

Scientific Programme

Monday, 5th October 2009

8.30 - 9.00

Opening Ceremony

9.00 - 10.00

SESSION I: AMBLYOPIA, SCREENING, VISUAL FUNCTION, Part 1

Chair: **A. Roth**, Geneva, Switzerland

Moderator: **O. Haugen**, Bergen, Norway

1. UPDATE ON ELECTRONIC MEASUREMENT OF COMPLIANCE IN OCCLUSION THERAPY
H. Simonsz, A. Tjiam, P. Heeman, K. Romijn, R. Voorn, S. Loudon
Erasmus Medical Center, Rotterdam, Academic Medical Center, Amsterdam, Netherlands
2. POPULATION CENTRED VISION SCREENING USING AN INFRARED REFRACTOMETER
E. van Kerschaver
Kind en Gezin, Brussels, Belgium
3. PRESCHOOL VISION SCREENING - BELGRADE (SAVSKI VENAC) POPULATION
R. Milošević, M. Srečković
Primary Health care Center Savski Venac, Belgrade, Serbia
4. BRÜCKNER TRANSILLUMINATION TEST IN INDUCED ESOTROPIA
M. Gräf, C. Vieregge, Q. Alhammouri
University of Giessen, Giessen, Germany
5. VISUAL AND OCULOMOTOR FUNCTION IN SCHOOL-CHILDREN WITH SPASTIC HEMIPLEGIA
A. Rydberg, L. Jacobson, A. Kits
Karolinska Institutet, Stockholm, Sweden
6. CONTROLLED BINOCULAR ACUITY: OPTIMUM METHOD OF TESTING
H. Davis, A.Y. Firth
University of Sheffield, Sheffield, UK

10.00 - 11.00

SESSION II: AMBLYOPIA, SCREENING, VISUAL FUNCTION, Part 2

Chair: **F. Reich-d'Almeida**, Lisbon, Portugal

Moderator: **C. Schiavi**, Bologna, Italy

7. OUTCOME OF AMBLYOPIA THERAPY IN CHILDREN WITH PRIMARY INFANTILE GLAUCOMA: A 10 YEAR FOLLOW UP
D. Danièle, E. Toesca
C. H. U Nord Department of Ophthalmology, Marseille, France
8. A NEW METHOD OF COMPLEX PENALIZATION WITH ATROPINE AND CONTACT LENS IN ANISOMETROPIC AMBLYOPIA
V. Balasanyan, I. Aznauryan
Association of Pediatric Ophthalmology Clinics, Moscow, Association of Pediatric Ophthalmology Clinics "Yasny Vzor", Moscow, Russian Federation
9. PERFORMANCE OF THE PLUSOPTIX S04 PHOTOSCREENER FOR THE DETECTION OF AMBLYOPIA RISK FACTORS IN CHILDREN AGE 3-5
D. Silbert, N. Matta, E. Singman
Family Eye Group, Lancaster Pennsylvania, USA
10. WHAT DO WE DO WHEN THE FILM RUNS OUT? COMPARING THE PLUSOPTIX TO THE MTI PHOTOSCREENER
D. Silbert, N. Matta, R. Arnold, E. Singman
Family Eye Group, Lancaster Pennsylvania, Anchorage Alaska, USA

