aicardi’s syndrome: Subtle signs, rare diagnosis</td>
<td>H. Pagad, R. Rai, S. Shinde, S. Shanbhag, S. Shirwadkar</td>
<td>India</td>
</tr>
<tr>
<td>Clinicoradiological features and their prognosticating factors in children with cortical visual impairment</td>
<td>P. Panmand, J. Matalia, P. Shah</td>
<td>India</td>
</tr>
<tr>
<td>Bilateral paediatric optic neuritis: Data from the Indian subcontinent</td>
<td>P. Patil-Chhablani, A. Badakere, R. Kekunnaya, V. Sachdeva, V. Warkad</td>
<td>India</td>
</tr>
<tr>
<td>A comparison of the neuroimaging features of cerebral visual impairment in children with Balint syndrome and those without</td>
<td>S. Philip, S. Mani, V. J. G. Dutton</td>
<td>India</td>
</tr>
<tr>
<td>Clinical profile of ocular cranial neuropathies at tertiary eye care centre</td>
<td>S. Phuljhele Aalok, M. Sharma, S. Kusiyat, R. Dhiman, R. Saxena, P. Sharma</td>
<td>India</td>
</tr>
<tr>
<td>Optic nerve aplasia: A case report</td>
<td>V. Rajput, C. Aroor, B. Shetty</td>
<td>India</td>
</tr>
<tr>
<td>A case series of sixth nerve palsy in tertiary eye care hospital</td>
<td>K. Sai Rani, G. Agarwal, N. Harshney</td>
<td>India</td>
</tr>
<tr>
<td>Review of 6 cases of paediatric myesthenia gravis in the Indian population</td>
<td>H. Samant</td>
<td>India</td>
</tr>
<tr>
<td>Ophthalmoplegic migraine presenting as acute onset intermittent esotropia</td>
<td>T. Sharma, M. Moreker, S. Khadilkar, N. Bharucha, C. Deepuji, V. Karmarkar, B. Singhal</td>
<td>India</td>
</tr>
<tr>
<td>A study of etiology, clinical features of non-glaucomatous optic nerve head disorders (neuro-ophthalmological disorders) in a tertiary care hospital in Mumbai</td>
<td>V. Warkad, S. Sutar, A. Badakare, R. Kekunnaya</td>
<td>India</td>
</tr>
<tr>
<td>A comparison of the neuroimaging features of cerebral visual impairment in children with Balint syndrome and those without</td>
<td>S. Sadasivan, N. Pawar, K. Sreenivasan, M. Ravindran, R. Rengappa</td>
<td>India</td>
</tr>
<tr>
<td>Optic nerve aplasia: A case report</td>
<td>K. Sai Rani, G. Agarwal, N. Harshney</td>
<td>India</td>
</tr>
<tr>
<td>A case series of sixth nerve palsy in tertiary eye care hospital</td>
<td>H. Samant</td>
<td>India</td>
</tr>
<tr>
<td>Review of 6 cases of paediatric myesthenia gravis in the Indian population</td>
<td>H. Samant</td>
<td>India</td>
</tr>
<tr>
<td>Ophthalmoplegic migraine presenting as acute onset intermittent esotropia</td>
<td>T. Sharma, M. Moreker, S. Khadilkar, N. Bharucha, C. Deepuji, V. Karmarkar, B. Singhal</td>
<td>India</td>
</tr>
<tr>
<td>A study of etiology, clinical features of non-glaucomatous optic nerve head disorders (neuro-ophthalmological disorders) in a tertiary care hospital in Mumbai</td>
<td>V. Warkad, S. Sutar, A. Badakare, R. Kekunnaya</td>
<td>India</td>
</tr>
<tr>
<td>Clinical and treatment outcomes of accommodative spasm (AS) in tertiary eye care centre</td>
<td>V. Warkad, S. Sutar, A. Badakare, R. Kekunnaya</td>
<td>India</td>
</tr>
</tbody>
</table>

**Orbit and Lids**

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>White-eyed-blow-out fractures (WEBOF) in children: Clinical profile and surgical outcome</td>
<td>A. Barh, B. Mukherjee</td>
<td>India</td>
</tr>
<tr>
<td>Pop up eye: Post traumatic paediatric globe luxation: Clinical presentation, ocular manifestations and outcome</td>
<td>M. Changoane, A. Madan, N. Gaddewar, M. Vyavhare</td>
<td>India</td>
</tr>
</tbody>
</table>
T. Dave, S. Gupta Rathi, M. Naik, S. Kaliki INDIA
Dermoid cysts in childhood vs adulthood

T. Dave, P. Sharma, A. Nayak, M. Naik INDIA
Outcomes of ptosis surgery in patients with mono-ocular elevation deficit

R. Gupta, P. Hari, V. Kemmanu, A. Kiran, B. Madhavrao INDIA
When does congenital ptosis need surgery? Analysis of risks for amblyopia in 127 eyes of 112 patients

H. Ilhan, E. Goksu, E. Gurer TURKEY
An unusual presentation of malignant peripheral nerve sheath tumor

S.K.S, R. Rajasekaran, U. Udayakumar INDIA
A case of lacrimal gland abscess in a child

S. Katoch INDIA
Congenital entropion of eyelids

S. Kursange, K. Kubrey INDIA
Cosmetic and surgical result of frontalis suspension surgery comparing different sling materials and techniques

S. Marpuri, A. Agarwall, V. Geh INDIA
Orbital myositis: A masquerade

H. Obedulla, N. Pushker, M. Bajaj, R. Meel, A. Sha Manzil, A. Pujari, S.B INDIA
Mixed sino orbital fungal disease in an immunocompetent infant

H. Pagad, S.N, N. Shanbhag, N. Chakravarty INDIA
Bilateral anophthalmos/microphthalmos in monozygotic twins: Unusual rare presentation

A. Pujari, N. Pushker, M. Changole, H. Obedulla, S.B. INDIA
Post-traumatic paediatric globe luxation: An ocular emergency

L. Sankaranarayanan, P. Krishnan, R. Bhat INDIA
Topical timolol maleate in infantile capillary haemangioma

Multiple orbital wooden foreign bodies in the medial rectus muscle and indenting the globe presenting as orbital cellulitis

S. Tronina, N. Bobrova UKRAINE
Orbital dermoid cysts: Peculiarities of clinical state and surgical treatment in paediatric patients

R. Yadav, C. Sethi, Z. Chaudhuri INDIA
Parry Romberg syndrome and linear scleroderma in a paediatric patient

Other

R. Anjanamurthy, V. Perumalsamy INDIA
Visual evoked potential (VEP) in children in evaluating the visual pathway integrity in different ocular pathology

A. Banerjee, D. Roy INDIA
Correlation between near stereoaucity and deviation pre and post operatively in patients having infantile esotropia

A. Baskaran, T. Britto, N.C.A INDIA
Using synoptophore after image slides for the comparison of torsional fusional amplitudes (TFA) between emmetropes and myopes

S. Bhat INDIA
Comparison of mydriatic efficacy of tropicamide with phenylepherine eye drops administered as a vapourized spray in one eye and conventional drop instillation in the other eye in an Indian paediatric cohort

