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MESSAGE FROM THE EXECUTIVE BUREAU

Dear Colleagues,

A very warm welcome to the 3rd World Congress of Paediatric Ophthalmology and Strabismus here in Barcelona, Spain. During the three years since the last congress in Milan, we have been planning an ambitious and interesting programme for this congress. WSPOS is delighted to be partnering with the ESCRS, EuCornea and the ICOI congress this year. This represents a unique opportunity to share experiences with our colleagues in other ophthalmic sub-specialties, establishing a centre of education here at the Fira Barcelona Gran Via, over the coming days.

In light of this collaboration, the programme will include a joint symposium with EuCornea entitled ‘Paediatrics & Cornea’, in addition to joint symposia with ESCRS, entitled ‘Congenital Cataract: To IOL or Not IOL,’ and the ICOI, entitled ‘Ocular Infections in Children’.

WSPOS is an international society with a focus on paediatric ophthalmology, strabismus and the interaction between adult and paediatric influences. The 3rd WSPOS Congress features an exceptional scientific programme including scientific symposia, free paper sessions, workshops, joint symposia and a mock trial.

The two keynote lectures will be delivered by Alex Levin, USA and Lionel Kowal, Australia, while the Kanski Medal will be presented by Helen Mintz-Hittner, USA. In addition, this year, for the first time, WSPOS presents ‘NAI - The Mock Trial’ with Alex Levin, USA and Gil Binenbaum, USA. There will also be a Spanish language session organised by our colleagues Alicia Serra Castanera, Angela Fernandez, Mauro Goldchmit, Marta Morales and Josep Visa, taking place on Friday afternoon, in addition to surgical workshops, which will be held on Friday and Sunday. Thus this year offers an extremely exciting programme, offering 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 3rd World Congress of Paediatric Ophthalmology and Strabismus.

This is your society and we welcome your ideas, input and participation.

We wish you a wonderful congress and hope that you enjoy your stay here in Barcelona.

Executive Bureau
Dominique Bremond-Gignac FRANCE
David Granet USA
Richard Hertle USA
Ramesh Kekunnaya INDIA
Ken K. Nischal USA/UK

Scientific Bureau
Paolo Nucci ITALY, CHAIRMAN OF SCIENTIFIC BUREAU
Eduardo Duarte Silva PORTUGAL
Yee Fong Choong MALAYSIA
Nicola Freeman SOUTH AFRICA
Mauro Goldchmit BRAZIL
Simon Ko HONG KONG
Lionel Kowal AUSTRALIA
Daniel Mojon SWITZERLAND
Yair Morad ISRAEL
Seo Wei Leo SINGAPORE
Mohammed Younis LEBANON
MESSAGE FROM THE LOCAL HOST COMMITTEE

Dear colleagues and friends,

On behalf of the local organising committee, we would like to welcome you to the WCPOS meeting in Barcelona! We hope that you will enjoy your stay and the meeting.

Barcelona has a dynamic and open personality, typical of Mediterranean cities. It is the perfect city to relax in, stroll around and enjoy. Barcelona has its own way of life, which makes it unique. The cradle of Catalan culture, amongst many other cultures and civilisations, and a witness to major transformations such as the Industrial Revolution and the Civil War, Barcelona has a fascinating history.

You will have the opportunity to discover the historic city centre, the Gothic Quarter. After visiting the Plaça de Sant Jaume, the current seat of local and regional government, you’ll be able to enjoy unique landmark sites such as the Plaça del Rei, the historic powerhouse of medieval Catalonia, the Cathedral and the Roman walls, important remains that survive today.

Barcelona has become a major point of reference on the world art scene and offers a wide range of museums such as the Picasso, Miró and MACBA museums. Modernism is an important and world renowned artistic movement, which spanned the late 19th and the early 20th centuries. You can enjoy visiting Gaudi’s architecture, with special mention to La Sagrada Familia, Casa Batlló and La Pedrera, both located in the beautiful and smart street of Passeig de Gracia, as well as Park Güell.

Barcelona’s warm, pleasant climate means that locals spend a lot of time outdoors. The city’s location on the shores of the Mediterranean brings pleasant temperatures, allowing Barcelona to enjoy its 5km of perfectly equipped beaches all year round and a superb Olympic Marina, which is ideal for lovers of water sports.

Together with the Scientific Committee, we have arranged a very interesting scientific programme, with many of the world’s best specialists in paediatric ophthalmology and strabismus. Thus, a special thanks goes to the outstanding keynote speakers and all the presenting authors, and their co-authors, who have contributed to an exciting and stimulating scientific programme.

Again, we are very pleased to join you in Barcelona and we hope that this will be a fruitful meeting with active discussions and an exchange of experiences in paediatric ophthalmology and strabismus.

Local Host President
A. Serra Castanera SPAIN

Local Host Committee
M. Morales SPAIN
J. Visa Nasarre SPAIN
<table>
<thead>
<tr>
<th>Time</th>
<th>Room 20</th>
<th>Room 17</th>
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<th>Room 19</th>
<th>Room 1</th>
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<tr>
<td>08.00</td>
<td>Strabismus Techniques: Surgical and Non-Surgical</td>
<td>I So Wish I Hadn’t Done That</td>
<td>Esotropia</td>
<td>Cortical/Cerebral Visual Impairment: What Do We Really Know?</td>
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<td>Y.F. Choong MALAYSIA J.R. Polling THE NETHERLANDS</td>
<td>D. Cioplean ROMANIA M. Goldchmit BRAZIL</td>
<td>A. Fernandez COLOMBIA K. McMain CANADA</td>
<td>G. Dutton UK C. Roman USA</td>
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<td>09.00</td>
<td>Application of Innovation: What’s Real and What’s Not?</td>
<td>Intracranial Tumours That Affect Vision</td>
<td>A. Khan SUDARABSRUS</td>
<td>Early Intervention and Visual Rehabilitation L. Hyvarinen FINLAND J. Keedle AUSTRALIA</td>
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<td>E. Jain INDIA S. L. Robbins USA</td>
<td>W. Lagrèze GERMANY</td>
<td>S. Wei Leo SINGAPORE</td>
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<td>10.00</td>
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<td>Break</td>
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<tr>
<td>11.00</td>
<td>Joint Symposium WSPOS/ICOI</td>
<td>Translational Medicine: Amblyopia</td>
<td>Translational Medicine: Anterior Segment</td>
<td>Artificial Substitutions and Restorative Vision A. Nau USA</td>
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<td>V. Jhanji HONG KONG A. Molinari ECUADOR</td>
<td>J. Holmes USA A. Horwood UK</td>
<td>B. Chauhan USA A. Khan SUDARABSRUS</td>
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<td>12.00</td>
<td>JAM Session: My World My Way</td>
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<td>D. Granet USA</td>
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<td>13.00</td>
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<td>Industry Sponsored Satellite Meeting</td>
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<td>15.00</td>
<td>Paediatric Glaucoma</td>
<td>Lacrimal, Lids and Orbit</td>
<td>Paediatric Ocular Oncology</td>
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<td>N. Freeman SOUTH AFRICA A. Serra Castanera SP4N</td>
<td>D. Bremond-Gignac FRANCE H. Choi KOREA</td>
<td>T. Kivela FINLAND A. Singh USA</td>
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<td>16.00</td>
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<td>Paediatric Cataract and Lens</td>
<td>Paediatric Cornea and External Disease</td>
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<td>M. Tartarella BRAZIL M. Younis LEBANON</td>
<td>D. Granet USA D. Kikkawa USA</td>
<td>D. Ademola-Popoola NIGERIA G. Zaidman USA</td>
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<td>17.00</td>
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<td>Paediatric Cornea</td>
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<td>Paediatric Cataract and Lens</td>
<td>Thyroid Eye Disease</td>
<td>Paediatric Cornea and External Disease</td>
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<td>18.00</td>
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<td>Raised Intracranial Pressure: Culprits and Curses</td>
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<td>Can We Affect How Children Behave in our Clinics and OR?</td>
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<td>E. Mitchell USA P. Phillips USA</td>
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<td>R. Saxena INDIA K. Zhao CHINA (finishes at 18.15)</td>
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FRIDAY 4 SEPTEMBER

SURGICAL SKILLS TRAINING COURSES

Cost per course: €100

Room A & B

NB: Places on surgical skills training courses are limited and delegates are advised to pre-book as tickets will be sold on a first-come first-served basis.

<table>
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<tr>
<td>01</td>
<td>A</td>
<td>08.00 – 10.00</td>
<td>Goniotomy</td>
<td>16</td>
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<tr>
<td>02</td>
<td>A</td>
<td>13.30 – 15.30</td>
<td>Capsulorhexis</td>
<td>16</td>
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<td>03</td>
<td>B</td>
<td>12.00 – 15.00</td>
<td>MISS</td>
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<td>04</td>
<td>B</td>
<td>15.30 – 18.30</td>
<td>MISS</td>
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Goniotomy Course
Chairpersons:  
N. Freeman (SOUTH AFRICA)  
M. Jaafar (USA)
Instructors:  
A. Ali (CANADA)  
R. Bowman (UK)  
M. Forrest (AUSTRALIA)  
W. Moore (UK)  
K.K. Nischal (USA/UK)

Capsulorhexis Course
Chairpersons:  
S. Khokhar (INDIA)  
K.K. Nischal (USA/UK)
Instructors:  
S. Biswas (UK)  
D. Bremond-Gignac (FRANCE)  
Y. F. Choong (MALAYSIA)  
M. Forrest (AUSTRALIA)  
R. Kekunnaya (INDIA)  
A. Mataftsi (GREECE)  
E. Wilson (USA)  
I. Wong (SINGAPORE)

MISS Course
Chairperson:  
D. Mojon (SWITZERLAND)
Instructors:  
T. Bredehorn (GERMANY)  
S. Jain (UK)  
M. Rohleder (AUSTRIA)

WORKSHOPS

Cost per workshop: €100

13.45 – 15.15

Strabismus Workshop
Room 19
Chairpersons:  
J. Ferris (UK)  
M. Goldchmit (BRAZIL)  
D. Granet (USA)
Instructors:  
E. Campos (ITALY)  
L. Dagi (USA)  
J. Hancox (UK)  
J. Holmes (USA)  
R. Kekunnaya (INDIA)  
L. Kowal (AUSTRALIA)  
C. Murillo-Correa (MEXICO)  
A. Vivian (UK)  
E. Wilson (USA)

15.15 – 16.45

Oculoplastics Workshop
Room 19
Chairpersons:  
D. de Angelis (CANADA)  
D. Kikkawa (USA)  
M. Parulekar (UK)
Instructors:  
H. Abeysekera (SRI LANKA)  
K. Falzon (UK)  
B. Korn (USA)
KEYNOTE LECTURES & KANSKI MEDAL

FRIDAY 4 SEPTEMBER
Room 20
11.10 – 11.45
Keynote Lecture
Non-Strabismus

Alex Levin *USA*
Ocular genetics: changing the world of paediatric ophthalmology

SATURDAY 5 SEPTEMBER
Room 20
11.45 – 12.30
Keynote Lecture
Strabismus

Lional Kowal *AUSTRALIA*
Becoming a better strabismus doctor: always learning, always improving

SUNDAY 6 SEPTEMBER
Room 20
11.00 – 11.45
Kanski Medal Lecture

Helen Mintz-Hittner *USA*
Anti-VEGF for retinopathy of prematurity: better outcomes
**Room 20**

08.00 – 09.00

Free Paper Session

### Amblyopia

**Moderators:** E. Al-Alawi **BAHRAIN**
C. Lai **HONG KONG**

08.00  E. Kahouadji **ALGERIA**
Residual nystagmic amblyopia treatment trial with an association of citicoline and gabapentine and patching

08.06  N. Behrad Far, Z. Rajavi, H. Mughaddasifar, M. Yaseri **IRAN**
Evaluation of the relationship between the macular retinal thickness in amblyopic children and their controls

08.12  F. Manzotti, J. Orsoni, M. Scarlino, F. Morsia, G. Pedrazzi **ITALY**
Amblyopia screening: results on 36910 children tested in Parma, Italy, between 2005 and 2014

08.18  T. Althomali **SAUDI ARABIA**
Posterior chamber toric phakic intraocular lens implantation for the correction of anisometropia with astigmatism and treatment of amblyopia, long follow-up

08.24  S. Gamboa **SPAIN**
The visual function of young soccer players

08.30  A. Bruce, L. Fairley **UK**
The impact of presenting visual acuity on early developing literacy skills

08.36  A. Mataftsi, N. Kappos, P. Malamaki, S. Kokkali, S. Dimittrakos, A. Haidich **GREECE**
The reporting of logMAR visual acuity and crowded visual acuity in literature regarding amblyopia

08.42  D. Neely, J. Wang, D. Sprunger, K. Haider, H. Smith, G. Roberts, D. Plager **USA**
A randomized trial of amblyz liquid crystal occlusion glasses vs traditional patching for treatment of moderate unilateral amblyopia in children: 3 month outcome

08.48  Discussion

09.00  End of session

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**Room 17**

08.00 – 09.00

Free Paper Session

### Cataract

**Moderators:** S. Khokhar **INDIA**
J. Pauw **UK**

08.00  M. Asferaw, S. Yoseph, Y. Assefa, S. Tesfay **ETHIOPIA**
Assessment of outcomes of paediatric cataract surgery at tertiary eye care center in Northwest Ethiopia

08.06  A. Sauer, C. Speeg-Schatz **FRANCE**
Intraocular cytokines levels in congenital cataracts

08.12  S. Manning, M. O’Keefe, B. Lanigan **IRELAND**
Risk of retinal detachment in patients with Marfan syndrome and one or more prior intraocular procedures

08.18  B. Olusanya, A. Baiyeroju **NIGERIA**
Delay in presentation for paediatric cataract surgery in Nigeria

08.24  I. Trifánenkova, A. Tereschenko, I. Belyi **RUSSIA**
Femtosecond laser-assisted anterior and posterior capsulotomies during cataract surgery in children

08.30  M. Khatun, M. Mostafa Hossain, M. Haque Kallol, Q. Iftekhar, M. Atiquzzaman, T. Ahasan, S. Rahman **BANGLADESH**
Profile of paediatric cataracts and surgical outcome in Bangladesh: a hospital based study

08.36  V. Vasavada, A. Vasavada, S. Vasavada, S. Shah, M. Praveen, V. Vasavada, R. Trivedi **INDIA**
Postoperative complications in bilateral aphakia versus bilateral pseudophakia 5 years following cataract surgery: randomised, clinical trial

08.42  T. Borges, A. Abreu, D. Dias, V. Miranda, R. Parreira, A. Meireles, P. Meneres **PORTUGAL**
Paediatric traumatic cataract

08.48  Discussion

09.00  End of session
**FRIDAY 4 SEPTEMBER**

**Room 18**

08.00 – 09.00

Free Paper Session

**Low Vision**

**Moderators:**  
C. Luchansky **USA**  
M. Paiva **PORTUGAL**

08.00  
P. Vijayalakshmi, G. Amit Shah **INDIA**  
Study of risk factors, visual and developmental outcome in cases of radiologically proven periventricular leukomalacia

08.06  
A. Akhter, S. Altaf **PAKISTAN**  
Visual improvement with low vision aids in children with Stargardt’s disease

08.12  
O. Konikova, O. Diskalenko, V. Brzhesky **RUSSIA**  
The study on effects of Bilberry Anthocyanin on form-deprivation myopia in guinea pigs and its mechanism

08.18  
D. Hong-Wei, Z. Xiao-Juan, M. Jing, C. Qing-Shan, T. Yuan, Z. Xiao-Ming, Z. Ri-Jia **CHINA**

A study on effects of Bilberry Anthocyanin on form-deprivation myopia in guinea pigs and its mechanism

08.24  
D. Ricci, C. Brogna, M. Petrianni, D. Romeo, D. Lepore, P. Sasso, F. Amore **ITALY**  
To what extent a visual deficit can influence early motor development?