11. STEREOACUITY IN CHILDREN WITH ACCOMMODATIVE ESOTROPIA VERSUS PARTIALLY ACCOMMODATIVE ESOTROPIA

B. Mohnhey, C. Lilley, A. Greenberg, N. Diehl

Mayo Clinic, Rochester, Mayo Clinic, Jacksonville, USA

12. OCULAR DOMINANCE OR VISUAL LOCALISATION? CAN THIS BE MODIFIED?

G. Stephenson

University of Liverpool, Liverpool, UK

11.00-11.30

Coffee Break and Poster Exhibition

11.30 - 12.30

ESA LECTURE: BOTULINUM TOXIN FOR STRABISMUS - THE MOORFIELDS EXPERIENCE

Mr. John P. Lee, *London, UK*

Introduced by S.B. Özkan, *Aydin, Turkey*

12.30 - 14.00

Lunch

14.00 - 15.00

SYMPOSIUM: AMBLYOPIA - REVISITED

Moderator: E.C. Campos, *Bologna, Italy*

AMBLYOPIA BEYOND ACUITY, PATHOPHYSIOLOGICAL IMPLICATIONS

J. Sloper, *London, UK*

CLASSIFICATION, THE ASPECTS OF DIFFERENT TYPES OF AMBLYOPIA

B. Stanković, *Belgrade, Serbia*

TREATING AMBLYOPIA: EVIDENCE FROM THE PEDIG STUDIES

J. Holmes, *Rochester, MN, USA*

SEARCH FOR NEW TREATMENT MODALITIES, SHALL WE CHANGE OUR PRACTICE PATTERN?

E.C. Campos, *Bologna, Italy*

15.00 - 16.00

SESSION III: NEUROOPHTHALMOLOGY

Chair: K.G. Romanchuk, *Calgary, Canada*

Moderator: A. Pêchereau, *Nantes, France*

13. SMOOTH PURSUIT EYE MOVEMENT AND MAINTENANCE OF VISUO-SPATIAL ATTENTION: A FMRI STUDY OF CORTICAL ACTIVATIONS

P. Lebranchu, P. Leboucher, J. Bastin, A. Pêchereau, S. Lehéricy, A. Berthoz, G.A. Orban

Service d'ophtalmologie CHU Nantes, LPPA Collège de France-CNRS UMR7152, Nantes, France,

LPPA Collège de France-CNRS UMR7152, Paris, CENIR Hôpital Pitié-Salpêtrière, Paris,

Laboratorium voor Neuro-en Psychofysiologie, K. U. Leuven Medical School, Leuven, Belgium

14. UNIOCLAR OCULAR ROTATION MEASURES: OCTOPUS VERSUS GOLDMANN

F. Rowe, S. Hanif

University of Liverpool, Liverpool, Warrington and Halton Hospitals NHS

Foundation Trust, Warrington, UK

15. OCULAR MOTOR AND VISUAL CONSEQUENCES OF THALAMIC STROKE

F. Rowe

University of Liverpool, Liverpool, UK

16. EXTRAOCULAR MOTILITY DISORDER WITH PTOSIS IN POMPE DISEASE: A CASE REPORT

I. Bleyen, J.R. Polling, C. van Capelle, C. Klaver, A.T. van der Ploeg

Erasmus MC, Rotterdam, Netherlands

17. NYSTAGMUS SURGERY IN OCULO-PALATAL TREMOR

A. Spielmann

Nancy, France

18. THE NEW POLYFUNCTIONAL RL TRANSPOSITION IN OCULOMOTOR PARALYSIS

I. Aznauryan, V. Balasanyan

Association of Pediatric Ophthalmology Clinics "Yasny Vzor", Moscow, Russian Federation