D. Bremond-Gignac, Z. Mincheva, N. De Vergnes, S. Valleix FRANCE
Ophtha centres of expertise: Contribution to management of rare eye diseases and patient care in France

H. Chadalavada, N. Prasad, S.R.C Aknoori INDIA
A rare case of Hutchinson-Gilford progeria syndrome

V. Chandran, K. Murali, S. Reddy INDIA
Quality of life and safety profile of atropine 0.01% for myopic children in India

H. Collett UK
An ocular motility recall tool: A diagrammatic representation of the actions and innervations of extraocular muscles

G. Cooper, D. Hawley, A. McMahon, L. Dunkley, J. Choi UK
Sheffield transitional uveitis service

A. Dixit, S.T. Ravilla, P. Vijayalakshmi, S. Shetty, M. Qadir INDIA
Clinical profile of ocular conditions affecting children below 3 years of age attending a tertiary paediatric eye care centre

A. Elhence, S. Agarwal INDIA
Looking beyond convergence: Managing accommodative infacility with the vision therapy system VTS4

P. Ghalla, J. Matalia, S. Muthu INDIA
Ocular associations in children referred for syndromic evaluation at a tertiary eye care centre

S. Gupta, G. Kumar, A. Gupta INDIA
Childhood ocular morbidity in Western Uttar Pradesh: Reducing the burden!

A. Haider, D. Viswanathan, H. Birrel, M. Bhate, R. Singh AUSTRALIA
A 10-year review of paediatric open globe injuries (OGI) at a tertiary referral hospital in New South Wales, Australia
POSTER PRESENTATIONS

H. Han, S. Dai, H. Chu (China)
Study on the relationship between the angle of deviation using prism test and perceptual binocular alignment test

D. Hernández Marrero, R. Abreu Gonzalez, N. Kalitovics Nobregas, H. Abdul-Razzak Sultan (Spain)
Iridociliary cyst dislocated to vitreous cavity visualized by optical coherence tomography

V. Kanduri, A. Tupalli (India)
A case of opsomyoclonus syndrome

S. Kamble, A. Madan, K. Dhabarde, M. Vyavhare, M. Changole (India)
Ocular manifestations in polytrauma patients in paediatric age group in tertiary care centre in central India

V. Kemmanu, S. Baliga, M. Patil, A. Mohan, M. Kurangi, B. Shetty (India)
Knowledge, attitudes and practice survey and effect of health education on eye health among government secondary school children in Bangalore, India

Prevalence, causes and risk factors for visual impairment in school children in rural population in Krishna district, Andhra Pradesh: An experience from India

L. Kochgaway, A. Mondal, P. Maity, A. Saha (India)
Retrospective analysis of children coming for first eye check up

M. Kothari (India)
Efficacy of 1% atropine eye drops for progressive myopia in Indian eyes

S. Nishanth, A. Kavthekar (India)
The curious case of accommodative spasm

S.G. Pai, U.P.S. Usgaonker (India)
Awareness of childhood blindness in caregivers of children attending ophthalmology OPD in tertiary care hospital in Goa

S. Parija, A. Banerjee, L.C.S. S. Sen (India)
Differential diagnosis and management of sixth cranial nerve palsy

K. Patel, S. Shah, M. Shah, R. Khanna, C. Rathod (India)
Clinical features and presentations of limbal dermoid in children

A. Pujari, R. Singh, D. Swamy, P. Maharana, N. Sharma (India)
Point of care ultrasonography (POCUS) for paediatric ocular emergencies in a tertiary eye hospital

T. Qiao, C. Zhen, X. Xie, M. Zhang (China)
Profile and determinants of retinal nerve fiber layer optical intensity in optic disc of normal children eyes with spectral domain optical coherence tomography

T. Qiao, W. Luo, H. Ye, S. Li, X. Du (China)
Clinical features and surgical treatment of double elevator palsy

T. Qiao, S. Wang, W. Luo, W. Zheng, Ce Zhen, H. Ye, Y. Li (China)
Exploring the causes and secondary procedure choice of consecutive esotropia after surgery in intermittent esotropia

A. Rathod, A. Doshi, P. Agashe (India)
Case series: Autoimmune polyendocrinopathy syndrome type 1 (APS1)

M. Robert, S. VandeFonteyne, C. Seghir, P. Aymard, C. Denier, O. Roche, S. Michel (France)
Ocular colobomas and systemic malformations

D. Roy, A. Banerjee (India)
Treatment of symptomatic convergence insufficiency with office based computerized vision therapy in a tertiary eye care centre

M. Samant, R. Dhamankar, S. Deshmukh, G. Kadam, S. Haldipurkar, M. Setia, O. Pirdankar (India)
Repeatability of Plusoptix s12c autorefractometer in children

S. Sathyan, A. Kalam, J.R, M.C.K, E. Joseph (India)
Prognostic indicators of visual outcome in paediatric open globe injuries

M. Shah, S. Shah (India)
Comparative study of final visual outcome between open and closed globe injuries following surgical treatment of traumatic cataract in children

M. Shah, S. Shah, K. Patel, S. Gosai (India)
Paediatric ocular trauma score-a new predictive model for children with paediatric traumatic cataract

M. Shah, S. Shah, A. Mulchandani, P. Kalbande, C. Rathod (India)
Combination of regional and general anaesthesia for eye injury surgeries in children

Z. Siddiqui, D. Mahanta (India)
Prevalence of uncorrected refractive error among rural and urban children

A. Sood, S. Shetty (India)
Obesity, somnolence and cataract

N. Thacker Dave, S. Sinha, P. Pallawkar (India)
Isolated langerhans cell histiocytosis of palpebral conjunctiva in a 2 year old mimicking a chalazion

N. Thacker Dave, M. Merchant, P. Punde, B. Bhatt (India)
Ophthalmic evaluation in beta-thalassemia

M. Thikekar, V.K, F. Mouttapa (India)
Unusual ocular association in neurofibromatosis type 1: A rare case report

J. Van Dessel, I. Devuester, D. Gods (Belgium)
Is an occlusive intraocular lens a valuable option for intractable diplopia?
R. Vinaya Kumar, V.E.C, J. Saluja, R. Babu, V.K.Y, S. Innamuri INDIA
Ocular associations in congenital deafness

L. Yan, L. Yan, H. Chu, S. Pang, D. Wu CHINA
Exploring the effect of short-term plasticity on postoperative binocular visual function recovery in intermittent exotropia

L. Yan, H. Chu, S. Pang, D. Wu CHINA
A novel VR binocular vision method for patients with strabismus after operation

Retina Uveitis

N. Antsiferova, O. Nonkopiy, V. Chernykh, I. Plisov RUSSIA
The study of correlations between the frequency of peripheral retinal dystrophy in children and adolescents with myopia, depending on age, gender and the length of the eyeball

R. Carelli, G. De Bernardo, D. Sordino, M. Riccitelli, R. Di Domenico, C. Picardi, S. Capobianco ITALY
Does LMA use and temperature control in NICU during laser treatment for ROP a improve preterm outcome? A pilot study

A. Charan, T. Sai Yaswanth, G. Prasad INDIA
A rare case of ocular toxoplasmosis

G. Cooper, D. Hawley, C. Nash, A. McMahon, R. Tattersall, J. Choi UK
Interferon-alfa used to treat a challenging case of refractory paediatric Behcets disease with sight threatening uveitis