08.30  
M. Zainora, M. Norliza, S. Noor Haziq **MALAYSIA**  
The effect of contact lens treatment and null zone training on reading rate and abnormal head posture in schoolchildren with nystagmus

08.36  
J. Marques, J. Costa, J. Quadrado Gil, P. Gil, T. Mesquita, C. Paiva **PORTUGAL**  
Visual rehabilitation with distance monocular telescope in pre-school and school-aged visually impaired children

08.42  
M. Norliza, M. Zainora, R. Baqiatu‘l Sabiqi ‘Asfi **MALAYSIA**  
The development of a new activities of daily living index (UKM_CHILD) for Malaysian school children with vision impairment

08.48  
Discussion

09.00  
End of session

**Room 19**

08.00 – 09.00

Free Paper Session

**Strabismus**

**Moderators:**  
B. Gold **USA**  
J. Li **CHINA**

08.00  
M. Haque Kallol, M. Khatun, Q. Iftekhar, M. Sibgatullah **BANGLADESH**  
Cortical visual impairment in children: demography, etiology, associated neurological and ophthalmic findings: a tertiary eye care center based study

08.06  
J. Prat-Bartomeu, L. San, J. Tor, L. Prat **SPAIN**  
Smooth pursuit movement abnormalities in adolescents with psychosis risk syndrome: a preliminary report

08.12  
H. Chu, Y. Zhi, W. Wang, W. Song, L. Yan **CHINA**  
The relationship between visual spatial resolution and binocular perceptual eye position in amblyopia

08.18  
D. Makhkamova **RUSSIA**  
Analysis of the causes of congenital optic nerve abnormalities

08.24  
C. Salgado, A. Kastner, A. Araneda, N. Dimonte, F. Solanes **CHILE**  
Developmental impairment in strabismus surgery: does it really matter?

08.30  
D. Salchow **GERMANY**  
Inferior oblique recession as a secondary procedure for hypertropia in thyroid-related orbitopathy

08.36  
R. Kekunnaya, A. Chandrasekharan, V. Sachdeva **INDIA**  
Clinical profile and surgical outcomes of Duane retraction syndrome (DRS) with hypertropia co-existing with horizontal deviation

08.42  
F. Velez, M. Chang, S. Pineles **USA**  
Minimally invasive adjustable suture marginal tenotomy and application for correction of incomitant vertical strabismus and torsion

08.48  
Discussion

09.00  
End of session
Controversies: Superior Oblique Palsy

Chairpersons: K. Arnoldi USA
D. Mojon SWITZERLAND

09.00 K. Arnoldi USA
Measuring torsion and fusion amplitudes in SO palsy: no controversy, a must

09.08 S. Jain UK
For superior oblique palsy: I prefer SO TUCK

09.16 V. Sturm SWITZERLAND
Inferior oblique anteriorisation in superior oblique palsy

09.24 D. Mojon SWITZERLAND
MISS loop recession of the inferior oblique muscle

09.32 N. Thacker INDIA
Large hypertropias due to superior oblique palsy: what I do

09.40 D. Coats USA
For superior oblique palsy: inferior oblique surgery is almost always enough

09.48 P.F. Kaeser, C. Bergin, G. Klainguti SWITZERLAND
Free Paper: Functional results of inferior oblique muscle recession in unilateral congenital trochlear nerve palsy

09.54 A. Dahlmann-Noor, I. Davagnanam, V. Tailor, J. Cherukad, J. Thornton, J. Sowden, T. Yousry UK
Free Paper: Isolated congenital superior oblique paresis: a congenital disinnervation disorder? A genetic and high resolution MRI phenotype study

10.00 End of session

Nystagmus

Chairpersons: Z. Chaudhuri INDIA
I. Gottlob UK

Cases in paediatric ophthalmology and strabismus that you cannot afford to miss

09.00 S. Shetty INDIA
Large face turn with nystagmus developing diplopia due to esotropia post augmented Kestenbaum Anderson surgery

09.08 Z. Chaudhuri INDIA
Convergence retraction nystagmus: unusual initial presentation of Kearns Sayre Syndrome with protean neuro-ophthalmic manifestations

09.16 F.X. Borruat SWITZERLAND
Opsoclonus in children: a spectrum of underlying etiologies

09.24 I. Gottlob UK
Alternating abnormal head posture

09.32 L. Abel AUSTRALIA
Nystagmus in the clinic and the world: internal and external influences on eye movements and vision in infantile nystagmus, with implications for assessment of treatment

09.40 A. Pilat UK
A child with vertical nystagmus

09.48 R. Hertle USA
How a nine year old with oculocutaneous albinism changed my practice

09.56 B. Dayong, L. Li, Z. Chengyue, C. Yanhui, H. Shoulong CHINA
Free Paper: Analysis about the wavelet of children’s nystagmus

10.02 Discussion
10.15 End of session
FRIDAY 4 SEPTEMBER

Room 17
09.00 – 10.15
Forget Me Not Session

Cornea
Chairpersons: M. Busin ITALY
              K.K. Nischal USA/UK

Cases in paediatric ophthalmology and strabismus that you cannot afford to miss

09.00  K. Colby USA
       Ocular surface surgery in children

09.12  M. O'Keefe IRELAND
       Refractive surgery in children for myopia and hyperopia

09.24  B. Früh SWITZERLAND
       Cross-linking in children

09.36  P. Dureau FRANCE
       Should we operate on unilateral Peter’s anomaly?

09.48  M. Busin ITALY
       Endothelial keratoplasty: lessons learnt

10.00  K.K. Nischal USA/UK
       Corneal disease in mitochondrial cytopathy

10.12  Discussion

10.15  End of session

Room 18
09.00 – 10.15
Forget Me Not Session

Glaucoma
Chairpersons: P. Hamel CANADA
              S. Kaushik INDIA

Cases in paediatric ophthalmology and strabismus that you cannot afford to miss

09.00  S. Senthil INDIA
       The profile of childhood glaucoma in India

09.10  O. Geyer ISRAEL
       ...you deal with congenital glaucoma

09.20  A. Wiwatwongwana THAILAND
       Primary congenital glaucoma treatment and management in Northern Thailand

09.30  S. Kaushik INDIA
       Trabeculectomy in children: my tricks of the trade for severe congenital glaucoma

09.40  P. Hamel CANADA
       Drainage tubes in paediatric glaucoma: a lesson learnt

09.50  C. Rolim BRAZIL
       My preferred technique for congenital glaucoma

10.00  Discussion

10.15  End of session
FRIDAY 4 SEPTEMBER

OPENING CEREMONY
Room 20
10.30 – 10.45

10.30 R. Hertle USA
Introduction and welcome address

10.35 A. Serra Castanera SPAIN
Local host introduction

10.40 R. Kekunnaya INDIA
Programme highlights

Room 20
13.30 – 15.15
Forget Me Not Session
Neuro-Ophthalmology Eye Movements

Chairpersons: R. Bangsgaard DENMARK
F.X. Borruat SWITZERLAND

Cases in paediatric ophthalmology and strabismus that you cannot afford to miss

13.30 F.X. Borruat SWITZERLAND
Transient oculomotor abnormalities in neonates

13.40 R. Bangsgaard DENMARK
Acquired cranial palsies

13.50 M. Kothari INDIA
Eye movement recording, an essential tool for the modern management of nystagmus

14.00 C. Parsa USA
Brown syndrome: a congenital cranial dysinnervation syndrome

14.10 Y. Strube CANADA
Skew deviation/OTR

14.20 N. Gravier FRANCE
Superior oblique myokymia

14.30 P.F. Kaeser SWITZERLAND
Cerebellar oculomotor syndrome

14.40 G. Roper Hall USA
Ocular neuromyotonia

14.50 D. Mojon SWITZERLAND
The truth about convergence spasm

15.00 Discussion
15.15 End of session

Room 20
10.45 – 11.00
JAM Session
My World My Way

Chairperson: R. Kekunnaya INDIA

10.45 Introduction

10.48 V. Sangwan INDIA
Chemical injury in children: my way of management

10.52 B. Roeder GERMANY
Delayed cataract surgery in children: How does it affect the brain?

10.56 C. Parsa USA
Optic nerve glioma: my way of management

11.00 End of session
FRIDAY 4 SEPTEMBER

Room 17
13.30 – 15.15
Forget Me Not Session

Cataract

Chairpersons: S. Lambert USA
J. Ram INDIA

Cases in paediatric ophthalmology and strabismus that you cannot afford to miss

13.30 S. Lambert USA
Five-year outcomes of the infant aphakia treatment study

13.45 J. Ram INDIA
Paediatric cataract surgery in challenging situations

14.00 H. Dick GERMANY
Femtosecond lasers for paediatric cataract surgery

14.15 A. Sahin TURKEY
Glaucoma following paediatric cataract surgery

14.30 M. Ventura BRAZIL
Long-term outcomes of IOL implantation in children with ectopia lentis

14.45 N. El Shakankiry EGYPT
Cataract surgery in microphthalmic eyes

15.00 Discussion

15.15 End of session

Room 18
13.30 – 15.15
Forget Me Not Session

Retina – Medical

Chairpersons: G. Gole AUSTRALIA
S. Jalali INDIA

Cases in paediatric ophthalmology and strabismus that you cannot afford to miss

13.30 G. Gole AUSTRALIA
Plus disease in retinopathy of prematurity

13.40 S. Jalali INDIA
FEVR: Do I treat prophylactically

13.50 S. Kusaka JAPAN
Treatment of severe Coats disease by anti-VEGF therapy and/or vitrectomy

14.00 T. Lee USA
SD-OCT and angiographic findings in Coat’s disease

14.10 E. Silva PORTUGAL
FAF in inherited retinal dystrophies

14.20 M. Moosajee, C. Bunce, B. Foot, A. Moore, J. Acheson UK
Free Paper: The incidence of choroidal neovascularisation in children within the United Kingdom: a population-based surveillance study

14.26 C. Sylvester USA
Cancer associated retinopathy in children

14.36 A. Liasis UK
The ERG in e-scone dystrophy

14.46 D. Mackey AUSTRALIA
Phenotype: genotype correlates in retinal dystrophies

14.56 T. Queiros, C. Freitas, P. Barros, R. Santos-Silva, S. Guimaraes PORTUGAL
Free Paper: Normative database of optical coherence tomography parameters in childhood

15.02 Discussion

15.15 End of session
Room 19
13.30 – 15.15
Forget Me Not Session

**Ophthalmogenetics**

**Chairpersons:**
- K. Arcot Sadagopan **CHINA**
- D. Mackey **AUSTRALIA**

Cases in paediatric ophthalmology and strabismus that you cannot afford to miss

13.30  **W. Wuthisiri** **THAILAND**
Introduction to ophthalmic genetics

13.40  **D. Mackey** **AUSTRALIA**
Pedigrees and populations: success with sequencing and GWAS

13.50  **M. Lingao** **THE PHILIPPINES**
Genetics of paediatric cataract and paediatric glaucoma

14.00  **A. Khan** **SAUDI ARABIA**
Pathognomonic forms of retinal dystrophy

14.10  **K. Arcot Sadagopan** **CHINA**
Looking beyond retina: paediatric syndromic retinal dystrophies

14.20  **E. Traboulsi** **USA**
CCDD: genetics – clinical and molecular aspects

14.30  **A. Mallipatna** **INDIA**
Genetics of retinoblastoma

14.40  **A. Ganesh** **OMAN**
Ocular manifestations of inborn errors of metabolism

14.50  **C. Bredrup** **NORWAY**
High myopia - excavated optic disc anomaly associated with a MYCBP2 mutation

15.00  Discussion

15.15  End of session

**Poster Village: Pod 3**
13.30 – 15.30
Presented Poster Session

**Strabismus**

**Moderators:**
- H. Leiba **ISRAEL**
- TBC

13.30  **M. Mazza, A. Del Longo, E. Piozzi** **ITALY**
Transposition of the oblique inferior muscle with equatorial scleral fixation without detachment from the sclera (Tomarchio-Sabetti technique): our experience

Contact lenses to optimise vision in adults with infantile nystagmus: a pilot randomised controlled trial of refractive corrective soft contact lenses versus plano soft contact lenses plus glasses if required

13.50  **M. Al Shamrani** **SAUDI ARABIA**
Development of high accommodation convergence accommodation ratio esotropia after botulinum toxin injection for partially accommodative esotropia

14.00  **S. Barros, A. Vide Escada, N. Marques, A. Miranda, M. Vieira, M. Pereira, N. Campos** **PORTUGAL**
Strabismus and its impact on health related quality of life in a group of Portuguese children: a pilot study

14.10  **L. Costa, A. Basilio, N. Silva, M. Noronha, N. Vicente, A. Paixao, A. Toscano** **PORTUGAL**
Quality of life assessment in adult strabismus surgery

14.20  **I. Martins de Almeida, C. Ferreira, M. Monteiro, J. Coimbra de Matos, C. Salgado Borges** **PORTUGAL**
Faden operation and inferior oblique borace operation: in congenital esotropia: is there any relationship?

14.30  **V. Warkad, R. Kekunnaya, P. Chhablani, B. Shenoy** **INDIA**
Clinical profile and short-term outcomes of the congenital exotropia in India

Comparative analysis of 4 horizontal muscle recession versus 4 muscle tenotomy and reattachment procedures in patients with infantile nystagmus syndrome

14.50  **K. Kamlesh, S. Bhuiya, A. Rastogi, B. Karothiya, K. Thakkar, Y. Goel** **INDIA**
To compare the surgical outcome of unilateral vs bilateral lateral rectus recession in divergence excess type of small angle intermittent exotropia

15.00  **S. Abdelaziz, M. Ibrahim** **EGYPT**
Sensory heterotropia: which eye should be the main site of surgery, sound or amblyopic eye?