16.00 - 16.30

Coffee Break and Poster Exhibition

16.30 - 17.30

RAPID FIRE POSTER PRESENTATIONS**Moderator: J.P. Lee, London, UK**

- P6 AMBLYOPIA, STRABISMUS AND REFRACTION IN CONGENITAL PTOSIS
W.J. van Woudenberg- van der Linden, W. Duifhuizen - Visscher, J.T.H.N. de Faber, W.A. van der Bosch
The Rotterdam eye hospital, Rotterdam, Netherlands
- P8 RELATIONSHIP BETWEEN VISUAL ACUITY AND STEREOPSIS IN CHILDREN WITH AMBLYOPIA TREATED WITH OCCLUSION THERAPY
A. Vergamota, A. Toscano, A. Paixão, M. Martins, L. Pinto, P. Leitão
Centro Hospitalr de Lisboa- Zona Central, Lisboa, Portugal
- P13 SUCCESSFUL OCCLUSION THERAPY IN TWO CASES OF CONGENITAL OPTIC NERVE PATHOLOGY
O. Rayward, J.M. Rodríguez del Valle, J.M. Rodríguez Sánchez
Hospital El Clinico de San Carlos, Hospital Ramón y Cajal, Madrid, Spain
- P15 STUDY OF ANATOMICAL REPORT BETWEEN THE OPTICAL NERVE HEAD AND THE FOVEA WITH RETINOPHOTOGRAPHY IN HEALTHY PATIENTS
V. Paire, F. Lefevre, A. Pechereau
CHU of Nantes, Ophthalmological cabinet, SAINT MALO, Nantes University Hospital, Nantes, France
- P20 STEREOACUITY USING THE FD2 AT 6 METRES 3 METRES AND THROUGH A MIRROR
H. Davis, M. Sidhu, J.P. Frisby
University of Sheffield, Sheffield, UK
- P22 THE USE OF DYNAMIC MAGNETIC RESONANCE IN THE DIAGNOSIS OF OCULAR MOTILITY DISORDERS.
P. Loba, I. Laudanska-Olszewska, O. Nowakowska, A. Majos, A. Broniarczyk-Loba
Department of Ophthalmology, Department of Radiology and Diagnostic Imaging, Department of Binocular Vision Pathophysiology and Strabismus Treatment, Medical University of Lodz, Lodz, Poland
- P23 FIVE-YEAR LONGITUDINAL MEASUREMENT OF AC/A RATIO IN ACCOMMODATIVE ESOTROPES WHO REQUIRED BIFOCALS
W.K. Kim, S.A. Chung, J.B. Lee
Yonsei University College of Medicine, Seoul, Kwandong University College of Medicine, Goyang, Republic of Korea
- P24 COMPARATIVE ANALYSIS OF ACCOMMODATIVE AMPLITUDE IN DEVELOPMENTALLY NORMAL CHILDREN AND CHILDREN WITH MILD DEVELOPMENTAL DELAY
V. Chernodrinska, N. Veleva, P. Kemilev, A. Simeonova, G. Petrova, G. Aleksieva
Medical University- Sofia, Sofia, SOHAT VISUS, Sofia, Bulgaria
- P27 PUPIL REACTIONS IN PATIENTS WITH HYPEROPIC AMBLYOPIA
I. Boychuk, N. Bushueva
Filatov Institute of Eye Diseases and Tissue therapy, Odessa, Ukraine
- P30 WHAT NEXT AFTER DECOMPRESSION SURGERY?
E. Dawson, A. Maino, G. Rose, J. Lee
Moorfields Eye Hospital, London, UK
- P34 SURGICAL APPROACH IN TREATMENT OF MÖEBIUS SYNDROME
O. Rayward, E. Hernández, R. Gómez de Liaño
Hospital El Clinico de San Carlos, Madrid, Spain
- P45 EVALUATION OF IQ IN PATIENTS WITH CONGENITAL STRABISMUS WHO WERE CANDIDATES FOR STRABISMUS SURGERY IN ONE YEAR PERIOD
A. Bagheri, M.R. Fallahi, M. Zonoubi, M. Abrishami, M. Aletaha
Ophthalmic research center Labbafinejad hospital, Tehran, Islamic Republic of Iran

19.30

Reception at the White Palace, Royal Compound

Tuesday, 6th October 2009

8.30 - 9.30

EARLY MORNING ORTHOPTIC COURSE: "PRISMS IN ORTHOPTIC DIAGNOSIS AND TREATMENT"

Moderator: A. Rydberg, *Stockholm, Sweden*

Participants: L. Garnham, *UK*

M. van Lammeren, *Belgium*

I. Reich d'Almeida, *Portugal*

9.30 - 10.30

SESSION IV: STRABISMUS SURGERY

Chair: S. Popović, *Belgrade, Serbia*

Moderator: S.B. Özkan, *Aydin, Turkey*

- 19 ANTERIOR SEGMENT ISCHAEMIA AFTER EYE MUSCLE SURGERY
O. Ehart
Ludwig-Maximilians-University, Munich, Germany
- 20 COLLAGEN MATRIX (OLOGEN) IN STRABISMUS SURGERY
M. Fresina, C. Basiricò, C. Schiavi, E.C. Campos
Ophthalmic Clinic University of Bologna, Bologna, Italy
- 21 TOPICAL ANESTHESIA FOR SURGERY IN THYROID MYOPATHY - LONG TERM RESULTS
S. Farzavandi, S.P. Chee, C.T. Choo, K.S. Fong, L.L. Seah, Z. Lim
Singapore National Eye Centre, Singapore, Singapore
- 22 HORIZONTAL OR VERTICAL STRABISMUS SURGERY IN PERIBULBAR BLOCK AND ADJUSTABLE SUTURES
K. Misailović, S. Petrović, M. Kovačević
Milos Eye Hospital, Belgrade, Clinical Center Zvezdara, Belgrade, Serbia
- 23 STRABISMUS SURGERY IN THE OVER SIXTIES - A DECADE LATER
E. Dawson, A. Maino, J.P. Lee
Moorfields Eye Hospital, London, UK