U. Gandhi, M. Tyagi, R. Kekunnaya INDIA
Suture removal related endophthalmitis in children: Risk factors and outcomes in a tertiary eye care centre

B. Harikrishna, S. Al Zuhabi, D. Dennison, A. Alrawas, A. Ganesh OMAN
Cytomegalovirus retinitis (CMVR) in post hematopoietic stem cell transplant/bone marrow transplant paediatric patients: A challenge to ophthalmologists

M. Phylactou, K. Tyrlis UK
Case report of spontaneously regressed retinoblastoma

A. Rathod, A. Doshi, P. Agashe INDIA
Comparison of optic disc anomalies

A. Vydrina, A. Tereschenko, I. Trifanenkov RUSSIA
Fluorescein angiography for induced and spontaneous regress of retinopathy of prematurity

S. Warsita, F. Karifiati, I. Irfan INDONESIA
Terson’s syndrome in an 8 month old infant

A. Yaman, T. Ozturk, C. Durmaz Engin, A. Berk TURKEY
Complete blood count parameters and early body weight gain as predictive parameters for retinopathy of prematurity development in prematurely born infants

Strabismus Nystagmus

N. Antsiferova, K. Pozzrevskiy, I. Plisov RUSSIA
Surgery exotropia following retinal detachment repair

A. Baskaran, T. Britto, N.C.A INDIA
Torsional deviations: Do primary and secondary deviations matter?

P. Chaugule, R. Kekunnaya, P. Patil Chhablani INDIA
Augmented superior rectus transposition with or without medial rectus recession in paediatric abducens nerve palsy

A. Chawhan, N. Rishikeshi, A. Kaduskar Aney, S. Taras INDIA
Outcome of single horizontal muscle surgery for small to moderate angle strabismus

S. Dhar, A. Singh, G. Kapoor INDIA
An interesting case of right lateral rectus (LR) palsy and left inverse Brown’s syndrome

N. Gaur, P. Sharma, S. Phuljhele, A. Shashni, H. Obedulla, A. Shamer INDIA
Lateral rectus (LR) transposition to medial rectus (MR) in complete third nerve palsy

K. Kalaivani, S.T.S. INDIA
Loop myopexy as an effective procedure for strabismus fixus

R. Kalantri, S. Ramasubramanian, M. Swaminathan INDIA
Post strabismus surgery diplopia in patients undergoing pre-operative in-office prism trial

N. Kasturi INDIA
Superior divisional third cranial nerve palsy with nystagmus following orbital trauma

N. Kaur, S. Shetty INDIA
Management of head posture in Duane’s retraction syndrome (DRS) with nystagmus

A. Khadia, V.K. F. Moutappa INDIA
Surgical outcome of strabismus surgery in patients with unilateral visual impairment

S. Kursange, F. Moutappa INDIA
Is it always necessary to tie the knot? A study in paediatric patients

A. Maniar INDIA
Albinism and the eye

A. Maniar INDIA
Nystagmus: A case report

A. Medghalchi, Y. Alizadeh, R. Soltany Moghaddam IRAN
Treatment of intermittent exotropia with over minus glass in children under 7 years old

A. Medghalchi, Y. Alizadeh, R. Soltany Moghaddam, S. Hassennejad IRAN
Astigmatism changes of cornea following rectus muscle surgery in strabismus patients
M. Muthumalai, S. Mohammad, A. Ramkumar, B. Mukherjee, S. Agarkar INDIA
Management of diplopia post orbital fracture repair

P. Panmand, J. Matalia, M. Ghalla, P. Shah INDIA
Effectiveness of overminus spectacles in improving control of intermittent divergent squint (IDS) in children

P. Patli, S. Shetty INDIA
Joubert syndrome with bilateral hypotropia

S. Phuljhele Aalok, A. Shameer, A. Singh, P. Sharma, N. Gaur, A. Shashni, R. Saxena INDIA
Monocular elevation deficiency: A prospective case series on clinical features and outcomes of surgery

S. Murthy INDIA
Refractive profile in patients with Duane’s retraction syndrome

N. R. G. Anantharaman INDIA
Effectiveness of prisms in relieving diplopia in superior oblique palsies

E. Ramawat INDIA
Surgical outcomes on sensory strabismus: A case series

S. Ravilla, S. Shetty, V. Perumalsamy INDIA
Intra-trochlear steroid injections in acquired Brown’s syndrome: A case series

V. Sachdeva, C. Ezisi, J. Trilinga, R. Kekunnaya INDIA
Intermittent exotropia with high accommodative convergence/accommodation (AC/A) ratio and high myopia: Diagnostic and management challenge

L. Sankaranarayanan, P. Krishnan, R. Bhat INDIA
Binocular vision possible in CFEM

D. Sapkal, S. Thakre, M. Mishrikotkar INDIA
Congenital fibrosis of extra-ocular muscles: A family case study

J. Seekkubadu SRI LANKA
Pseudo-parinaud’s (Seekku’s syndrome)

J. Seekkubadu SRI LANKA
With-the-rule astigmatism in congenital horizontal jerky nystagmus: A prospective study

S. Sethi, R. Dabas, S. Verma, A. Tandon INDIA
Distribution of refractive errors among children with infantile esotropia

N. Shah, J. Matalia, P. Panmand, P. Ghalla INDIA
Correlating the immediate post operative end point in squint surgery over time

K. Shah, S. Shetty INDIA
Outcomes of surgical management of traumatic bilateral superior oblique palsy

V. Shanker INDIA
Surgical outcome of single stage squint surgery for intermittent exotropia in adults

T. Sharma, M. Moreker, A. Sakle, S. Ranade, R. Patel INDIA
Bilateral infectious scleritis post squint surgery

A. Shashni, P. Sharma, N. Gaur, A. Jangid, S. Phuljhele INDIA
Combined resection and recession on a single rectus muscle for management of patients with true divergence excess exotropia

S. Shirke, M. Aroichane INDIA
Incomitant exotropia after pterygium surgery

M. Thikekar, V.K, F. Mouttapa INDIA
Double elevator palsy: Complexities and outcomes

R. Tiwari, S. Shetty INDIA
Study of accommodation and vergence anomalies in young patients presenting with asthenopia

P. Topcu Yilmaz, O. Ural Fatihoglu, E. Sener TURKEY
Acquired comitant esotropia with presumed intensive smartphone or computer use in children and young adults

A. Vydrina, A. Tereschenko, I. Trifanenko TURKEY
A study of the effect of surgical treatment of vertical strabismus

J. Yam, S. Tang, S. Ko HONG KONG
Refractive errors and concomitant strabismus: a systematic review and meta-analysis

K. Yar, I. Harbiyeli, G. Haciyakupoglu, M. Dagkiran TURKEY
Effectiveness of nystagmus surgery in cases with albinism

Surgical Techniques

N. Abdalla SUDAN
The state of paediatric eye care in Sudan

M.C.K, E. Joseph, S. Sathyan INDIA
Trauma and strabismus

A. Dixit, S. Shetty, P. Vijayalakshmi, M. Sekar, S. Bhaskaran INDIA
Analysis of surgical outcome of different procedures for monocular elevation deficit (MED)