15.10  Discussion

15.30  End of session
### FRIDAY 4 SEPTEMBER

**Room 8**

**13.30 – 17.00**

**Spanish Session**

**Chairpers: A. Fernandez - COLOMBIA**  
M. Goldchmit - BRAZIL  
M. Morales - SPAIN  
A. Serra Castanera - SPAIN  
J. Visa Nasarre - SPAIN

#### Strabismus

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<td>Estrabismo secundario a cirugía ocular</td>
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<td>MEXICO</td>
<td>Fibrosis de los músculos extraoculares</td>
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#### Paediatric Ophthalmology

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**Room 20**

15.45 – 17.00

Free Paper Session

### Strabismus

**Moderators:**

- Y. Morad  
  **ISRAEL**
- J. Visa Nasarre  
  **SPAIN**

15.45  

E. Urrets Zavalia, N. Crim  
**ARGENTINA**
Strabismus associated with congenital cataracts

15.51  

M. Younis, R. Dakroub, G. Abou Shakra, R. Haddad, E. Khawam  
**LEBANON**
Infectious complications post strabismus surgery

15.57  

A. Affan, J. Demer, F. Velez  
**LIBYA**
Strabismus associated with congenital cataracts with pattern strabismus

16.03  

Z. Acar, O. Altintas, B. Ozkan, O. Elibol  
**TURKEY**
Augmented medial rectus recession with looped knots is effective in the treatment of convergence excess esotropia

16.09  

M. Sharma, P. Sharma, R. Saxena, V. Menon  
**INDIA**
Evaluation of adjustable partial vertical recti transposition in Exo Duane retraction syndrome

16.15  

M. Strominger, K. Tawse, S. Klein  
**USA**
Rectus muscle advancement for the treatment of ocular misalignment following scleral buckle

16.21  

N. Hajjiya, E. Kasimov  
**azerbaian**
Optimal method to examine children with strabismus in early childhood

16.27  

L. MacKeen  
**CANADA**
Sparing time and money; a method for using ImageJ software to create 3x3 composites of the 9 diagnostic positions of gaze

16.33  

J. Kwok, G. Chong, S. Ko, J. Yam  
**HONG KONG**
A prospective study of the change in fusional convergence parameters in association with the change in Newcastle Control Score in Chinese children with intermittent exotropia over 3 years

16.39  

P. Cepeda-Vázquez, C. Murillo-Correa, D. Islas-Hernández  
**MEXICO**
Prevalence of facial asymmetry in Mexican population at an ophthalmological reference center

16.45  

Discussion

17.00  

End of session

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**Room 17**

15.45 – 17.00

Free Paper Session

### Anterior Segment

**Moderators:**

- C. Chua  
  **PHILIPPINES**
- M. Younis  
  **LEBANON**

15.45  

A. Gupta, J. William, A. Bhatnagar, S. Mall, K. Mappouras, M. Parulekar  
**UK**
Management and visual outcomes of subluxed lenses in children: a 16 year review

15.51  

I. Moglyna, G. Parkhomenko, T. Manoilo  
**UKRAINE**
Orthokeratology as a controlling method of progressive myopia

15.57  

S. Hassan  
**BANGLADESH**
Corneal collagen cross-linking can reduce the burden of eye bank

16.03  

T. Yu, Z. Yin, D. Qi, H. Yang  
**CHINA**
Techniques of minimally invasive anterior segment surgery in children

16.09  

M. Singh, N. Singh, Q. Jawaid, K. Aditya, M. Kataria, V. Gupta, K. Honnakatti  
**INDIA**
Vernal keratoconjunctivitis: topical cyclosporine 0.05% versus tacrolimus 0.1% ophthamlic suspension

16.15  

R. Sethi  
**INDIA**
School screening: a novel method for high volume screening for refractive errors

16.21  

**PORTUGAL**
Scheimpflug imaging evaluation of optical components in Portuguese children with history of preterm birth

16.27  

R. Ihnatko, U. Eden, N. Lagali, A. Dellby, P. Fagerholm  
**SWEDEN**
Aniridia associated keratopathy under spotlight: what story tears can tell

16.33  

B. Chauhan, A. Medsinge, S. Kamakari, E. Gajdosova, H.L. Scanga, K.K. Nischal  
**USA**
Novel phenotype with PAX6 mutations: using functional studies to explain phenotype

16.39  

S. Abdullayev  
**uzbekistan**
Administration of fluzamed in eye fungal infections in children

16.45  

Discussion

17.00  

End of session
FRIDAY 4 SEPTEMBER

Room 18
15.45 – 17.00

**Non-Accidental Injury: The Mock Trial**

**Prosecution:** G. Binenbaum *USA*

**Defence:** A. Levin *USA*

**Panel Judges:** W. Aclimandos *UK*
E. Mezer *ISRAEL*

**NOTES**

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Room 19
15.45 – 17.00

**Free Paper Session**

**Ophthalmogenetics**

**Moderators:**
- R. Caputo *ITALY*
- B. Chauhan *USA*
- H.L. Scanga *USA*

15.45  K. Arcot Sadagopan, R. Kathirvel, R. Keep, A. Rolfs, V. Perumalsamy, P. Kannan *INDIA*
A new clinical sign “The freckle sign”, a possible clinical marker for the diagnosis of Hermansky Pudlak syndrome in Indian patients with oculocutaneous albinism

15.51  B. Käsmann-Kellner, B. Seitz, A. Viestenz *GERMANY*
Aniridia or PAX6 syndrome: clinical findings, problematic courses especially concerning aniridic glaucoma and suggestions for refining the care (“aniridia guide”)

15.57  L. Wulandari, R. Rachmanda, H. Sujuti *INDONESIA*
Rho Kinase inhibitor Y-27632 decrease expression of caspase-3 retinal ganglion cells in rat model glaucoma induced with sodium hyaluronate

16.03  K. Arcot Sadagopan, A. Aggarwal, G. Shah, V. Perumalsamy *INDIA*
The clinical phenotypic spectrum of paediatric Cohen syndrome (CS) in Indian Patients as compared to Finnish and other non-Finnish ethnic cohorts

16.09  S. Zhang, Z. Xiao, R. Qin, B. Yang, G. Zhang *CHINA*
A novel FGFR2 genetic mutation associated with Crouzon syndrome in a Chinese family

16.15  J. Matalia, A. Ghosh, V. Rajput, S. Shanbhag, B. Shetty *INDIA*
A novel idea of identification of regulatory pathways in paediatric cataract: a pilot study

16.21  G. Bacci, R. Caputo, V. Murro *ITALY*
Early onset X-linked retinoschisis in monozygotic twins: a multimodal diagnostic approach

16.27  A. Pakhomowa, P. Bezditko, Z. Muravey *UKRAINE*
Anterior segment ultrasound changes in patients with Ehlers-Danlos syndrome

16.33  H. Scanga, A. Medsinge, V. Fu, C. Sylvester, K.K. Nischal *USA*
Vertical nystagmus in two siblings with autosomal recessive congenital stationary night blindness: a rare presentation with novel mutations

16.39  M. Ortube, S. Strom, M. Gorin *USA*
Three atypical phenotype-genotype associations in paediatric cases

16.45  T. Kivela, A. Polvi, P. Lindahl, A. Majander, T. Linnankivi, A. Lehesjoki *FINLAND*
Retinal findings in cerebroretinal microangiopathy with calcifications and cysts from CTC1 mutations

16.51  Discussion

17.00  End of session
**Poster Village: Pod 3**

16.30 – 18.00

Presented Poster Session

**Cataract**

**Moderators:**
- N. Nabi **CANADA**
- Y. Ron **ISRAEL**

16.30 **C. Aroor, J. Matalia, V. Rajput, N. Kasturi **INDIA**
Clinical profile and outcomes of cataract surgery in children with congenital Rubella syndrome (CRS)

16.40 **L. Mohan, K. Ramachandran, P. Krishnan** **INDIA**
Long-term outcome of retrofixated iris claw IOLs in children

16.50 **M. C.K.** **INDIA**
Prediction of refractive outcomes in paediatric cataract surgery with primary posterior chamber IOL implantation

17.00 **B. Carvalho, M. Noronha, A. Paixao, H. Monteiro, M. Toscno, J. Pita Negrao** **PORTUGAL**
Posterior iris claw fixed lenses: surgical correction for lens subluxation in children

17.10 **K. Tornqvist, B. Haargaard, G. Magnusson, A. Nystroem, N. Rosensvaerd** **SWEDEN**
Epidemiology of operated childhood cataract in a Nordic population

17.20 **V. Vasavada, A. Vasavada, S. Shah, S. Srivastava, S. Trivedi, S. Vasavada** **INDIA**
Postoperative outcomes of IOL implantation in the bag versus posterior optic capture in paediatric cataract surgery: randomized, clinical trial

17.30 Discussion

18.00 End of session

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**Room 20**

17.00 – 18.00

**Symposium**

**Controversies: Paediatric Uveitis**

**Chairpersons:**
- M. Sainz de la Maza **SPAIN**
- S. Sharma **UK**

17.00 **M. Sainz de la Maza** **SPAIN**, S. Leinonen **FINLAND**
Biological agents should now be considered indispensable for Jia uveitis

17.16 **J. Abano** **PHILIPPINES**, S. Sharma **UK**
Are cataract and glaucoma procedures likely to fail in paediatric patients with uveitis?

*Free Paper:* Screening and treatment of juvenile idiopathic arthritis associated uveitis in a tertiary referral centre from Portugal

17.38 **C. Hernández Martinez, C. Garcia-De-Vicuna** **SPAIN**
*Free Paper:* Epidemiologic profile of children with uveitis associated with idiopathic arthritis juvenile in a large Spanish cohort

17.44 Discussion

18.00 End of session
Room 17
17.00 – 18.00
Symposium
Controversies: Myopia – Prevention and Treatment
Chairpersons: P. Nucci ITALY
S. Wei Leo SINGAPORE

17.00 A. Magli, F. D’Esposito ITALY
Education, genes and myopia

17.10 K. Rose AUSTRALIA in conjunction with
I. Morgan AUSTRALIA
Evidence of environmental factors

17.20 R. Caputo ITALY
Can unilateral high myopia be related to infantile glaucoma?

17.30 E. Paysse USA
Refractive surgery: a reasonable approach to children with severe refractive error

17.40 I. Flitcroft IRELAND
Atropine treatment of myopia: theory and practice

17.50 Discussion
18.00 End of session

Room 19
17.00 – 18.00
Symposium
Controversies: Use of VEPs in Paediatric Neuro-Ophthalmology
Chairpersons: V. Fu USA
A. Liasis UK

17.00 A. Liasis UK
Reliability of VEP measurement in craniosynostosis

17.10 V. Fu USA
The use of VEP for evaluation of IIH

17.20 J. Brecelj SLOVENIA
Visual electrophysiology in the clinical evaluation of optic neuritis, chiasmal tumours, achiasma, and ocular albinism

17.30 M. Forrest AUSTRALIA
Using VEPs in paediatric ophthalmology the clinician’s perspective

17.40 M. Tekavc Pompe SLOVENIA
The role of chromatic VEP in routine paediatric testing

17.50 Discussion
18.00 End of session
FRIDAY 4 SEPTEMBER

Room 18
17.00 – 18.15
Forget Me Not Session

Orbit and Oncology
Chairpersons: Q. Boon Long SINGAPORE
            Z. Iqbal PAKISTAN

Cases in paediatric ophthalmology and strabismus that you cannot afford to miss

17.00  Q. Boon Long SINGAPORE
        Global burden of retinoblastoma

17.10  N. Bobrova UKRAINE
        Current treatment of intraocular retinoblastoma

17.20  J. Rahmat MALAYSIA
        Current treatment of extraocular retinoblastoma

17.30  A. Mallipatna INDIA
        Indications and outcome of periocular and intravitreal chemotherapy for retinoblastoma

17.40  A. Reddy UK
        Intra-arterial chemotherapy for RB: indications and complications

17.50  Z. Iqbal PAKISTAN
        Dilemmas of paediatric ocular oncology in the Northwest frontier of Pakistan

18.00  Discussion

10.15  End of session

SATURDAY 5 SEPTEMBER

Room 17
08.00 – 09.00
Symposium

I So Wish I Hadn’t Done That
Chairpersons: D. Cioplean ROMANIA
              M. Goldchmit BRAZIL

08.00  E. Cumhur Sener TURKEY
        Unilateral 4th paralysis with horizontal deviation turned into a contralateral 4th n paralysis following a non-J deformity inferior oblique anterior transposition

08.08  L. Kowal AUSTRALIA
        Bilateral 6ths after head injury. I used superior rectus transposition and medial rectus recess augmented with botox. Remarkably little effect. I wish I had used ‘older’ techniques

08.16  D. Cioplean ROMANIA
        Lost inferior rectus muscle in a patient with thyroid orbitopathy and iatrogenic hypoglobus after multiple strabismus surgeries

08.24  M. Goldchmit BRAZIL
        When orthotropia is not enough after multiple operations

08.32  A. Spielmann FRANCE
        Cyclotorsion after vertical kestenbaum surgery

08.40  S. Moguel Ancheita MEXICO
        To know or not to know: case of a female patient with recurrent strabismus. A brainstem tumour was found – I wish I had not done the surgeries and found the lesion

08.48  Discussion

09.00  End of session
Room 18
08.00 – 09.00
Symposium
Esotropia
Chairpersons:  A. Fernandez COLOMBIA  
K. McMain CANADA
08.00  R. Gama PORTUGAL  
The role of botulinum toxin in treating esotropia
08.10  K. McMain CANADA  
Management of high accommodative convergence/ 
accommodation ratio esotropia
08.20  A. Fernandez COLUMBIA  
Partial accommodative esotropia
08.30  J. Reynolds USA  
Acute onset esotropia
08.40  A. O’Connor UK  
Functional outcome of infantile esotropia treatment?
08.50  Discussion
09.00  End of session

Room 19
08.00 – 09.00
Symposium
Cortical/Cerebral Visual Impairment: What Do We Really Know
Chairpersons:  G. Dutton UK  
C. Roman USA
08.00  G. Dutton UK  
Cerebral visual impairment in children: a brief overview
08.08  C. Roman USA  
The CVI range: a reliable and valid test of functional vision for individuals with cortical visual impairment
08.16  L. Jacobson SWEDEN  
Cerebral visual impairment is not just cerebral - it affects the retina and optic nerve as well
08.24  S. Philip INDIA  
Setting up and running services for children with CVI in India
08.32  S. Chokron FRANCE  
Disorders of visual attention in children with CVI
08.40  S. Lehman USA  
Aspects of classic ophthalmologic exam with the functional aspects of the CVI range
08.48  Discussion
09.00  End of session
Room 20
08.00 – 10.00
Symposium

Strabismus Techniques: Surgical and Non-Surgical

Chairpersons: Y.F. Choong MALAYSIA
J. Polling THE NETHERLANDS

08.00 J. Hancox UK
Technique of Botulinum toxin injection for children and for adults

08.12 A. Shah USA
Splitting of LR for 3rd nerve palsy

08.24 N. Ela-Dalman ISRAEL
Technique for Harado Ito surgery for exyclotorsion

08.36 J. Polling THE NETHERLANDS
Errors in strabismus surgery: orthoptic measurements

08.48 D. Mojon SWITZERLAND
MISS technique

09.00 J. Yam HONG KONG
Surgical considerations in intermittent exotropia

09.12 J. Li CHINA
Superior rectus transposition with medial rectus recession to improve abduction

09.24 Y. Morad ISRAEL
Lateral rectus fixation to the orbital wall a novel treatment for third nerve palsy

09.36 I. Aznauryan RUSSIA
Minimal invasive radio wave technique for strabismus surgery

09.48 Discussion
10.00 End of session

Poster Village: Pod 3
08.30 – 10.40
Presented Poster Session

ROP

Moderators: B. Gold USA
C. Sylvester USA

08.30 M. Sasongko, V. Cloma-Rosales, C. Ongsiako-Isabela, S. Valero, V. Valera INDONESIA
A cost benefit analysis of retinopathy of prematurity screening at an urban tertiary centre in Makati City, Philippines

08.40 E. Maka, C. Gilbert, J. Nemeth HUNGARY
Childhood blindness in Hungary

08.50 E. Tagieva, I. Panova, I. Chervonyak RUSSIA
Analysis of invariant risk factors of retinopathy of prematurity among twins

09.00 R. Puligadda INDIA
ROP incidence and outcome after treatment in a tertiary care teaching hospital in South India

09.10 S. Agarkar, R. Desai, P. Bhende INDIA
Effect of lens sparing vitrectomy on myopia in children with ROP

09.20 S. Bhat, H. Nixon INDIA
Efficacy of the WINROP screening algorithm in predicting ROP in Indian preterm infants

09.30 A. Almeida, F. Soares Vieira, C. Gouveia Pinto, J. Pereira, P. Teixeira PORTUGAL
Risk factors for retinopathy of prematurity in extremely preterm Portuguese infants

09.40 A. Berk, D. Cam, S. Micili, T. Kume, K. Yilmaz TURKEY
Local and systemic side effects of different intravitreal anti-VEGF drugs in newborn rabbits

09.50 A. Connor, A. Shafiq UK
Axial length and bevacizumab for retinopathy of prematurity: should we adjust the dose?

The utility of early IGF-1 and clinical parameters to predict the development of severe ROP (retinopathy of prematurity) in a diverse population

10.10 S. Katsan, N. Pasechnikova, N. Bobrova, K. Zaichko UKRAINE
5 years experience of laser photocoagulation in the aggressive posterior retinopathy of prematurity

10.20 K. Nissen, K. Klomp, M. la Cour, G. Greisen, G. Kilgaard DENMARK
The Danish experience of Lucentis for zone 1 ROP

10.30 L. Jensen, C. Slidsborg, J. Kilgaard, G. Greisen, G. la Cour, K. Rothe Nissen DENMARK
Performance of the screening algorithm WINROP in identifying treatment requiring retinopathy of prematurity in a Danish population of preterm infants

10.40 End of session
Room 17

09.00 – 10.00

Symposium

Application of Innovation: What’s Real and What’s Not

Chairpersons: E. Jain \textit{India} \\
S.L. Robbins \textit{USA}

09.00 M. Kothari \textit{India} \\
Does photorefraction work in children?

09.10 I. Livingstone \textit{UK} \\
iPhone use in ophthalmology

09.20 E. Jain \textit{India} \\
Role of geographic information system technology in community paediatric screening

09.30 S.L. Robbins \textit{USA} \\
Prenatal ultrasound diagnosis and the eye

09.40 T. Dhamankar, M. Kothari, O. Abdal, T. Mulla, R. Roy, K. Fatema, J. Singh \textit{India} \\
\textit{Free Paper}: A pocket friendly, feather-weight keratometer for paediatric use

09.46 Discussion

10.00 End of session

Room 18

09.00 – 10.00

Symposium

Intracranial Tumours That Affect Vision

Chairpersons: W. Lagrèze \textit{Germany} \\
S. Wei Leo \textit{Singapore}

09.00 I. Castèls \textit{Belgium} \\
Impact of neurofibromatosis for childhood vision

09.09 W. Lagrèze \textit{Germany} \\
Tuberous sclerosis complex and vigabatrin induced visual field defects

09.18 J. Matalia \textit{India} \\
The swollen disc: differential diagnosis and diagnostic management

09.27 A. Mallipatna \textit{India} \\
RB with intracranial/intraorbital extension: what next?

09.36 S. Kaliki \textit{India} \\
Optic nerve gliomas

09.45 Y. Bradfield \textit{USA} \\
\textit{Free Paper}: Cancer-associated retinopathy in paediatric intracranial tumour

09.50 Discussion

10.00 End of session
Room 19
09.00 – 10.00
Symposium

Early Intervention and Visual Rehabilitation

Chairpersons: L. Hyvärinen FINLAND
               J. Keeffe AUSTRALIA

09.00  L. Hyvärinen FINLAND
       The important first year

09.10  J. Keeffe AUSTRALIA
       Goals of children for rehabilitation

09.20  A. Adio NIGERIA
       Setting up early intervention services in Africa

09.30  P. Vijayalakshmi INDA
       The role of stakeholders in developing services

09.40  L. Gordillo PERU
       The role of NGOs in setting up early intervention services

09.50  Discussion

10.00  End of session

Room 20
10.15 – 11.30
Symposium

WSPOS/ICOI JOINT SYMPOSIUM
Ocular Infections in Children

Chairpersons: V. Jhanji HONG KONG
              A. Molinari ECUADOR

10.15  V. Jhanji HONG KONG
       Orthokeratology-related keratitis

10.23  W. Lau HONG KONG
       Neonatal conjunctivitis

10.31  A. Molinari ECUADOR
       Clinical manifestations of congenital toxoplasmosis

10.39  D. Weaver USA
       Acute and chronic dacryocystitis in children

10.47  A. Ramirez-Miranda MEXICO
       Clinical features and outcomes of therapeutic keratoplasty in children with infectious keratitis

10.55  G. Amescua USA
       Dealing with neonatal ocular infections: the Bascom Palmer/Jackson Memorial Hospital experience

11.03  T. O’Brien USA
       Preseptal and orbital cellulitis in children

11.11  K. Colby USA
       Free Paper. Paediatric herpes simplex of the anterior segment: characteristics, treatment, and outcomes

11.16  Discussion

11.30  End of session

Room 20
11.30 – 11.45
JAM Session

My World My Way

Chairperson: D. Granet USA

11.30  F. Cruz THE PHILIPPINES
       My world my way

11.34  I. Aznauryan RUSSIA
       New approach to strabismus

11.38  L. Pravda USA
       Vision for and from children

11.42  Discussion

11.45  End of session
Room 17

10.15 – 11.30
Symposium

Translational Medicine: Amblyopia
Chairpersons: J. Holmes USA
              A. Horwood UK

10.15  E. Al-Alawi BAHRAIN
       Why and how to screen for amblyopia

10.25  J. Holmes USA
       Optical treatment, patching and penalisation: the evidence

10.35  L. Colpa CANADA
       Behavioural training as treatment for adult amblyopia: a meta-analysis and review

10.45  R. Hess CANADA
       A new approach to treating amblyopia

10.55  E. Campos, M. Fresina, C. Benedetti ITALY
       Binocular treatment of amblyopia: an alternative view

11.05  A. Horwood UK
       Anisometropia, accommodation and amblyopia

11.15  Discussion

11.30  End of session

Room 18

10.15 – 11.30
Symposium

Translational Medicine: Anterior Segment
Chairpersons: B. Chauhan USA
              A. Khan SAUDI ARABIA

10.15  K. Lathrop USA
       Imaging the palisades of Vogt: application to paediatric ophthalmology

10.25  A. Khan SAUDI ARABIA
       Clinic to lab: the clinician-scientist approach for anterior segment genetic eye disease

10.35  S. Kinoshita JAPAN
       Rock drops

10.45  M. Fernandez INDIA
       Ocular surface stem cells

10.55  V. Perez USA
       Limbal stem cell transplantation: from bed to bench to bed

11.05  B. Chauhan USA
       Novel phenotype with PAX6 mutations: using functional studies to explain phenotype

11.15  Discussion

11.30  End of session
ROOM 19

10.15 – 11.30

Symposium

Artificial Substitutions and Restorative Vision

Chairperson: A. Nau USA

10.15 A. Amedi ISRAEL
Opening new frontiers in sensory substitution and visual rehabilitation: is it most promising in kids?

10.30 M. Proulx UK
Soundscapes generated by the Voice software

10.45 A. Nau USA
The BrainPORT for adults: psychophysical and neuroanatomical findings

11.00 E. Mitchell USA
BrainPORT in children

11.15 Discussion

11.30 End of session

ROOM 1

11.00 – 12.30

Symposium

WSPOS/EUCORNEA JOINT SYMPOSIUM
Paediatrics and Cornea

Moderators: D. Bremond-Gignac FRANCE
B. Cochener FRANCE

11.00 K.K. Nischal USA/UK
Keratoplasty in children

11.15 P. Nucci, E. Villani ITALY
In vivo confocal microscopy of the ocular surface

11.30 D. Bremond-Gignac, F. Chiambaretta FRANCE
How to manage ocular surface and keratoplasty in children with aniridia

11.45 J.J. Gicquel FRANCE
Ocular surface burns management in children

12.00 M. Labetoulle FRANCE
Viral infections in children

12.15 B. Früh SWITZERLAND
Keratoconus in children

12.30 End of session
Room 19
14.00 – 15.00
Symposium
Paediatric Ocular Oncology
Chairpersons: T. Kivela FINLAND
A. Singh USA

14.00 T. Kivela FINLAND
Retinoblastoma: global perspective

14.10 A. Mallipatna INDIA
Retinoblastoma: diagnostic assessment and therapy

14.20 S. Kaliki INDIA
Retinal vascular disorders

14.30 A. Singh USA
Pretectally detected tumors

14.40 M. Mvitu-Muaka, M. Muaka-Diela, S. Libe Waya, B. Longo-Mbenza DR CONGO
Free Paper: Comorbiditity of malnutrition associated with more fatal issue of chemoreduction of retinoblastoma among Congolese children

14.46 M. Mehyar, Y. Yousef, M. Al-Hussaini, I. Sultan, I. Jaradat, K. Al Rawashdeh, I. Nawaish JORDAN
Free Paper: The predictive value of TNM classification, the international classification, and Reese-Ellsworth staging of retinoblastoma for the likelihood of high risk pathologic features

14.52 Discussion

15.00 End of session

Room 20
14.00 – 16.00
Symposium
Paediatric Glaucoma
Chairpersons: N. Freeman SOUTH AFRICA
A. Serra Castanera SPAIN

14.00 E. Silva PORTUGAL
Approaches to ocular genetic evaluations

14.08 N. Freeman SOUTH AFRICA
Secondary glaucoma in children

14.16 K.K. Nischal USA/UK
What role do lens epithelial cells play in aphakic glaucoma?

14.24 M. Jaafar USA
Which drops to use for which type of paediatric glaucoma?

14.32 A. Serra Castanera SPAIN
Goniotomy: tips on technique, prevention on failure

14.40 S. Senthil INDIA
Strategies for management of refractory paediatric glaucoma

14.48 N. Bobrova, N. Trofimova, A. Dembovetskaya, T. Sorochynska UKRAINE
Free Paper: Viscosinusotrabeculotomy in primary congenital glaucoma surgery (3 years follow-up)

14.54 Discussion
Panelists: P. Hamel CANADA, S. Kaushik INDIA

15.01 C. Rolim BRAZIL
Case presentation

15.16 A. Adio, H. Nwachukwu NIGERIA
Free Paper: Extreme buphthalmos in Africa

15.22 N. Hasanova-Makhmudova, E. Kasimov, J. Hasanov AZERBAIJAN
Free Paper: Comparative evaluation of combined trabeculotomy-trabeculectomy vs combined trabeculotomy-trabeculectomy with subconjunctival implantation of collagen matrix implant for primary congenital glaucoma

15.28 S. Kaushik, I. Bala Dhiman, S. Kaur, P. Kataria, S. Raj, S. Pandav INDIA
Free Paper: Profile of childhood glaucoma in a tertiary care centre in Northern India

15.34 D. Islas-Hernández, M. Hofmann Blancas, J. Ledesma Gil, A. Navas Perez, G. Ledesma Gil, P. Cepeda-Vázquez, F. Mata Flores MEXICO
Free Paper: Angular structure-assessment in children with congenital glaucoma and healthy controls using anterior segment optical coherence tomography

15.40 Discussion

16.00 End of session
Room 17
14.00 – 16.00
Symposium

Lacrimal, Lids and Orbit

Chairpersons: D. Bremond-Gignac FRANCE
               H. Choi KOREA

14.00  P. Nucci ITALY
       Congenital NLDO

14.12  B. Mohney USA
       Congenital dacryostenosis and anisometropia

14.24  J. Mendiola Solari PERU
       Congenital dacryocystocele

14.36  W. Katowitz USA
       Orbital fractures in children

14.48  K. Tambe, R. Chen, M. Amesty, J. Baxter, T. Taylor UK
       Free Paper: The role of dynamic digital subtraction dacryocystography in paediatric epiphora