V. Prabu, U. Udayakumar, K. Kapoor INDIA
Retrospective study of visual outcomes and complications after sutureless, flapless and glueless intrascleral fixation of posterior chamber intraocular lens in children and young adults

A. Elkamshousy EGYPT
Bilateral medial rectus resection for primary large-angle exotropia

B. Gokyigit, E. Aygit, A. Inal, O. Ocak, S. Celik, C. Gurez TURKEY
An effective and easily adjustable technique for strengthening the superior oblique muscle

V. Prabu, U. Udayakumar, K. Kapoor INDIA
Retrospective study of visual outcomes and complications after sutureless, flapless and glueless intrascleral fixation of posterior chamber intraocular lens in children and young adults
S. Agarwal, S. Shetty INDIA
Tackling a heavy eye

P. Agashe, A. Doshi INDIA
Lateral rectus deactivation and more... in congenital third nerve palsy

P. Agashe, A. Doshi INDIA
Unveiling neurological disorders through the eye

S. Badakere, S. Senthil INDIA
Can reverse be right?

S. Basheer, P. Sharma, S. Phuljhele, A. Sha Manzil, H. Obedulla, A. Pujari, N. Gaur INDIA
Modified Harada-Ito procedure in acquired superior oblique palsy with excyclotorsion

M. Bhalla INDIA
Surgical management of anterior pyramidial cataract

S. Bhaskaran, V. Perumalsamy, S. Shetty INDIA
Horizontal gaze palsy with progressive scoliosis

S. Bhave, N. Patil, S. Joshi INDIA
An unusual case of orbital foreign body

C. Chakraborty INDIA
Marcus Gunn jaw winking: A sign you must not miss

C. Chakraborty INDIA
Maximize the vision: A tale of hope

P. Chaugule, R. Kekunnaya, A. Badakere INDIA
Video capsule: For capsulorhexis in paediatric cataract

P. Chaugule, R. Kekunnaya, A. Badakere INDIA
Video capsule: For posterior capsulorhexis in paediatric cataract

S. Chaurasia INDIA
Utility of endoilluminator in management of paediatric cornea diseases

S. Chaurasia INDIA
Pneumodissection of a corneo-scleral disc from a 23 day old donor

H. Collett UK
A lost art of orthoptics

S. Desai INDIA
Marcus Gunn jaw winking ptosis management: Unilateral levator excision with a closed frontalis suspension

A. Elkamshousy EGYPT
Microspherophakia in children

S. Gade, S. Shetty INDIA
In a hypo eye superiors to the rescue

P. Ghalla, J. Matalia INDIA
A world of a difference: A beginner’s journey into paediatric cataract management

P. Gogri, S. Chaurasia INDIA
Cornea plana: Diagnosis and management

S. Gopal INDIA
Recession of inferior oblique under topical anaesthesia

S. Gopal, J. Kelkar INDIA
Muscle plication under topical anaesthesia as an effective alternative to resection of the muscle

S. Gupt INDIA
Paediatric iris and lens vascularisation

S. Hussain INDIA
Late presentation nystagmus with ET with rotational congenital motor nystagmus or spasmus nutans as differential

I. Irfani INDONESIA
Surgical management of bilateral persistent pupillary membrane

S. Jalali INDIA
Surgical management of persistent fetal vasculature with intracapsular haemorrhage

Z. Jamil, P. Singh, B. Bagga INDIA
Limbal translocation penetrating keratoplasty

D. Joshi, K.R INDIA
Silicon tube loop myopexy: Novel surgical modification for myopic strabismus fixus

K. Kalaivani, R. Kalantri INDIA
Management of traumatic cataract with iridodialysis repair

K. Kalaivani INDIA
Bow tie technique of adjustable suture strabismus surgery

M. Karna, S. Karna INDIA
Restoring vision with a microshot of alcohol

S. Karna, M. Karna INDIA
Alternating head posture: Alternating nystagmus

N. Kaur, T. Singh INDIA
Management of traumatic cataract and guide needle assisted iridodialysis repair with modified hangback technique through scleral pocket

S. Kaushik, S. Kaur, P. Kataria, D. Katoch, M. Dogra, S. Pandav INDIA
A short story about retinopathy of prematurity and congenital glaucoma: A difficult mixture

V. Kemmanu, P. Tayde, M. Kurangi INDIA
Primary congenital lenticular cyst: A pearl in the oyster

M. Killekar INDIA
To evaluate effectivity of silicone intubation using rilteng probe and indigenously made rilteng suture for congenital dacryostenosis

L. Kochgaway INDIA
The progressive subluxation dilemma!

R. Krishnamurthy, D. Sirisha INDIA
Pointers to Schlemm’s canal
A. Kumar, P. Chaudhary INDIA
Techniques of posterior capsulotomy in paediatric cataract surgery

M. Kurangi, V. Kemmanu INDIA
Primary iris stromal cyst managed by cyst aspiration and diode laser photocoagulation in a child

M. Kurangi, V. Kemmanu INDIA
True muscle transplantation for large angle esotropia

B. Madhavarao, M. Kurangi INDIA
Superior oblique myokymia: A novel method of documenting a clinical sign

D. Majhi, U. Gandhi, R. Kekunnaya INDIA
Normal and abnormal visual behaviours in infants

D. Majhi, R. Kekunnaya INDIA
Paediatric cataract surgery in lenticonus: Taking all precautions

A. Mandal INDIA
Exploring the Schlemm’s canal

A. Mandal INDIA
Surgical technique on infantile glaucoma presented with acute corneal hydrops

J. Matalia, N. Kasturi, P. Ghalla INDIA
Lensectomy for ectopia lentis in children: Different techniques

J. Matalia, P. Ghalla INDIA
The saga of a shaky white lens

R. Mehta, S. Das, T. Nyugen INDIA
What goes around comes around: Cyclical third nerve palsy

S. Monga, R. Kekunnaya INDIA
Doctor, my child can’t see: Evaluation of the visually inattentive child

V. Nagaraju, A. Mandal INDIA
Surgical outcome of infantile glaucoma presented with acute corneal hydrops

M. Negalur, R. Kekunnaya, P. Patilchhablani, A. Badakere INDIA
In the blink of an eye...

S. Nishanth, A. Kavathekar INDIA
Modified Yokoyama procedure for myopic strabismus fixus: A stitch in time!

H. Obedulla, P. Sharma, S. Phuljhele, A. Sha Manzil, N. Gaur, S.B. A. Pujari INDIA
Loop myopexy of superior rectus and lateral rectus with medial rectus recession in strabismus fixus convergence

H. Pagad INDIA
Congenital periodic alternating nystagmus

P. Panmand, J. Matalia INDIA
Made complex strabismus simple: Modified loop myopexy without muscle split

S. Parija, S. Nayak, A. Banerjee, L.C.S, S. Sen INDIA
Paediatric cataract: Clinico-morphological manifestations and visual outcome

N. Pawar, M. Ravindran, R. Khadse INDIA
Botox to double augmentation: Journey of sixth nerve palsy

A. Prakash, N. Pehere INDIA
Functional vision assessment in young children with profound cerebral visual impairment

M. Qadir, S. Shetty INDIA
Traumatic cataract removal and iris reconstruction

M. Raja INDIA
A simplified technique for rectus deactivation

M. Raja, R.T.C.R INDIA
Opsoclonus with cerebellar ataxia: A distinct entity

S. Murthy INDIA
No split no tenotomy procedure for monocular elevation deficiency

V. Rajput, J. Matalia INDIA
Silver lining in hazy cornea: Endoilluminator-assisted cataract surgery in hazy cornea

S. Rath, R. Kekunnaya INDIA
When eyes don’t rise: Novel single muscle transposition in MED

S. Rath, R. Kapoor, R. Kekunnaya, A. Chandrasekharan, V. Warkad INDIA
Caught in the loop: Complications of loop myopexy

S. Ravilla, V. Perumalsamy, S. Shetty INDIA
Surgical management of an 8-ball hyphema

S. Sadasivan INDIA
The disc in its full glory: An unusual case morning glory disc anomaly

A. Sahu, D. Agrawal INDIA
Is it a nerve palsy...or something else?

A. Sainani, S. Moreker INDIA
Endoscopic retrieval of fascia lata using CO2 insufflation for frontalis sling surgery

L. Sankaranarayanan INDIA
Retrofixed iris claw IOL in Marfan’s syndrome

S. Sethi, R. Dabas, A. Tandon INDIA
Aberrant regeneration of third nerve following traumatic head injury: Characteristic lid signs

A. Sethi, K. Kalaiyani INDIA
The unexpected guest: Iris cysts with congenital cataract

S. Shah, M. Shah, A. Mulchandani, P. Kalbande, R. Singh INDIA
Canalicular reconstruction by canalicularulotomy technique in children
Practically every step poses extra challenges:
Paediatric cataract surgery after delayed presentation

M. Shah, S. Shah, P. Rana, S. Gosai, S. Gupta INDIA
Paediatric traumatic cataract: Maximizing the surgical outcomes...

K. Shah, S. Shetty, V. Perumalsamy INDIA
Notorious iris cyst exiled

M. Shah, S. Shah, P. Rana, P. Kalbande, R. Singh INDIA
Open globe injury innovative method for wound debridement in children

N. Shakankiri EGYPT
Worm in the anterior chamber of a child

A. Shamanzil, P. Sharma, S. Phuljhele Alok, H. Obedulla, S. Basheer, A. Shashni, N. Gaur INDIA
Loop tenotomy of superior oblique in Brown’s syndrome

A. Shashni, P. Sharma, N. Gaur, S. Phuljhele INDIA
Cyclic oculomotor palsy: A rare form of strabismus

P. Singh, Z. Jamil, B. Bagga INDIA
Dermoid excision with sutureless lamellar keratoplasty

J. Sonawane, S. Shetty INDIA
Optic capture

A. Sood, S. Shetty INDIA
Beaten medial rectus

J. Sukhija INDIA
I may be thin but you always need my support

P. Tayde, V. Kemmanu INDIA
Disconjugate eye movements: When the eyes agree to disagree

N. Thacker Dave INDIA
Just another paediatric cataract surgery

S. Thakre, J. Mishrikotkar, P. Deshmukh INDIA
Classic signs in strabismus

M. Vanathi INDIA
Nuances in paediatric corneal grafting

V. Vasavada, A. Vasavada, V. Vasavada, S. Srivastava, S. Vasavada INDIA
Salvaging the eye with traumatic cataract: Locking in the lens

R. Vinaya Kumar, S. Reddy, H. Bommisetty, N. Damarla, P. Lingam, V. Pachava INDIA
Ocular motor apraxia in familial juvenile amyotrophic lateral sclerosis

P. Walimbe INDIA
How to put eye drops
WSPOS

World Society of Paediatric Ophthalmology & Strabismus

Subspecialty Day

Friday 21 September 2018, Vienna, Austria
Preceding the 36th Congress of the ESCRS, 22 – 26 September 2018
GENERAL INFORMATION

Venue
Hyderabad International Convention Centre, Novotel & HICC Complex (Near Hitec City), P.O. Bag 1101, Cyberabad Post Office, Hyderabad - 500 081

Host
WSPOS, Temple House, Temple Road, Blackrock, Co. Dublin, Ireland
Tel: + 353 1 288 3630
Fax: +353 1 209 1112
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
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

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

Exhibition Area (Hall 6, Ground Floor)
Friday 1 December  8.00 am – 6.30 pm
Saturday 2 December  8.00 am – 6.30 pm
Sunday 3 December  8.00 am – 6.30 pm

Boarding Pass & Device Charging Stations
Business centre at WSPOS Organisers’ suite.

Cafes
The Bar: Corridor between HICC & Novotel
Le Café: Corridor between HICC & Novotel
The Square: Novotel
La Cantina: Pool Lawns, Novotel

Cloakroom
Novotel Main Lobby

CME Credits
The Telangana State Medical Council (TSMC) has awarded this Congress 6 CME credits (2 per day)

Currency
The official currency of the Congress is Indian National Rupees

ATM
There is a Standard Chartered Bank ATM in the corridor between HICC & Novotel

E-Posters, Presented Posters & Videos
Hall 6, Ground Floor

First Aid
Room 2.1, Level 2

Insurance
Delegates are advised to take out travel insurance to cover medical expenses, accidents, loss, etc. No responsibility will be taken by the Congress Organisers

Hotel Information Desk
Novotel main reception area

Membership
WSPOS membership can be obtained at the WSPOS booth in the exhibition area

Multi-Faith Prayer Room
Room 2.2, Level 2

Official Language
The official language of the Congress is English

Wi-Fi
Wi-Fi is available free of charge throughout the congress centre

Network Name: WCPOS Password: 2017wcpos

SPONSORS

Kohinoor
Essilor
UPMC

Platinum
Alcon

Gold
Akriti, India

Silver
Orbis
Guidel

Bronze
Allergan
Care Group India
Quark Pharma

Exhibitors
Ankur Metal Work
ENTOD
Jutron
Leica
LKC Technologies Inc; USA
Miraflex
M/s Gen World Medical Devices
MS Om Tao
Plusoptix
Pranavji Enterprises
Roland Consult
Safilo

Independent Educational Grant
Zeiss

Other Support
Lucid Medical Diagnostics
DOWNLOAD
THE CONGRESS APP

‘WSPOS 2017’

SPONSORED BY ESSILOR
SEEING THE WORLD BETTER

Free wi-fi throughout the congress centre
Network Name: WCPOS
Password: 2017wcpos
Our pediatric frames comply with all the design guidelines of:

**Italian Society of Pediatric Ophthalmology**

- **Straight temple ends**, to avoid annoying pressure behind the ear and on the auricular pavilion.
- **Soft rubber** inside the temples and around the nose to reduce and distribute pressure, preventing red marks.
- **Shockproof hinges**, with no exposed parts that might hurt the child in the event of impact.
- **Study of the front pieces**, designed to adequately cover the field of vision and guarantee a comfortable fit.
- **Soft rubber joints**, instead of hinges, for the 0-3 year-olds styles.