14.54  Questions and answers

15.06  D. Bremond-Gignac FRANCE
       Eyelid coloboma surgical management

15.12  J. Prat-Bartomeu SPAIN
       Managing congenital ptosis

15.24  H. Choi KOREA
       Astigmatism in epiblepharon

15.36  F. Chiambaretta FRANCE
       Management of blepharitis in paediatric ocular rosacea

15.48  Questions and answers

16.00  End of session

Room 18
14.00 – 16.00
Audience Directed Session

Strategies for Consecutive Deviations

Chairpersons: M. del Monte USA
              D. Gods BELGIUM

14.00  I. Reich d’Almeida PORTUGAL
       Examination of consecutive deviations

14.12  M. Mets USA
       How to avoid consecutive deviations

14.24  D. Thouvenin FRANCE
       Treatment of consecutive esotropia

14.36  M. ElCherbini EGYPT
       Treatment of consecutive exotropia

14.48  S. Gamio ARGENTINA
       Treatment of consecutive vertical deviations
       (including TAO, N IV, DVD)

15.00  S. Moguel Ancheita MEXICO
       Treatment of consecutive paralytic strabismus
       (N VI en N III)

15.12  D. Gods BELGIUM
       Non-surgical strategies for dealing with consecutive deviations

15.24  M. del Monte USA
       How to deal with unexpected surgical outcomes when dealing with consecutive deviations

15.36  Discussion

16.00  End of session
### Poster Village: Pod 3

**14.30 – 16.00**

#### Presented Poster Session

**Amblyopia, Suppression and Refractive Error**

**Moderators:**
- A. Toscano **PORTUGAL**
- R. Warman **USA**

<table>
<thead>
<tr>
<th>Time</th>
<th>Author</th>
<th>Country</th>
<th>Title</th>
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<tbody>
<tr>
<td>14.30</td>
<td>L. Yan, J. Fu, H. Chu, W. Lu</td>
<td><strong>CHINA</strong></td>
<td>Exploring the relationship between the visual acuity interocular differences and stereopsis in strabismus and amblyopia patients</td>
</tr>
<tr>
<td>14.40</td>
<td>S. Parija Dhall</td>
<td><strong>INDIA</strong></td>
<td>Quantitative analysis of macular thickness in amblyopic children in Eastern India: a prospective study</td>
</tr>
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<td>14.50</td>
<td>J. Ferreira Mendes, S. Guimaraes, C. Freitas, P. Barros, B. Santos-Silva, R. Leite, T. Queiros</td>
<td><strong>PORTUGAL</strong></td>
<td>PIMPOLHO, a project for prevention and treatment of amblyopia, and other ophthalmological abnormalities, in 4 year old population from Braga, Portugal</td>
</tr>
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<td>15.00</td>
<td>A. Antsiferova, I. Plisov, V. Chernykh, A. Chernyshevskiy</td>
<td><strong>RUSSIA</strong></td>
<td>A method of distant screening vision examination using telecommunication facilities: our 7 year experience</td>
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<td>15.10</td>
<td>L. Niyaz, N. Ariturk</td>
<td><strong>TURKEY</strong></td>
<td>Subfoveal choroidal thickness in children with amblyopia</td>
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<td>15.20</td>
<td>R. Singh, P. Sharma, R. Saxena, M. Sachdeva</td>
<td><strong>INDIA</strong></td>
<td>Evaluation of distance and near stereopsis in acquired cases of ametropia (myopes, hypermetropes, young unilateral pseudophakes)</td>
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<tr>
<td>15.30</td>
<td>R. Saxena, P. Vashist, R. Tandon, R. Pandey, P. Bhardwaj, V. Menon</td>
<td><strong>INDIA</strong></td>
<td>Prevalence of myopia and its risk factors in urban school children in Delhi: the North India myopia study</td>
</tr>
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<td>15.40</td>
<td>O. Yabas Kiziloglu, O. Toygar, B. Toygar, A. Hacimustafaoglu</td>
<td><strong>TURKEY</strong></td>
<td>Retinal nerve fibre layer thickness in healthy children measured with spectral domain optical coherence tomography</td>
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<td>15.50</td>
<td>L. Yan, W. Si, H. Chu, L. Li, L. Zhang, Q. Lin</td>
<td><strong>CHINA</strong></td>
<td>A new quantitative research of binocular suppression based on time-space relationship: clinical application of time-space two-dimensional characterization of binocular suppression in strabismus</td>
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<td><strong>16.00</strong> End of session</td>
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### Room 19

**15.00 – 16.00**

#### Symposium

**Paediatric Cornea and External Disease**

**Chairpersons:**
- D. Ademola-Popoola **NIGERIA**
- G. Zaidman **USA**

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<tr>
<td>15.00</td>
<td>D. Ademola-Popoola</td>
<td><strong>NIGERIA</strong></td>
<td>Common ocular surface issues in children in Nigeria</td>
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<tr>
<td>15.09</td>
<td>M. Fernandes</td>
<td><strong>INDIA</strong></td>
<td>Herpes simplex keratitis in children</td>
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<td>15.18</td>
<td>G. Zaidman</td>
<td><strong>USA</strong></td>
<td>Choosing the right procedure for a child with Peter’s anomaly</td>
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<td>15.27</td>
<td>J. Reddy</td>
<td><strong>INDIA</strong></td>
<td>Is the interface in endothelial keratoplasty truly clear?</td>
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<td>15.45</td>
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<td><strong>Discussion</strong></td>
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<td>16.00</td>
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</table>
Room 17
16.30 – 17.15
Symposium

Thyroid Eye Disease

Chairpersons: D. Granet USA
D. Kikkawa USA

16.30  L. Berganza MEXICO
Tips for strabismus in TED

16.38  J. Uddin UK
Key differences between paediatric and adult TED

16.46  M. González-Candial SPAIN
Orbital decompression: indicators and options

16.54  D. Kikkawa USA
Case studies

17.02  Y. Wei, X. Kang, M. del Monte CHINA
Free Paper: Enlargement of superior rectus and superior oblique caused intorsion in the Graves’ eye disease patients

17.07  Discussion

17.15  End of session

Room 19
16.30 – 17.15
Free Paper Session

Surgical Techniques

Moderators: A. Ali CANADA
N. Ziakas GREECE

16.30  M. Kamel, A. Swaleam EGYPT
Refractive surgery for accommodative esotropia

16.36  N. Schalij-Delfos, M. Sminia THE NETHERLANDS
Iris claw intraocular lens implantation in children and adolescents after lensectomy for ectopia lentis

16.42  A. Ali, U. Elbaz, R. Bains, R. Zuker, G. Borschel CANADA
Restoration of corneal sensation in anesthetic corneas with regional nerve transfers and nerve grafts

16.48  I. Kulikova, N. Pashtaev, I. Kulikov RUSSIA
Analysis of changes axial length of eye in children with hyperopic anisometropic amblyopia after femtosecond laser in situ keratomileusis

16.54  X. Kang, Y. Wei, K. Zhao CHINA
Surgical treatment of myopic strabismus fixus by modified Yokoyama’s surgery

17.00  Discussion

17.15  End of session
**Room 20**

**16.30 – 18.00**

**Symposium**

**Paediatric Cataract and Lens**

Chairpersons: M. Tartarella **BRAZIL**  
M. Younis **LEBANON**

16.30 **E. Wilson** **USA**  
Paediatric cataract surgery: what I am doing in 2015 and why

16.38 **A. Vasavada** **INDIA**  
Evaluation of optic capture in non traumatic and traumatic paediatric cataracts

16.46 **J. Diaz-Cascajosa** **SPAIN**  
Surgical management of the lens in persistent fetal vasculature

16.54 **M. Tartarella** **BRAZIL**  
Minimally invasive surgery in paediatric cataracts

17.02 **M. Younis** **LEBANON**  
Anterior capsule management, capsulorhexis

17.10 **F. Karfiati Memed** **INDONESIA**  
Repairing surgery after cataract surgery in children

17.18 **M.J. Tassignon** **BELGIUM**  
Long-term follow-up after bag-in-the-lens in children

17.26 **Panelists: S. Lambert** **USA**, J. Ram **INDIA**, N. Freeman **SOUTH AFRICA**  
Panel Discussion – IATS: what does it mean for the world?

17.56 Discussion

18.00 End of session

**Room 18**

**16.30 – 18.00**

**Symposium**

**Raised Intracranial Pressure: Culprits and Curses**

Chairpersons: **E. Mitchell** **USA**  
**P. Phillips** **USA**

16.30 **P. Phillips** **USA**  
Ophthalmologic signs of shunt failure

16.38 **E. Mitchell** **USA**  
To IIH or not to IIH: updates in diagnosis of pseudotumour cerebri

16.46 **C. Cleves** **COLOMBIA/USA**  
IIH: the paediatric neurologist approach

16.54 **K. Hutcheson** **USA**  
Malignant pseudotumour cerebri: don’t fiddle while Rome burns

17.02 **R. Keating** **USA**  
Shunting procedures for hydrocephalus and pseudotumor cerebri

17.14 **J. Peragallo** **USA**  
Secondary causes of pseudotumour cerebri

17.22 **V. Rajput**, J. Matalia, M. Kekatpure, S. Shirke, N. Kasturi **INDIA**  
Free Paper: Etiology and management of raised intracranial pressure in children: case series and review

17.28 **S. Handley**, D. Thompson, A. Liasis **UK**  
Free Paper: Artefact or pathology? Asymmetrical visual evoked potentials in children

17.34 **B. Deacon** **USA**  
Case presentations

17.42 Discussion

18.00 End of session
Room 17

17.15 – 18.15
Symposium

Can We Affect How Children Behave in our Clinics and OR?

Chairpersons:  R. Martin  UK
               I. Wong  SINGAPORE

17.15  R. Martin  UK
The management and reduction of procedure induced anxiety on children

17.38  I. Wong  SINGAPORE
Things I do to examine a child successfully

Tricks I Use To Examine Difficult Patients

17.50  S. Wei Leo  SINGAPORE
17.55  Y. Morad  ISRAEL
18.00  D. Granet  USA
18.05  N. Freeman  SOUTH AFRICA
18.10  Discussion
18.15  End of session

Room 19

17.15 – 18.15
Symposium

Exotropia

Chairpersons:  R. Saxena  INDIA
               K. Zhao  CHINA

17.15  P.F. Kaeser  SWITZERLAND
Non-surgical management of intermittent exotropia

17.24  K. Zhao  CHINA
Intermittent exotropia: appropriate time for surgery

17.33  G. Ellis Jr  USA
Pearls in management of exotropia (manage A/V pattern, large angle exotropia, adult patients and consecutive esotropia)

17.42  R. Saxena  INDIA
Binocular functions in exotropia

17.51  S. Dai  NEW ZEALAND
Large constant exotropia

18.00  Discussion
18.15  End of session
### Room 20

**08.00 – 09.30**

**Free Paper Session**

**Miscellaneous**

<table>
<thead>
<tr>
<th>Moderators</th>
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<tbody>
<tr>
<td>T. Jaffe ISRAEL</td>
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<tr>
<td>N. Schalij-Delfos THE NETHERLANDS</td>
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</table>

- **08.00** S. Araneda, C. Salgado, O. Berger, P. Altschwager, B. Alamos, F. Solanes, D. Veliz CHILE
  A new and more efficient cycloplegia scheme for children

- **08.06** J. Bhour TUNISIA
  Congenital ptosis and ocular motor disorders association

- **08.12** H. Eatamadi, N. Almansoori, A. Al Ali, A. Almazami UNITED ARAB EMIRATES
  When to intervene surgically in orbital cellulitis

- **08.18** C. Lai, L. Iu, J. Hung HONG KONG
  Changing trends in retinopathy of prematurity in Hong Kong: a 10 year review of incidence, screening and outcomes in a tertiary hospital

- **08.24** R. Desai, M. Trivedi, N. Potdar INDIA
  Incidence of ocular disorders in children diagnosed with academic difficulties in schools in Mumbai, India

- **08.30** T. Teleuova, A. Sharipova, A. Balmukhanova KAZAKHSTAN
  The medical geography of retinoblastoma in the Republic of Kazakhstan

- **08.36** S. Simkin, S. Misra, C. McGhee, S. Dai NEW ZEALAND
  ART-ROP: a real world telemedicine screening for retinopathy of prematurity

- **08.42** N. Tinh, L. Anh VIETNAM
  Refractive error in premature babies treated by intravitreal bevacizumab injection for ROP

- **08.48** A. Akanda, A. Hussain, F. Hossain, M. Matin, U. Sen, K. Chowdhury, N. Ferdauzi BANGLADESH
  Characteristics and clinical presentations of retinoblastoma in a tertiary public hospital of Bangladesh

- **08.54** H. Moller, J. Eriksen, M. Funding, P. Nejsum DENMARK
  Reindeer warble fly larva in the vitreous as a rare aetiology of uveitis

- **09.00** Y.F. Choong MALAYSIA
  Atosiban: a new risk factor for retinopathy of prematurity

- **09.06** S. Spain, J. Skillen, A. Blaikie, N. Boyle UK
  A comparison of two different modes of amblyopia therapy on density of suppression scores in patients with strabismic and aniso-strabismic amblyopia

- **09.12** Discussion

- **09.30** End of session

### Room 17

**08.00 – 09.30**

**Symposium**

**Mitochondrial Disease and the Eye**

<table>
<thead>
<tr>
<th>Chairpersons</th>
<th>Country/Region</th>
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<tr>
<td>R. Bowman UK</td>
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<tr>
<td>B. Young Chun KOREA</td>
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- **08.00** K.K. Nischal USA/UK
  Newer understandings of mitochondrial disease eg. nuclear gene defect and depletion syndromes

- **08.20** H.L. Scanga USA
  Role of idebenone in mitochondrial disease

- **08.40** R. Bowman UK
  Managing CPEO

- **09.00** B. Young Chun KOREA
  Mitochondrial disease and the retina

- **09.20** Discussion

- **09.30** End of session
Room 19

08.00 – 09.30
Symposium

Precision Medicine in Paediatric Ophthalmology and Strabismus

Chairpersons: S. Biswas UK
               R. Kekunnaya INDIA

08.00 P. Sergouniotis UK
High-throughput sequencing in congenital cataract and its role in diagnosing metabolic disease associated with cataract

08.12 S. Agarkar INDIA
Factors affecting surgical outcome in ocular myasthenia

08.24 R. Kekunnaya INDIA
Influence of patient’s anatomy on strabismus surgery

08.36 I. Gottlob UK
Does knowing a boy with nystagmus have FRMD7 mutation change my practice of management?

08.48 S. Biswas UK
Knowing the genotype of a corneal dystrophy affects therapy? Really?

09.00 A. Singh USA
Do genetic markers influence how I treat retinoblastoma?

09.12 Discussion

09.30 End of session

Room 18

08.00 – 09.55
Symposium

Imaging in Paediatric Ophthalmology

Chairpersons: D. Salchow GERMANY
               J. Schuman USA
               G. Zuccoli USA

08.00 J. Schuman USA
When you look at an OCT printout what tells you the scan is reliable?

08.12 D. Salchow GERMANY
OCT in amblyopia: what for?

08.24 K. Chan USA
Diffusion tensor MRI in paediatric ophthalmology: principles and pearls

08.36 G. Zuccoli USA
What are the newer MRI techniques that you should know about?

08.48 C.K. Patel UK
Wide field retinal imaging in children

09.00 A. Majander FINLAND
Anterior segment OCT

09.12 E. Silva PORTUGAL
Fundus autofluorescence in paediatric ophthalmology: patterns of recognition

09.24 W. Aclimandos UK
In utero fetal ultrasound: you won’t believe your eyes

09.36 A. Gulida UKRAINE
Free Paper: Changes of lamina cribrosa in patients with myopia

09.42 Discussion

09.55 End of session
Room 10
08.30 – 10.00
Symposium

WSPOS/ESCRS JOINT SYMPOSIUM

Congenital Cataract: To IOL or Not IOL

Chairpersons: R. Bellucci ITALY (ESCRS)
              K.K. Nischal USA/UK (WSPOS)