**KIDS BY SAFILO. DESIGNED FOR THEIR POINT OF VIEW.**

safilo.com/kids
Hall 6

Alcon 21
Care Group India 17
Safilo 13
Roland Consult 9
Gen World Medical Devices 5
Leica 1

Akriti 22
Orbis 14
Jutron 10
Quidel 6
ENTOD 2

Essilor 19/23
Plusoptix 15
LKC Technologies Inc; USA 11
MS Om Tao 7
Allergan 3

WSPOS 20/24
Pranavji Enterprizes 16
Miraflex 12
Ankur Metal Work 8
Quark Pharma 4

ePosters
Vision in focus

Ophthalmic Research

Editor
José Cunha-Vaz, Coimbra

Associate Editors
Age-Related Macular Degeneration
José-Alain Sahel, Pittsburg, Pa.
Anterior Segment
Marie-José Tassignon, Antwerp
Epidemiology
Cécile Delcourt, Bordeaux
Genetics
Hendrik P.N. Scholl, Basel
Glaucoma
M. Francesca Cordeiro, London
Health Technology
Francisco Batel Marques, Coimbra
Imaging
Tunde Peto, London
Immunology and Infectious Diseases
Dorairajan Balasubramanian, Hyderabad

Inflammation
José Manuel Benítez del Castillo, Madrid
Medical Retina
Sobha Sivaprasad, London
Molecular and Cell Biology
Francisco Ambrósio, Coimbra
Neuro-Ophthalmology and Visual Function
Birgit Lorenz, Giessen
Oncology and Pathology
Edoardo Midena, Padua
Surgery
Yuichiro Ogura, Nagoya
Educational – ESASO
Bruno Falcomatà, Reggio Calabria
Maurizio Battaglia Parodi, Milan
EVICR.net
Cecília Martinho, Coimbra

New section in cooperation with the WSPOS
http://wspos.org
World Society of Paediatric Ophthalmology and Strabismus
EUROTIMES SATELLITE EDUCATION PROGRAMME

Saturday 2 December

MORNING SYMPOSIUM
Hall 5
07.00 – 08.00

Orbis Breakfast Symposium

Moderators: R. Kekunnaya INDIA
Y. Ning Strube CANADA

Participants: M. Swaminathan INDIA
Y. Morad ISRAEL
M. Goldchmit BRAZIL
F.G. Velez USA

Sponsored by orbis

LUNCHTIME SYMPOSIUM
Hall 1
12.45 – 13.30

Integrated Intraoperative OCT

Moderator: K.K. Nischal USA/UK
M. Pihlblad USA

Participants: G. Zaidman USA/UK
M. Pihlblad USA

Sponsored by ZEISS

Sunday 3 December

MORNING SYMPOSIUM
Hall 5
07.00 – 08.00

Orbis Breakfast Symposium

Moderators: R. Kekunnaya INDIA
Y. Ning Strube CANADA

Participants: S. Agarkar INDIA
A. Molinari ECUADOR
L. Kowal AUSTRALIA
J. Holmes USA

Sponsored by orbis

LUNCHTIME SYMPOSIUM
Hall 1
12.45 – 13.30

Myopia

Moderators: R. Kekunnaya INDIA
D. Granet USA

Participants: A. Chia SINGAPORE
K.K. Nischal USA/UK
A. Grzybowski POLAND
A. Vipin Das INDIA

Sponsored by ESSILOR
SEEING THE WORLD BETTER
Crizal® PreVencia™
The First Smart Blue Light Blocking Lens

WHEN U TXT, UR EYES R EXPOSED TO BLUE LIGHT
9.25 pm ✔✔

PROTECT YOUR EYES WITH CRIZAL® PREVENCIA™ LENSES

Ask your Eyecare Professional or visit www.crizalprevencia.com
Specialty Eye Products

Lea Paddle
Lea Tests
Teller Acuity Cards
Cardiff Cards
Refraction Rack
Prism Bar Set
Loose Prism Set
Fresnel Prism Set
Prism Adapter
RAF Ruler
Surgical Loop
Hertel Exophthamometer
Stereo Fly
TNO Test
Coverclude Eye Patch
Maddox Rod
Fixation Stick
Oculuders
Bangerter Foil
Distance Stereo Test
Vergence Prism
Nasal Occluder Kit
Illuminated Cabinet Charts
Hand Fundus Camera
Hand Keratometer

Akriti Oculoplasty Logistics
8-1-284/OU/552 OU Colony, Shaikpet, Hyderabad,TS, India
Phone: +91 99595 41995, +91 91600 03972
Email oculoplasty.logistics@gmail.com, sales@akriti.co.in
Web: www.akriti.co.in
INDEX

A

Aasuri, M. K. 9
Abbagani, S. 13
Abdalla, N. 62
Abel, L. 28
Abeysekera, H. 50
Aboughaly, S. 43
Aclimandos, W. 2, 41
Ademola-Popoola, D. 45
Adio, A. O. 2, 18, 34
Agarkar, S. 9, 10, 74
Agarwal, R. 16
Agarwal, S. 15, 55, 63
Agarwal, T. 11
Agashe, P. 15, 17, 63
Agarwal, A. 43
Allapitchai, F. 22
Al Ali, A. 25, 39
Al Nuami, R. 24
Al-Zuhaibi, S. 45
Ambika, S. 32
Andersson Grönlund, M. 29
Anjanamurthy, R. 59
Antsiferova, N. 22, 55, 61
Armesto, A. 23, 27
Arora, P. 50
Asferaw, M. 33
Atilla, H. 10, 18, 29
Aulakh, S. 13, 43
Azad, R. 31

B

Badakere, A. 13, 30, 50
Badakere, S. 57, 63
Bagga, B. 35
Bajracharya, K. 55
Banerjee, A. 59
Banerjee, M. 33
Bangsgaard, R. 52
Bansal, R. 44, 55
Bar, A. 58
Basheer, S. 63
Baskaran, A. 55, 56, 59, 61
Basu, S. 35
Berganza Canales, L. 37
Berganza, L. 48
Bhalla, M. 63
Bharadwaj, S. 20
Bhaskaran, S. 34, 57, 63
Bhate, M. 55
Bhal, S. 51, 59
Bhattacharya, K. 2, 34
Bhavatharini, M. 37
Bhave, S. 9, 49, 63
Bhula, R. 19, 29
Bhushan, K. 57
Bichpuria, A. 58
Binenbaum, G. 41
Bisani, A. 43
Blaha, B. 55
Bobrova, N. 56
Bodily, L. 43
Boua Long, Q. 44
Bolting Taube, A. 24
Bowman, R. 34
Breda, J. 16
Bremond-Gignac, D. 2, 10, 15, 17, 57, 59
Buch Hesgaard, H. 29

C

Campos, E. 2
Carelli, R. 57, 61
Ceylan, O. 56
Chadalavada, H. 59
Chawla, A. 13, 42, 45
Chandrasekharan, A. 40
Chandrasekhar, G. 16
Chandrasekhar, A. 55, 59
Chandrashekharan, A. 40
Chandrashekhar, G. 16
Chandra, A. 61
Chaudhuri, Z. 20, 58
Chaugule, P. 13, 16, 61, 63
Chawla, B. 20, 52
Chaurasia, S. 56, 63
Chawla, A. 16, 61
Chawla, B. 11, 22
Cheferan, C. 49
Chia, A. 27, 74
Cioplean, D. 2
CK, M. 49
Cleves-Bayon, C. 23, 48
Cohen, P. 30
Collett, H. 59, 63
Cooper, G. 59, 61
Corradetti, G. 49
Colter, S. 2, 46, 47, 48
Cumhur Sener, E. 2, 42