08.30  E. Wilson USA
       The evidence base in infant IOL

08.40  V. Pfeifer SLOVENIA
       When to implant and when not to implant an IOL in congenital cataract

08.50  Discussion

09.00  B. Dick GERMANY
       Laser-assisted paediatric cataract surgery: update and implication

09.10  A. Mataftsi GREECE
       Glaucoma and IOL

09.20  Discussion

09.30  M.J. Tassignon BELGIUM
       IOL in any case but not any IOL

09.40  R. Kekunnaya INDIA
       Infant IOLs and developing countries

09.50  Discussion

10.00  End of session

Low Vision, CVI and Screening

Moderators: N. Goldberg-Cohen ISRAEL
            N. Pehere INDIA

08.30  M. Kothari, D. Verma, H. Khandrani INDIA
       Estimation dynamic distance direct ophthalmoscopy (eDDDO): a novel method for objective quantification of accommodative amplitude in young children

08.40  O. Alvarez-Bulnes, L. Cavero-Roig, A. Monés-Llivina SPAIN
       Effect on cell phone screens on teenagers vision

08.50  M. Samant, S. Dey, B. Lal, S. Haldipurkar INDIA
       Low vision aid denial in children below 14 years of age: a pilot study

09.00  N. Aguiar Silva, B. Carvalho, L. Costa, M. Martins,
       M. Marques, A. Toscano PORTUGAL
       Paediatric visual conversion disorder: 2 case reports

09.10  N. Pehere INDIA
       Cognitive dysfunction in children with cerebral visual impairment (CVI): a tool for assessment and planning management strategies

09.20  I. Dunya, M. Younis, G. Hmeimiss, R. Seiff LEBANON
       Strabismus repair in children with varying severity of cerebral palsy

09.30  S. Akar, B. Gokyigit, E. Pinarci, S. Bayar, B. Oto,
       O. Yilmaz TURKEY
       Results of strabismus surgery in hypoactive children with psychomotor developmental delay compared with developmentally intact children

09.40  P. Hurakadli, S. Shah, S. Guha, S. Mittal, M. Agarwal,
       P. Parimal INDIA
       Long-term results of comitant esotropia surgery in patients with developmental delay

09.50  Discussion

10.00  End of session

Poster Village: Pod 3
08.30 – 10.00
Presented Poster Session

Low Vision, CVI and Screening

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            N. Pehere INDIA

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09.50  Discussion

10.00  End of session
Room 20
09.45 – 10.45
Symposium

Nystagmus Surgery
Chairpersons: R. Hertle USA
               M. Serafino ITALY

09.45  R. Hertle USA
        A clinical algorithm for treatment of infantile nystagmus syndrome

09.55  M. Serafino ITALY
        Clinical algorithm for diagnosis of different forms of nystagmus

10.05  L. Kowal AUSTRALIA
        How eye movement recordings have and have not helped me in managing childhood nystagmus: 50 consecutive cases

10.15  R. McLean UK
        Head posture surgery in nystagmus

10.25  L. Abel AUSTRALIA
        Beyond visual acuity and face turn: how can we better assess infantile nystagmus?

10.35  J. Bu, J. Liu, J. Dong, S. Si, Y. Jia, Z. Liu, L. Wang CHINA
        Free Paper: Previously unidentified deletion found in the GPR143 causing X-linked congenital nystagmus in a Chinese family

10.41  Discussion

10.45  End of session

Room 17
09.45 – 10.45
Symposium

Optic Neuritis
Chairpersons: K. Landau SWITZERLAND
               H. Lim KOREA

09.45  V. Rao Bhoompally INDIA
        Childhood optic neuritis and multiple sclerosis

09.57  H. Leiba ISRAEL
        Infectious optic neuritis in children

10.09  H. Lim KOREA
        Optic neuritis associated with autoantibodies

10.21  K. Landau SWITZERLAND
        Optic neuritis: what else?

10.33  Discussion

10.45  End of session

Room 20
10.45 – 11.00
JAM Session

My World My Way
Chairperson: K.K. Nischal USA/UK

10.45  R. Sethi INDIA
        Arunodaya Charitable Trust: reaching the unreached

10.49  R. Warman USA
        Paediatric ophthalmology in Miami: 20 years perspective

10.53  M. Makan ZIMBABWE
        Free Paper: Paediatric ophthalmology, Zimbabwe’s journey

10.57  Discussion

11.00  End of session
Room 19
09.45 – 10.45
Symposium
Craniosynostosis: What’s What
Chairpersons: L. Dagi USA
K. Tan AUSTRALIA

09.45 M. Mets USA
Genetics related to craniosynostosis

09.53 B. Korn USA
3D printing parts as implants for the body

10.01 L. Dagi USA
Posterior orbital changes and excyclorotation of the extraocular muscles

10.09 K. Tan AUSTRALIA
Managing strabismus from craniosynostosis

10.17 K.K. Nischal USA/UK
Visual surveillance in patients with craniosynostosis using VEPs

10.25 Questions and answers

10.40 H.L. Scanga USA
*Free Paper*: Craniofrontonasal dysplasia: not always in girls

10.45 End of session

Room 18
10.05 – 10.45
Symposium
Strabismus in Myopia
Chairpersons: J. Yam HONG KONG
T. Yokoyama JAPAN

10.05 T. Yokoyama JAPAN
Imaging of highly myopic strabismus

10.12 R. Kekunnaya INDIA
Long-term stability of the SR-LR union

10.19 J. Yam HONG KONG
SR-LR union with scleral fixation vs without fixation

10.26 M. Kazlas USA
Loop myopexy: a transposition procedure in disguise?

10.33 L. Kowal AUSTRALIA
New diplopia after Yokoyama surgery

10.40 Y. Morad, A. Nemet ISRAEL
*Free Paper*: Muscle displacement esotropia: much more common than you think

10.45 End of session
Room 17
11.45 – 12.30
Symposium

Signs in Paediatric Ophthalmology and Strabismus: Videos

Chairpersons:  A. Chia SINGAPORE
               S. Dai NEW ZEALAND

11.45  J. Holmes USA
       Signs in Brown syndrome

11.50  J. Dickson NEW ZEALAND
       Matching the defect: combined recession/resection rectus muscle surgery

11.55  A. Chia SINGAPORE
       Incontinentia pigmenti

12.00  J. Reynolds USA
       Anti-VEGF treatment of ROP: which drug and why?

12.05  S. Dai NEW ZEALAND
       Retropupil fixation of Verisyis IOL for paediatric aphakia

12.10  J. Lopez CHILE
       Unexpected finding in the lens during congenital glaucoma surgery

12.15  Discussion

12.30  End of session

Room 18
11.45 – 12.30
Symposium

Ocular Surface Disease and Stem Cells

Chairpersons:  S. Kinoshita JAPAN
               W. Moore UK

11.45  J. Reddy INDIA
       Stem cells

11.53  S. Lazreg ALGERIA
       Blepharitis treatment options in the paediatric population

12.01  W. Moore UK
       Anti-VEGF treatment for corneal disease in kids

12.09  S. Kinoshita JAPAN
       The pathogenesis and treatment of meibomitis related keratoconjunctivitis in children

12.17  Discussion

12.30  End of session
**Room 20**

13.45 – 15.15
Symposium

**Retina Genetics**  
*for the Paediatric Ophthalmologist*

**Chairpersons:**  
E. Silva  
*PORTUGAL*

E. Traboulsi  
*USA*

13.45  
D. Mackey  
*AUSTRALIA*  
Global assessment of retinal dystrophies

13.57  
A. Khan  
*SAUDI ARABIA*  
Paediatric cone dystrophies and dysfunctions

14.09  
S. Al-Zuhaibi  
*OMAN*  
NR2E3 related retinopathy

14.21  
E. Silva  
*PORTUGAL*  
Usher syndrome and ciliopathies update

14.33  
E. Traboulsi  
*USA*  
Update on Stargardt disease

14.45  
E. Traboulsi, E. Silva  
*PORTUGAL*  
Systemic diseases: challenging retinal dystrophy cases

14.49  
Discussion and/or case presentation

15.15  
End of session

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**Room 17**

13.45 – 15.15
Symposium

**ROP**

**Chairpersons:**  
W. Aclimandos  
*UK*

A. Zinn  
*BRAZIL*

13.45  
N. Schalij-Delfos  
*THE NETHERLANDS*  
Retinopathy of prematurity in The Netherlands

13.55  
G. Gole  
*AUSTRALIA*  
Retinopathy of prematurity in Australia

14.05  
K. Fedchuk  
*UKRAINE*  
Retinopathy of prematurity in the Ukraine

14.15  
T. Pollock  
*SOUTH AFRICA*  
Retinopathy of prematurity in South Africa

14.25  
H. Khattab  
*EGYPT*  
Retinopathy of prematurity in Egypt

14.35  
R. Sitorus  
*INDONESIA*  
Retinopathy of prematurity in Indonesia

14.45  
N. Xuan Tinh  
*VIETNAM*  
Retinopathy of prematurity in Vietnam

14.55  
L. Gordillo  
*PERU*  
Retinopathy of prematurity in Peru

15.05  
Discussion

15.15  
End of session
**Poster Village: Pod 3**

14.00 – 15.30
Presented Poster Session

**Cornea, Glaucoma and Genetics**

**Moderators:**
- Y. Morad **ISRAEL**
- M. Tekavcic Pompe **SLOVENIA**

14.00  M. Guerra, M. Marques, C. Arriaga, M. Domingues, D. Paiva, M. Salgado, R. Castela **PORTUGAL**
Ocular rosacea in childhood: 8 cases reported

14.10  E. Jurado González, B. Noemi, N. Planas Domenech **SPAIN**
Deep anterior lamellar keratoplasty in children

14.20  C. Yildirim, S. Acer, E. Cetin **TURKEY**
Riboflavin-UV A-induced corneal cross-linking in paediatric patients: 2 year follow-up results

14.30  A. Kulkarni, J. Ainsworth, M. Parulekar, P. Bradbury, D. Williams, T. Barrett **UK**
Patterns of eye involvement in special forms of paediatric onset diabetes including ciliopathies

14.40  R. El Essawy, A. Faesaal **EGYPT**
Unilateral congenital glaucoma may not always be the whole picture

14.50  Y. Yousef, I. Jaradat, I. Sultan, R. Deebajah, D. Mehyar, I. Nawaiseh **JORDAN**
Outcome of management of eyes with retinoblastoma that received inadequate initial therapy

15.00  L. Mattioli, S. Madi, M. Busin **ITALY**
Outcomes of Descemet stripping automated endothelial keratoplasty (DSAEK) performed in children younger than 16 years

15.10  Discussion

15.30  End of session

**Room 20**

15.15 – 16.45
Symposium

**Incomitant Strabismus**

**Chairpersons:**
- E. Cumhur Sener **TURKEY**
- F. Velez **USA**

15.15  F. Velez **USA**
“Pulleys” in the management of incomitant strabismus

15.25  E. Cumhur Sener **TURKEY**
Strabismus surgery of CFEOM

15.35  A. Rizk **EGYPT**
Are there real differences between posterior myoscleropexy vs pulley faden vs recess resect adjustable surgery

15.45  S. Gamio **ARGENTINA**
Incomitant DVD

15.55  Y. Morad **ISRAEL**
Duane syndrome

16.05  S. Guha **INDIA**
Brown syndrome

16.15  D. Coats **USA**
Abducens palsy: using your sixth sense

16.25  P.F. Kaeser **SWITZERLAND**
The incomitant dysfunctional superior oblique

16.35  Discussion

16.45  End of session
Room 17
15.15 – 16.45
Free Paper Session

Miscellaneous
Moderators: D. Parbhoo SOUTH AFRICA
            F. Prieto-Diaz ARGENTINA

15.15  M. Moosajee, D. Tracey-White, V. De Luca, A. Moore,
        A. Webster, C. Hamel, V. Kalatzis UK
        Nonsense suppression therapy to treat choroideremia

15.21  B. Dawidowsky, A. Klobucar CROATIA
        Convergence insufficiency and ADHD: does a connection
        really exist?

15.27  A. Horwood, S. Toor, P. Riddell UK
        What should we expect of monocular accommodation?

15.33  N. Sehar PAKISTAN
        Improvement in visual acuity in children with low vision
        using low vision devices

15.39  C. Kowarski, C. Orssaud, C. Faucher, C. Carlu,
        P. Serge FRANCE
        Vision screening questionnaire (VSQ) for detecting
        the symptoms of vision anomalies impacting academic
        achievement

15.45  K. Arthur USA, K.K. Nischal USA/UK
        Are stainless steel metal calipers a standard of measurement
        of the past?

15.51  M. Mostafa Hossain, M. Khatoon, R. Sultana,
        Q. Iftekhar BANGLADESH
        Stereopsis following delayed surgery in early-onset strabismus

15.57  L. Mohan, R. Batt, P. Krishnan INDIA
        Corelation between refractive status and intermittent
        exotropia

16.03  P. Prakash, R. Jain, Z. Chaudhuri INDIA
        Torsional changes after horizontal rectus muscle surgeries

16.09  R. Carelli, A. Magli, F. Esposito, D. Bruzzone ITALY
        Essential infantile exotropia: postoperative sensory outcomes
        of strabismus surgery

16.15  J. Ferris, J. Hadlington, R. Hunn, N. Rudge UK
        Squintclinic.com: a global patient information website for
        patients with strabismus

16.21  G. Ellis Jr, C. Pritchard, L. Baham, A. Babiuch USA
        Medial rectus surgery for convergence excess exotropia with an
        accommodative component: a comparison of augmented
        recession, slanted accommodation, and recession with posterior
        fixation

16.27  T. Ozturk, H. Doruk, A. Yaman, A. Berk TURKEY
        I am so glad I did

16.33  Discussion

16.45  End of session

Room 18
15.15 – 16.45
Symposium

Retina Surgical
Chairpersons: W. Lam CANADA
              K. Olsen USA
              C.K. Patel UK

Part 1
15.15  T. Lee USA
        Instrumentation and paediatric retinal surgery

15.30  W. Lam CANADA
        New approach to the management of retinal detachment
        associated with optic nerve coloboma

Part 2
15.40  A. Kychenthal CHILE
        ROP: APROP – surgical pearls to improve outcomes

15.50  A. Stahl GERMANY
        ROP: update on anti-VEGF trials in ROP

Part 3
16.00  C.K. Patel UK
        Challenging paediatric VR case: proliferative retinopathy

16.07  C. Wong UK
        Endoscopic surgery for stage 4b ROP

16.14  R. Henderson UK
        Challenging paediatric VR case

16.21  K. Olsen USA
        Challenging paediatric VR case

16.28  W. Wu TAIWAN
        Challenging paediatric VR case

16.35  S. Agarkar, V. Gokhle INDIA
        Free Paper: Retinal detachment after cataract surgery in
        children

16.40  I. Casal, S. Monteiro, C. Vale, V. Miranda, R. Parreira,
        A. Meireles, P. Meneres PORTUGAL
        Free Paper: Vitrectomy in paediatric ocular injuries

16.45  End of session
**Amblyopia & Vision Screening / Testing**

**P. Agrawal, A. Khurana, M. Das, M. Kumar**  
Indian Paediatric Ophthalmology: An upcoming specialty in developing countries: Challenges and Solutions

**A. Ahmad Shokouh, F. Fakhireh, F. Fakhireh**  
Preschool screening in amblyopia, binocular vision or both

**S. Akar, B. Gokcyigit, F. Onmez, S. Bayar, S. Oto, O. Yilmaz**  
Risk factors for the lack of vision improvement following treatment of anisometropic amblyopia

**E. Alihuseynli, E. Aliyev, A. Abdullayeva**  
Prevalence of refractive error types among children living in Sumgait City of Azerbaijan

**K. Amin, J. Hamilton, S. Coupland**  
Structural and functional effects of anisometropic amblyopia on ganglion cell development

**J. Beato, J. Barbosa-Breda, C. Sofia-Ferreira, R. Santos-Silva, J. Breda, F. Falcao-Reis, A. Magalhaes**  
Microperimetry findings of anisometropic children without manifest strabismus and comparison with controls

**B. Blaha, W. Churchfield, C. Fulwyle, A. Medsinge**  
Comparisons of Cardifc acuity cards (CAC) with prism heteroptera fixation test for testing of monocular vision deficit in non-verbal children

**F. Blyth, A. Kostakis, N. Al Kabir**  
An observational study of ophthalmological and social communication difficulties encountered during the preschool years of babies born during 2010 and 2011 to substance misusing mothers

Contrast sensitivity markedly diminished in amblyopic eye and remain diminished even after improvement of visual acuity with occlusion therapy

**A. Dawkins**  
Using an electronic patient record (EPR) to audit school vision screening treatment outcomes

**N. Ferdausi, A. Hussain, M. Matin, N. Begum, A. Akand, Z. Shiju, S. Gazi**  
Screening of amblyogenic risk factors in children of urban slum in Bangladesh: using the pulse-optix-photo-screener

**N. Fernandez, C. Lanca**  
Assessment of visual function in children with multiple disabilities: 2 case studies of children with cerebral palsy

**E. Gajdosova, S. Bivas, J. Ashworth, J. Kilday, S. Stivaros, S. Huson, I. Lloyd**  
Amblyopia treatment in children with neurofibromatosis type 1 and related optic pathway gliomas

**R. Gama, T. Nom, D. Costa, R. Costa, C. Relha, J. Santos**  
Is the sphere value measured by an autorefractor reliable in children under cycloplegia? Comparison with streak retinoscopy

**A. Ganguly, A. Chattopadhay**  
A correlation of birth weight to refractive outcomes in treated prethreshold retinopathy of prematurity children

**S. Gazi, K. Anwar**  
Ocular manifestation of neurodevelopmental disorder in children of Bangladesh

**R. Goncalves, J. Lemos, I. Ribeiro, A. Mota, C. Mateus, B. Vieira**  
A comparison of photorefraction with Plusoptix A09 and cycloplegic refraction in children

**T. Goncu, A. Cakmak, A. Akal, S. Cakmak**  
Assessment of refractive state and central corneal thickness in neonates of diabetic mothers

**L. Hamm, Z. Chen, J. Li, M. Yu, J. Black, S. Dai**  
B. Thompson  
Treatment of deprivation amblyopia with contrast balanced dichoptic training

**S. Handa, J. Lim, G. Lim, A. Chia**  
Factors affecting pupil reactivity after cycloplegia in Asian children

**A. Hussain, N. Ferdausi**  
A public health approach for addressing amblyopia in Bangladesh

**P. Jain, M. Kothari, V. Gode**  
Bruckner test, a novel technique for the rapid detection of refractive errors in children by the paediatricians

**P. Jain, M. Kothari**  
Evaluation of CSM (central, steady, maintained) fixation grading for predicting inter-eye visual acuity difference to diagnose and treat amblyopia in strabismic patients

**G. Kaya**  
The evaluation of short-term occlusion and cam treatment with amblyopia success index in different amblyopia groups

**P. Kurukulasuriya Siriswardena**  
A retrospective analysis of intervention therapy for ametropic and anisometropic amblyopia conducted at a base hospital

**I. Kuzhda, V. Serdyuchenko, O. Pityk**  
Peculiarities of accommodation in children with with-the-rule astigmatism

**J. Lemos, R. Goncalves, I. Ribeiro, A. Mota, C. Mateus, B. Vieira**  
Is noncycloplegic photorefraction with Plusoptix A09 applicable for screening refractive amblyopia risk factors?

**A. Llorca-Cardeñosa, S. Luna-Marine, J. Diaz-Cascajosa**  
Syndrome of myelinated retinal nerve fibers, myopia and amblyopia: a review of our case series

**G. Martella, V. Cima, S. Crisafulli, A. Salerni, A. Dickmann**  
Proposals of visual training in children with eye movements disorder

**I. Martins de Almeida, C. Ferreira, A. Barros, R. Almeida, M. Monteiro, J. Chibante Pedro**  
Striaatsma’s syndrome, a clinical case

**A. Miranda, N. Marques, S. Barros, J. Cardoso, P. Telles, N. Campos**  
Accommodation amplitude reduction caused by oxybutynin and its importance on children

Amblyopia prevalence in a population screened between 3 and 6 years of age

**L. Niyaz, O. Eski Yucel, H. Eser**  
Corneal pachymetry and intraocular pressure measured by tono-pen and non-contact tonometers in school children aged 6-14 years

**T. Oppedal, P. Salvanos**  
Ametropic amblyopia from forceps delivery
POSTER PRESENTATIONS

M. Patil, A. Mallipatna, V. Kemmanu, S. Baliga, B. Shetty **INDIA**
Infrared photorefraction is more sensitive in the detection of visually significant refractive errors in school children when compared to visual acuity measurement alone

S. Rahmatullah, S. Masum **BANGLADESH**
Progression of simple myopia among children age ranges between 6 years to 12 years in three schools: an observation

Z. Rajai, H. Sabbaghi, A. Shojaei, M. Yaseri, H. Moin, S. Akbarian Nia, N. Haftabadi **IRAN**
The prevalence of amblyopia and refractive errors among 7-12 year old primary school children of Tehran, Iran

J. Rebic-Jelic, M. Ljuticja **SERBIA**
Early refractive outcome and presence of strabismus in premature infants after intravitrine bevacizumab for retinopathy of prematurity

Visual prognosis of anisomypic amblyopia associated with myelinated optic nerve fibre

Amblyogenic risk factors screening in 1 year old children: 9 years of photoscreening

H. Sabbaghi, Z. Rajai, A. Shojaei, M. Yaseri, K. Sheibani, G. Norouzi **IRAN**
The prevalence of color vision deficiency and its correlation with amblyopia and refractive error among school children

R. Saxena, P. Vashist, R. Tandon, R. Pandey, A. Bhardwaj, V. Menon **INDIA**
Evaluation of school based primary care management compared to hospital based management of amblyopia

S. Simkin, S. Misra, A. Kasture, C. McGhee, S. Dai **NEW ZEALAND**
SVOP visual field testing in moderate to severely visually impaired children

Role and validity of cycloplegic autorefraction in children

A. Singh, P. Sharma, R. Saxena **INDIA**
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L. Solé González, E. Capote Yanes, B. Acosta Acosta, J. Alvarez Marin, P. Abreu Reyes **SPAIN**
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D. Xu, M. Shen, Y. Shao, D. Xu, Y. Yuan **CHINA**
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M. Alarcón, A. Villalon, R. Martin, N. Valdes, M. Vaquero **SPAIN**
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A. Ali, U. Elbaz, C. Shen, K. Mireskandari **CANADA**
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T. Althomali, A. Awad **SAUDI ARABIA**
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R. Carelli, E. Chiariello Vecchio, S. Troisi, F. Di Landro, A. Greco, A. Magli **ITALY**
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C. Catt, K. Mireskandari, A. Ali **AUSTRALIA**
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R. Donoso, J. Lopez, P. Montecinos **CHILE**
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R. El Essawy, I. Salem, K. Abou Sedeira **EGYPT**
Results of balloon dacryoplasty compared to nasolacrimal duct intubation in cases of epiphora due to congenital nasolacrimal duct obstruction with failed previous probing or intubation

M. Fortunato, A. Tortoro **ITALY**
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A. Gotz-Wieckowska, M. Pawlak **POLAND**
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J. Jedrzejczak-Młodziejewska, B. Kocyla-Karczmarewicz **POLAND**
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D. Khurram, A. Gurbaxani, Q. Qasem, D. Khurram, A. Gurbaxani, Q. Qasem **IRAN**
Therapeutic effects of topical 0.03% tacrolimus ointment in the treatment of refractory vernal keratoconjunctivitis in children

J. Kim, A. Medisne, B. Chauhan, C. Wiest, W. Moore, K.K. Nischal **USA**
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S. Acer, S. Yimaz Agliagioglou, G. Pekel, B. Ozhan, E. Cetin, E. Yagci, C. Yildirim TURKEY
Effects of childhood obesity in lens nucleus assessed by Pentacam HR lens densitometry

D. Barchanowska, E. Filipek, L. Nawrocka, M. Forminska-Kapuscik, E. Porwik POLAND
Visual functions in children after subluxated lens surgery: pars plana lensectomy

S. Barros, S. Parreira, N. Marques, A. Miranda, J. Cardoso, F. Fraga, N. Campos PORTUGAL
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R. Carelli, A. Magli, R. Forte, E. Chiariello Vecchio, F. Esposito, A. Torre ITALY
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M. Danq CANADA
The impact of a global cataract database on paediatric cataract blindness prevention

T. Dhamankar, S. Ganesh, R. Mehta INDIA
5-year audit of paediatric cataract surgeries

A. Diandomba DR CONGO
Challenges in the management of paediatric cataract in a developing country

E. Filipek, M. Forminska-Kapuscik, E. Mrukwa-Kominek, L. Nawrocka, E. Porwik POLAND
Secondary posterior chamber foldable intraocular lens implantation (IOL) in children after congenital cataract surgery

M. Halilbasi , A. Nadarevic Vodencarevic, J. Zvornicanin, Z. Musanovic, A. Halilbasic BOSNIA AND HERZEGOVINA
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A. Iavishina, N. Korshunova, M. Gulyayev, V. Neyasov, O. Marakhtanova, V. Malyshев RUSSIA
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L. Keykina, G. Begimbaeva, E. Chuikyeva KAZAKHSTAN
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S. Khokhar, C. Jose, B. Patil, T. Agarwal INDIA
Paediatric cataract presentation at tertiary eye care center in India

N. Meshad, A. Alei El Din, A. Risk EGYPT
Updates of intraocular lens implantation in Egyptian children

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M. Noronha, B. Carvalho, A. Paixao, M. Marques, H. Monteiro, A. Toscano, J. Pita Negro PORTUGAL
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G. Parkhomenko, A. Kovalenko, A. Farafonov UKRAINE
Phacoemulsification of complicated progressive congenital anterior polar cataract

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M. Ami, J. Che Hamzah, N. Din MALAYSIA
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Z. Behrouzi IRAN
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S. Bhat, M. Patil, N. Mendonca INDIA
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E. Filipek, M. Forminska-Kapuscik, E. Zielinska-Pajak, L. Nawrocka, E. Pieczara POLAND
The estimation of treatment and anatomical condition in children with primary congenital glaucoma and morphological evaluation of iridocorneal angle samples obtained during trabeculectomy

B. Gokyigit, B. Satana, C. Altan, B. Basarir, N. Alagöz TURKEY
Corneal thickness and its correlation with axial length in paediatric high hyperopia in Turkey

L. Gravina, M. Fortunato, C. Massaro, A. Menna, A. Depino, A. Turtoro, E. Melina ITALY
Viscocanalostomy for treatment of paediatric glaucoma secondary to Sturge Weber syndrome

L. Gravina, M. Fortunato, C. Massaro, A. Menna, A. Depino, A. Turtoro, E. Melina ITALY
Treatment of infantile neovascular glaucoma with intracameral bevacizumab: case report

I. Jawaid, R. Lambley UK
Primary congenital glaucoma presenting before the estimated delivery date in a pre-term infant, complicated by retinopathy of prematurity

T. Kar, P. Vijayalakshmi, M. Anil Kumar, A. Bhattacharjee INDIA
Risk factors, time of onset and management outcomes of glaucoma in aphakic children operated for congenital/developmental cataract

V. Maric, P. Hentova-Sencanic, V. Markovic, M. Bozic, I. Marjanovic SERBIA
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V. Tailor, A. Dahlmann-Noor, G. Adams, M. Papadopolous, P. Khaw, J. Brookes UK
Quality of life in congenital cataract or childhood glaucoma: a survey of children and their families

J. Tatsios, N. Torun, D. Salchow GERMANY
Treatment of paediatric glaucoma after cataract-surgery with ab interno trabeculectomy

M. Tekavcic Pompe SLOVENIA
Bearveldt glaucoma valve in management of secondary glaucoma after congenital cataract surgery

A. Wolf, A. Melamud, O. Geyer ISRAEL
Ahmed glaucoma valve implantation in childhood glaucoma

A. Wolf, Y. Morad, A. Melamud, L. Benyamini, O. Reish, O. Geyer ISRAEL
Rhizomelic chondrodysplasia punctata type II

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D. Alcorn USA
Ocular features of NGLY1 deficiency

A. Almeida, P. Simoes, J. Costa PORTUGAL
Proteus syndrome: a novel ophthalmic manifestation

A. Azevedo, R. Gama, C. Goncalves, F. Silva, M. Miranda PORTUGAL
Clinical and imaging findings in long chain 3-hydroxy-acyl-CoA dehydrogenase (LCHAD) deficiency

J. Barrio-Barrio, E. Bonet, M. Galdos, S. Nowal, V. Pueyo, B. Alfonso, S. Recalde PORTUGAL
25 gauge sutureless lensectomy in paediatric cataracts

I. Zaidullin, M. Bikbow RUSSIA
Long-term complications after congenital cataract aspiration with flexible IOL implantation in infants
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P. Gil, J. Quadros Gil, J. Marques, V. Ferreira, T. Castelo, M. Torres, C. Paiva PORTUGAL
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D. Montvilaite, S. Stech LITHUANIA
Ophthalmological outcome and anthropometric values of preterm children at preschool age

S. Nishanth, M. Swaminathan, S. Gopalakrishnan INDIA
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A. Pacifici, R. Galbo, S. Crisafulli, M. Petrianni, P. Sasso, F. Amore ITALY
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E. Tomás-Verduraz, L. Ortiz-Leon, A. Llorente, E. Santolaria SPAIN
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T. Tsibulskaya, T. Zavgorodnyaya UKRAINE
Changes of accommodative function in eyes of children with myopia under the influence of orthokeratology lenses

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I. Abduradirova, Y. Madjidova UZBEKISTAN
Clinico-ophthalmologic features of visual impairment in children with cerebral palsy

M. Acuna Salles, P. Pascual Ruiz, L. Cabrejas Martinez, M. Alonso Peralta SPAIN
Unilateral optic neuritis and venous sinus thrombosis related to myelin-oligodendrocyte glycoprotein (MOG) antibodies. Case report

S. Akca Bayar, S. Akar, S. Oto TURKEY
Sixth nerve palsy in paediatric patients

C. Azhina, N. Oliveira, C. Fonseca, A. Silva, G. Castela, R. Castela PORTUGAL
Recurrant incomplete 3rd cranial nerve paralysis in a child

M. Badr SAUDI ARABIA
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E. Balliu, A. Bushati ALBANIA
Bilateral optic neuritis post viral on children: case report

N. Firman Syah, P. Seskoati INDONESIA
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C. Freitas, P. Barros, R. Santos-Silva, S. Guimaraes PORTUGAL
Case report: unilateral accommodative spasm following head trauma?