D

Dagi, L. 10, 19, 44
Dagi, T. 19
Dave, T. 9, 53, 59
Dave, V. 13
Davis, A. 34
De Lima, S. 52
del Monte, M. 2, 10, 38
Demasi, C. L. 13
Desai, R. 58
Desai, S. 10, 21, 37, 63
Deshmukh, S. 30, 57
Dey, B. 18, 56
Dhar, S. 61
Dhawan, P. 56
Diaz, F. P. 42
Dikmen, B. 29
Dixit, A. 59, 62
Dogra, M. 31
Dosunmu, E. 13
Dua, H. 7, 31
Dug Dug, A. 25
Duncan, K. 53

E

Elence, A. 59
Elkamshouby, A. 33, 62, 63
El-Mulki, S. 21
El Shafie, M. 37
Erraguntla, V. 43

F

Ferdausi, N. 33, 55
Fernandes, M. 28, 35, 39
Fernandez, A. 2, 35, 48
Ferris, J. 10
Fijalkowska, G. 34, 56
Flodin, S. 49
Fong Chaong, Y. 2, 49
Forrest, M. 37, 38
Fortes Filho, J. B. 31
Fortunato, M. 29
Freeman, N. 2, 26, 48
Friling, R. 49

G

Gade, S. 63
Gajdosova, E. 25
Galan, A. 48
Gandhi, R. 32
Gandhi, U. 49, 61
Ganesh, S. 9, 16
Garg, P. 35
Garriro, R. 48
Gaur, N. 61
Ghalla, P. 56, 59, 63
Godits, D. 2, 42, 46, 49, 55
Goel, S. 28
Gogri, P. 63
Gokhale, V. 13
Gokyigit, B. 15, 48, 62
Goldchmit, M. 2, 10, 44, 74
Goldenberg-Cohen, N. 19
Gole, G. 2, 38
Gollakota, S. 24
Gonzalez, L. 25
INDEX

Gopal, L. 11, 25, 39
Gopal, S. 14, 42, 63
Gothwal, V. 24
Gothwal, V.K. 18
Gour, A. 56
Granet, D. 2, 10, 15, 17, 40, 42, 44, 47, 53
Grzybowski, A. 27, 47, 74
Guereiro, M. 24
Gupta, A. 29, 37, 49
Gupta, H. 58
Gupta, R. 37, 43, 44, 59
Gupta, S. 15, 30, 59, 63
Gupta, V. 26
Habroosh, F. 37
Haider, A. 59
Haldipurkar, S. 24
Handley, S. 52
Han, H. 60
 Harding, S. 51
Han, H. 60
Hinduja, S. 43
Harikrishna, B. 20, 61
Hedua, A. 50
Henderson, R. 25, 36, 39
Hernández Marrero, D. 60
Herfle, R. 2, 7, 10, 17, 20, 28, 47, 50
Hinds, A.M. 33
Holmes, J. 10, 23, 38, 51, 74
Honavar, S. 10
Huey, J. 25, 57
Hussain, S. 56, 63
Hyvarinen, L. 7, 17, 45

I
Ilhan, H. 59
Irfani, I. 63

J
Jacob, N. 18
Jacob, S. 35
Jaffar, M. 2
Jain, D. 44, 56
Jain, S. 19, 42, 44, 55
Jalali, S. 31, 41, 50, 51, 63
Jamil, Z. 63
Jethani, J. 9, 51
Jhanji, V. 11, 15, 36
John, D. 55
Joon, A. 44
Joshi, D. 13, 63
Joshi, G. 30
Joshi, P. 24
Kalaivani, K. 38, 61, 63
Kalantri, R. 61
Kaliki, S. 11, 12, 53
Kamble, S. 60
Kammar, P. 55
Kanduri, V. 60
Kandyalala, T.P. 34
Kapoor, R. 37
Karna, M. 63
Karna, S. 63
Kar, T. 57
Karthikeyan, A.S. 28, 40, 46
Kashii, S. 32
Kasturi, N. 29, 55, 61
Katoch, S. 59
Katowitz, W. 10
Katowitz, W.R. 14
Katukuri, S. 58
Kaur, N. 58, 61, 63
Kaur, S. 9, 23, 51
Keeffe, J.E. 29
Keckunnaya, R. 2, 10, 14, 16, 17, 20, 74
Kelkar, J. 50
Kemmanu, V. 29, 60, 63
Kesarwani, S. 9, 38, 58
Khalid, A. 13, 61
Khadse, R. 57, 58
Khan, A. 20, 25
Khan A. 20, 25
Khan Amitava, A. 9
Khan, A.O. 2, 46
Kham, R. 60
Khatun, M. 57
Kherani, F. 14
Khetan, V. 12, 22, 46
Khokar, S. 14
Khosla, A. 17
Khemm, M. 50
Khandelwal, D. 43
Khera, M. 44
Khurana, R. 17, 58
Killedar, M. 14, 56, 63
Kiran, H. 12, 22
Kochgawary, L. 9, 60, 63
Koka, K. 53
Konangi, R. 50
Ko, S. 37
Kolhamasu, V.R.K.P. 37
Kothari, M. 18, 22, 33, 37, 60
Kowal, L. 2, 10, 23, 42, 43, 46, 74
Kozak, I. 45
Kramer, M. 45
Krishnamurthy, R. 30, 57, 63
K.S. S. 59
Kulkarni, A. 41
Kulkarni, S. 25, 34, 50
Kumar, A. 22, 29, 56, 63
Kumar, G. 50
Kumar Goriparthi, R. 50
Kumar Mandali, A. 26, 29
Kumar Puligadda, R. 50
Kumar, R. 49
Kumar, S. 55
Kumar Singh, P. 33, 46
Kumawat, D. 50
Kurthini, M. 21, 56
Kurangi, M. 64
Kursange, S. 39, 61
Kuruvilla, S. 43

L
Lai, C. 51
Lai, C.H.Y. 33, 38
Lakshmi, P. 39
Lam, W.C. 39
Lasreg, S. 29
Lavefti, V. 51
Lawrence, L. 45
Leiba, H. 2
Lenhart, P. 49
Levin, A. 2, 20, 25, 41, 46
Liasis, A. 2, 28, 36
Li, J. 2, 10
Lingappa, L. 50
Ling, Y. 13
Lope, A. 22
Lorenzo, B. 19, 25, 41
Lowgren Elmer, L. 37
Luccarelli, S. 2

M
Madaan, S. 17
Madan, S. 34, 58
Madhavarao, B. 52, 64
Maino, A. 35
Maitreya, A. 58
Majhi, D. 64
Malik, A.N.J. 33
Malu, S. 58
Mameesh, M. 21, 56, 57
Mandal, A. 14, 64
Maniar, A. 61
Manoj, B. 24
Marpu, S. 59
Marshman, W. 29
Martinez-Castellanos, M.A. 31
Martinovskaya, L. 15
Mataftsi, A. 24, 51
Matalia, J. 10, 27, 32, 37, 50, 64
Mathai, A. 28
McCain, K. 35
Medghalchi, A. 61
Mehran, A. 53
Mehta, C. 24, 37
Mehta, R. 43, 55, 64
Mehyar, M. 35
INDEX

Milea, D. | 19, 32
Mintz-Hittner, H. | 31, 51
Mishra, S. | 58
Mittal, S. | 43
Mohamed, A. | 56
Mohan, R. | 31
Mohd Khialdin, S. | 15, 58
Mohney, B. | 10, 38
Mojon, D. | 2, 14, 19, 23, 42
Molinari, A. | 42, 44, 74
Monga, S. | 55, 64
Monira, S. | 57
Moore, W. | 13, 21
Morad, Y. | 2, 10, 15, 44, 74
Morales Ballus, M. | 24, 32
Moreker, M. | 37, 58
Moreker, S. | 10
Morgan, C. | 10, 35
Morini, C. | 52
Mouttapa, F. | 17
Nagaraju, V. | 64
Naik, M. | 10, 14
Nanda, K. | 34
Nayak, H. | 36
Nayak, S. | 39
Negalur, M. | 13, 64
Newsham, D. | 35
Nigam, S. | 57
Nikunj, K. | 24
Ning Strube, Y. | 41, 74
Nischal, K.K. | 30, 31, 39, 42, 46, 49, 53, 74
Nishanth, S. | 17, 18, 60, 64
Nucci, P. | 2, 32
Nur Rahmah, M. | 15
Nyong’o, O. | 15

N

Obedulla, H. | 59, 64
Olsen, K. | 25, 39
Olusanya, B. | 50
Ortube, C. | 49, 52

P

Padhi, T. | 25, 36
Pagad, H. | 58, 59, 64
Pai, S. | 60
Pai, V. | 57
Palumaa, K. | 57
Pande, V. | 43
Pandey, S. | 9, 48
Pang, A. | 24
Pang, C. | 46
Panmand, P. | 58, 62, 64
Paralkar Sobti, S. | 56
Parija, S. | 57, 60, 64
Parreira, M. | 10, 14
Pasyanthi, B. | 30, 57
Patel, C.K. | 39
Patel, K. | 60
Patel, S. | 24
Patil-Chhablani, P. | 10, 48, 58
Patil, P. | 62
Pawar, N. | 18, 56, 64
Pehere, N. | 14, 34, 45
Peragallo, J. | 48
Philip, S. | 58
Phuljhele Aalok, S. | 58, 62
Phylactou, M. | 61
Pieter Saunte, J. | 10
Prajapati, P. | 22, 32
Prajapati, S. | 12, 22
Prajapati, V. | 10
Prajapati, V. | 24
Prabhu, J. | 46
Prakash, A. | 64
Prakash, G. | 11
Pramono, B.H. | 57
Prat Bartomeu, J. | 10
Prieto-Diaz, F. | 2, 10, 47
Pujari, A. | 59, 60

Q

Qadir, M. | 64
Qiao, T. | 38, 60

R

Raga, M. | 64
Rainey, M. | 45
Raja, M. | 64
Raju, V. | 20, 56, 57, 58, 64
Ramappa, M. | 35, 52
Ramawat, E. | 62
Ram, J. | 32, 49
Ramkumar, A. | 56
Rao, N. | 47
Rao, R. | 21
Rathod, A. | 60, 61
Rath, S. | 15, 21, 40, 64
Ravilla, S. | 56, 62, 64
Ravindran, M. | 17, 55
Reddy, H. | 49
Reddy, R. | 28
Ribeiro Koch Pena, C. | 56, 57
Rishi, P. | 12, 22
Rizwana Hussaindeen, J. | 43, 46
R, N. | 17, 62
Robbins, S.L. | 10, 41, 45
Robert, M. | 60
Rodriguez, R. | 48
Roeder, B. | 24
Roy, A. | 35
Roy, D. | 60
R, S. | 15

S

Sacchi, M. | 2
Sachdeva, V. | 9, 10, 17, 50, 55, 62
Sadasivian, S. | 29, 58, 64
Sahu, A. | 55, 57, 64
Sainani, A. | 17, 64
Sai Rani, K. | 58
Salchow, D.J. | 2, 13, 19
Salviati, F. | 29
Samant, H. | 58
Samant, M. | 17, 30, 55, 60
Sandramouli, S. | 10
Sangwan, V. | 36
Sanjeev, S. | 18
Sanjeev, S. | 18
Sankaranarayanan, L. | 55, 59, 62, 64
Santiago, Y. | 10
Sapkal, D. | 62
Saranji, R. | 28
Satgunam, P. | 46, 52
Satyavan, S. | 49, 55, 60
Saxena, R | 10
Sazzad Iftekhar, Q. | 57
Schieltzovski, M. | 19
Seekkubadu, J. | 62
Selvakumar, A. | 32
Sener, E.C. | 16
Sen, P. | 36, 37, 46
Senthil, S. | 26
Sen, U. | 21, 50
Sepian, S.N. | 29
Serafino, M. | 32
Serra, A. | 26
Sethi, A. | 43, 64
Sethi, S. | 62, 64
Shah, A. | 37
Shah, G. | 34
DUAL-SEGMENT PUMP TECHNOLOGY

+ Precise fluidics
+ Pulsatile-free
+ Quick vacuum rise
+ Versatile performance

PERFORMANCE IN EVERY DETAIL

Superior chamber stability through superior engineering.¹,²
That’s the Centurion® Effect.

Only the Centurion® Vision System features Active Fluidics® technology created to:

• Reduce IOP fluctuation throughout the procedure¹,²
• Dynamically adjust to maintain chamber stability¹,²
• Enhance surgeon control¹,²

Contact your Alcon representative to schedule a demonstration and experience the Centurion® Effect for yourself.
Renowned for outstanding clinical care in pediatric transplantation, cardiac care, and the neurosciences, Children’s Hospital of Pittsburgh of UPMC is consistently ranked one of the best pediatric hospitals in the United States. Our Division of Pediatric Ophthalmology, Strabismus, and Adult Motility is led by one of the world’s foremost pediatric eye specialists, Ken K. Nischal, MD, FRCPht. And as part of the UPMC Eye Center, we combine best practices and interdisciplinary collaboration to deliver exceptional care for visually impaired patients — from infants to adults. Visit us at CHP.edu/Ophthalmology.

We have a vision for world-class, integrated pediatric ophthalmology care.

Renowned for outstanding clinical care in pediatric transplantation, cardiac care, and the neurosciences, Children’s Hospital of Pittsburgh of UPMC is consistently ranked one of the best pediatric hospitals in the United States. Our Division of Pediatric Ophthalmology, Strabismus, and Adult Motility is led by one of the world’s foremost pediatric eye specialists, Ken K. Nischal, MD, FRCPht. And as part of the UPMC Eye Center, we combine best practices and interdisciplinary collaboration to deliver exceptional care for visually impaired patients — from infants to adults. Visit us at CHP.edu/Ophthalmology.