C. Gomez Cabrera, M. Perez Cabeza, A. Morales Becerraa, J. Escudero Gomez SPAIN
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R. Goncalves, A. Mota, I. Ribeiro, C. Menezes, J. Lemos, P. Coelho PORTUGAL
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E. Infantes Molina, A. Fidalgo Broncano, L. Riveira Villalobos, A. Barrajon Rodriguez, F. Lopez Arroquia, L. Alfaya Munoz, M. Pradas Gonzalez SPAIN
Child bilateral demyelinating optic neuritis

B. Jelliti, A. Chebbah, R. Kahloun, N. Abroug, S. Zaouali, M. Khairallah TUNISIA
Optic neuritis revealing acute disseminated encephalomyelitis: 2 paediatric cases

E. Kouali, M. Badeka, P. Kalouda, A. Evangelion, G. Sakkias GREECE
Juvenile myasthenia gravis (JMG) with ocular involvement in a 5 year old caucasian boy

Y. Lee, J. Shin SOUTH KOREA
Final diagnosis of paediatric patients who have poor vision with normal-looking eye examination

A. Liapis, S. Handley, R. Bowman UK
A case of acquired periodic alternating nystagmus (PAN) after resection of a medulloblastoma

K. Mahmoudi, F. Bouras ALGERIA
Oedema papillary reveals a multiple hydatidosis

C. Menezes, R. Goncalves, P. Moreira, I. Ribeiro, R. Gomes, J. Lemos, P. Coelho POLAND
Paediatric recurrent benign sixth nerve palsy: a new case report

D. Mitry, K. Northstone, C. Gilbert, C. Williams, R. Bowman UK
Perceptual visual dysfunction, physical impairment and quality of life in Bangladeshi children with cerebral palsy

A. Mgnani, A. Fernandez Guardiola SPAIN
A case report of an auto-resolved papillitis in an 11 year old boy

A. Olechowski, B. Koecyla-Karczewicz, K. Kanigowska, W. Hautz POLAND
Sophisticated diagnostic tests in differential diagnosis of functional vision loss (FVL)

V. Panteli, A. Liapis, R. Bowman UK
Visual function and compensatory mechanisms in patients with hemianopia after functional hemispherectomy

R. Rajagopal, V. Fu, R. Hertle, G. Zuccoli, K.K. Nischal USA/UK
Hemi-achiasma in an otherwise healthy woman

C. Rubio Rodriguez, B. Acosta Acosta, R. Rodriguez Gil, J. Delgado Miranda SPAIN
1st transposition muscular surgery performed in a patient with sixth nerve palsy cranial secondary a traumatic cartotid-cavernous fistula

A. Sari, I. Goksel, C. Sundu, C. Oktay, TURKEY
Visual evoked potential in paediatric cases: indications and correlation with clinical findings

A. Sharma, P. Pandey, S. Sood, A. Singh INDIA
Atypical presentation of pituitary adenoma as postganglionic Horner’s syndrome

B. Shenoy, R. Bowman, D. Thompson, A. Liapis UK
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B. Shenoy, R. Bowman UK
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M. Younis, A. Mansour, R. Dakrouh, M. Bhatti LEBANON
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S. Kim, S. Lee SOUTH KOREA
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I. Leal, J. Pinto, C. Perpetua, M. Canastro, E. Neto, F. Pinto PORTUGAL
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R. Mahouche, K. Mahmoudi ALGERIA
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A. Papp, G. Dorner, T. Neumayer AUSTRIA
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Z. Seymen, E. Eris, M. Sehmus Aslan, L. Niyaz, A. Ozkaya, I. Perente TURKEY
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A. Hussain, N. Ferdausi, M. Ahmed Bangladesh Paediatric eye care services in Bangladesh: GO-INGO collaboration

A. Jayapraksh Patil, M. Waszkiele, P. Harman, N. Walsh UK
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Prevalence of childhood ocular morbidity and blindness and barriers to access of eye care services in South India

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N. Kozina Russia
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Time trends reveal a decrease of childhood blindness in Israel

M. Miromi Israel
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I. Perente, O. Ocak, B. Gokyigit, M. Ozveren, A. Inal, F. Ozcelik, B. Basarit Turkey
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U. Sen, A. Hussain, F. Hossain, A. Akanda, S. Alam, K. Chowdry, M. Matin Bangladesh
Evaluation of paediatric ocular trauma at a tertiary public hospital in Bangladesh (NIO&H)

S. Shamu, S. Chikombore, C. Chidziva, J. Matsekete, T. Bandason Zimbabwe
1st year audit of the children’s eye unit at Parirenyatwa group of Hospitals (PGH), Harare, Zimbabwe (July 2012 June 2013)

S. Shamu, S. Chikombore, C. Chidziva, T. Bandason, J. Matsekete Zimbabwe
Aetiology of eye injuries in children under 12 years of age presenting at Parirenyatwa group of Hospitals (PGH), children’s eye unit, Zimbabwe

A. Skriapa-Manta, M. Olson, R. Wickstrom, U. Ek, K. Tear-Fahnehjelm Sweden
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R. Sultana, M. Atiquzzaman, M. Hossain, A. Azad, C. Sultana Bangladesh Incidence and severity of keratoconus among the paediatric patients with vernal keratoconjunctivitis in tertiary center

M. Ulaikere, A. Hassan, T. Alarape Nigeria
Impact assessment of a funding grant on paediatric ophthalmic services in southwestern Nigeria

F. Yang, F. Foo, S. Wei Leo Singapore
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I. Deryapa, N. Karandiuk UKRAINE
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A. Jones, N. Uddin, D. McGregor, S. Jain  UK
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K. Kamlesh, S. Gooyal, B. Karothiya, R. Choudhury, S. Anand  INDIA
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U. Karaca, O. Ceylan, H. Altinsoy  TURKEY
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Traumatic cataract surgery in children

J.M. Maldonado Redondo  
Congenital cataract surgery: an anterior/posterior combined procedure

F. March de Ribo  
Cataract surgery in children with pars planitis

F. March de Ribo  
Congenital cataract surgery

A. Medsinge  
Surgical management of keratolenticular adhesion in aniridia

M. Patil  
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R. Rajagopal  
Use of intraocular endoscopy to identify presence or absence adequate sulcus support in traumatic paediatric cataract

V. Rajput  
‘Ring to the rescue’ surgical management of traumatic subluxated cataract

V. Rajput  
Mantra for success in Paediatric cataract surgery: ‘lighting the dark’

J. Ram  
Lenticular coloboma with astigmatism: a management challenge!

J. Ram  
Unilateral high myopia with buphthalmos in a child: a management challenge!

Y. Ron  
In the bag secondary intra-ocular lens implantation

Glaucoma

J. Ferreira Mendes  
Illuminated microcatheter-facilitated 360-degree trabeculotomy in 2 different cases of childhood glaucoma

S. Kaushik  
Decoding the limbus in buphthalmos

Neuro – Ophthalmology

C. Aroor  
My child cannot see! What to do?

M. Bhate  
Pupillary assessment and evaluation of anisocoria

M. Haque Kallol  
Pulsatile enophthalmos, severe esotropia, kinked optic nerve and visual loss in neurofibromatosis type-1

J. Matalia  
‘Doughnut’ and ‘crescent’: absolute signs to detect papilledema

D. Perez  
Bilateral horizontal gaze palsy (BHGP) as first manifestation of neurocysticercosis (NCC)

Orbit and Lids

A. March  
Surgery in congenital lacrimal fistula

A. March  
Anophthalmic socket reconstruction from traumatism in a paediatric patient
VIDEO COMPETITION

Other

M. C.K. INDIA
Scleral fixation of intraocular lenses in children

K. Olsen USA
Surgical management of post-operative retrocorneal membrane in children

M. Patil INDIA
Better test the eyes than other

N. Pehere INDIA
Using the ‘street play’ as a mass communication medium for eye health education

Retina / Uveitis

B. Pershin RUSSIA
Clinical case of fungal endophthalmitis in patient with primary refractory T-cell acute lymphoblastic leukaemia

M. Samant INDIA
Rare case of sympathetic ophthalmia facing challenges of management & complication of medication

Strabismus / Nystagmus

P. Agashe INDIA
‘Bump Sign’ in re-operations for squint

Y. Blasco SPAIN
Surgical treatment of diplopia in Grave’s ophthalmopathy (GO)

R. Caputo ITALY
A lost medial rectus

E. Cerman TURKEY
Mini-telescopic eyeglasses suppress nystagmus

A. El-Khayat UK
Three dimensional (3D) computer model of the globe and animations of ocular movements: an educational tool

A. Hom-Choudhury UK
The child with the bouncing eye: a red herring?

V.R.K.P. Kothamasu INDIA
Improved accuracy in strabismus evaluation using contact lenses

L. Mohan INDIA
I am out of the embarrassment!

N. Pehere INDIA
Voluntary nystagmus: yes its possible

L. Remon SPAIN
Surgical procedure for extreme downshoot in a patient with type 2 Duane’s retraction syndrome

Surgical Techniques

P. Agashe INDIA
Globe fixation in congenital sixth nerve palsy with recurrent esotropia

K. Arcot Sadagopan CHINA
A new surgical technique for excision of paediatric extraocular cysts; “The Noose technique”

A. Badakere INDIA
Brimonidine: the ‘hemostasis buddy’ to the strabismologist

V. Bhambhwani INDIA
Use of a 25 gauge vitrectomy system for paediatric cataract surgery in infants by the anterior (transcorneal) route

J.A. Cristobal SPAIN
Key maneuvers in cataract surgery in infants

E. Infantes Molina SPAIN
Pupiloplasty as a solution to a secondary corectopia due to valvular implant surgery

V. Kothamasu INDIA
Technique of secondary intraocular lens implantation in the bag

M. Kothari INDIA
Smart probe for smarter probing

R. Leite PORTUGAL
Vertical muscle transposition with silicone band belting in VI palsy

R. Leite PORTUGAL
Medial rectus trauma: lose or find it, that’s the question

J. Matalia INDIA
Slicing the sheath: the right technique for the right purpose at the right time

U.K. Raina INDIA
Use of a 25 gauge vitrectomy system for paediatric cataract surgery in infants by the posterior (pars plana) route

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Surgical procedure for correcting the eso-hypotropia of myopic strabismus fixus

R. Saxena INDIA
Surgical management of Third Nerve palsy

R. Saxena INDIA
Management of exotropic Duane’s Retraction syndrome

L. Vaníková SLOVAKIA
Surgical treatment of the complicated strabismus, diplopia and ptosis palpebrae superior after orbital trauma. Neovizia Eye Clinic, Bratislava, Slovak Republic
General Information & Exhibition
**GENERAL INFORMATION**

**Venue**
Fira Barcelona Gran Via – North Entrance (Hall 8),
C. del Foc, Barcelona.

**Host**
WSPOS, Temple House,
Temple Road, Blackrock,
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Tel: +353 1 288 3630
Fax: +353 1 209 1112
Email: wspos@wspos.org

**Opening Hours**

**Registration**
- Thursday 3 September: 08.00 – 18.00
- Friday 4 September: 07.00 – 18.30
- Saturday 5 September: 07.00 – 18.00
- Sunday 6 September: 07.00 – 18.00

**Speaker Check-in**
- Thursday 3 September: 08.00 – 18.00
- Friday 4 September: 07.00 – 18.30
- Saturday 5 September: 07.00 – 18.00
- Sunday 6 September: 07.00 – 18.00

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

**Exhibition Area Hall 8, Level 0**
- Friday 4 September: 09.00 – 18.00
- Saturday 5 September: 09.00 – 18.00

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Walkway to Halls 6 & 7

**Cafes**
Hall 8, Levels 0 & 1

**Cloakroom**
Level 0

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Friday 4 September: 10.00 – 10.15

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WSPOS INFORMATION MEETINGS

Friday 4 September
Room 19
07.30 – 08.00
Setting up and conducting aRcs
– practical points and advice

Room 19
18.00 – 18.30
New publishing opportunities

Saturday 5 September
Room 19
07.30 – 08.00
Setting up and conducting aRcs
– practical points and advice

Room 4
08.00 – 09.00
Global Advisory Committee Meeting
All members welcome

Room 8
09.00 – 10.00
aRc Meeting – new classification for congenital corneal opacification

Room 18
18.00 – 18.30
Setting up a speakers’ bureau

Sunday 6 September
Room 18
07.30 – 08.00
Setting up and conducting aRcs
– practical points and advice
*areas of Research collaboration (aRc) are networks of like minded individuals who are willing and able to develop research in areas of particular interest in paediatric ophthalmology, strabismus and visual sciences.

EUROTIMES SATELLITE EDUCATION PROGRAMME

Friday 4 September
LUNCHTIME SYMPOSIUM
12.15 – 13.15
Room 18
Concrete Solutions for ROP Management: The Right Blend of Clinical Expertise, Technology, Vision & Dedication
Moderator: B. Linder USA
Sponsored by: Clarity

Saturday 5 September
LUNCHTIME SYMPOSIUM
12.45 – 13.45
Room 18
Paediatric Management of Ocular Surface and Lids
Moderator: D. Brémond-Gignac FRANCE
Sponsored by: Théa

Sunday 6 September
LUNCHTIME SYMPOSIUM
12.30 – 13.30
Room 17
Kids by Safilo Satellite Meeting
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