10.30 - 11.15

Coffee Break and Poster Exhibition

Authors of Posters to be present at their poster

11.15 - 12.30

SESSION V: ESODEVIATIONS

Chair: D. Mančić, *Belgrade, Serbia*

Moderator: A. Damanakis, *Athens, Greece*

- 24 EFFECT OF RECESS-RESECT PROCEDURES IN CHILDHOOD ESOTROPIA: WHICH VARIABLES AFFECT THE DOSE-RESPONSE RELATIONSHIP?
O.H. Haugen
Haukeland University Hospital, Bergen, Norway
- 25 RESTORATION OF BINOCULAR VISION AFTER SURGERY FOR INFANTILE ESOTROPIA: WHICH IS THE MOST DETERMINING FACTOR, AGE AT SURGERY OR THE RESIDUAL ANGLE?
A. Roth, C. Speeg-Schatz, S. Gottenkiene, M. Bumbacher
Hôpital de la Tour, Vessy/Geneve, Switzerland, Medical School, Strasbourg, France
- 26 RESULTS EARLY SURGICAL ALIGNMENT OF INFANTILE ESOTROPIA
A. Medghalchi, S. Dalili, S. Soltanimo Ghadam, K. Amirrafie
Gulian Medical Science University, Rasht, Islamic Republic of Iran
- 27 MODERATELY LARGE BILATERAL MEDIAL RECTUS RECESSIONS IN INFANTILE ESOTROPIA
B. Stanković, S. Milenković, D. Risović, P. Hentova Senčanić, A. Stanojević
Institute of Ophthalmology, Clinical Centre of Serbia, Belgrade, University of Belgrade, School of Medicine, Belgrade, Serbia

- 28 MANAGEMENT OF INFANTILE STRABISMUS FIXUS
B. Kaczmarek, E. Wojcik, E. Helvestone
Scanmed, Krakow, Poland, Cyber-Sight, Indianapolis, USA
- 29 BOTULINUM TOXIN INJECTION IN ESOTROPIA ASSOCIATED TO DUANE SYNDROME
R. Gomez de Liano, R. Garcia-Catalan, J. Fraile-Maya
Hospital Universitario San Carlos, Madrid, Spain
- 30 AGE-RELATED DISTANCE ESOTROPIA
D. Godts
Antwerp University Hospital, Edegem, Belgium

12.30 - 14.00

Lunch

14.00 - 15.00

SYMPOSIUM: SELECTED COMPLICATIONS IN STRABISMUS SURGERY

Moderator: H.D. Schworm, Munich, Germany

SCLERAL PERFORATION

D.T. Sprunger, Indianapolis, IN, USA

ENDOPHTHALMITIS FOLLOWING STRABISMUS SURGERY

H.J. Simonsz, Rotterdam, Netherlands

ANTERIOR SEGMENT ISCHEMIA

J.P. Lee, London, UK

LOST MUSCLE

S.B. Özkan, Aydin, Turkey

15.00 - 15.45

SESSION VI: OBLIQUE & VERTICAL DISORDERS

Chair: K. Misailović, Belgrade, Serbia

Moderator: O. Ehrt, Munich, Germany

- 31 A RETROSPECTIVE REVIEW OF SUPERIOR OBLIQUE TUCK SURGERY FOR THE MANAGEMENT OF SUPERIOR OBLIQUE PALSIES IN A TERTIARY REFERRAL CENTRE
O. Frangouli, L. Garnham, G. Adams, J. Sloper, J. Lee
Moorfields Eye Hospital, London, UK
- 32 17 YEARS OF TUCKING
J. Durnian, I. Marsh
University Hospital Aintree, Liverpool, UK
- 33 EFFECTIVENESS OF ANTERIOR TRANSPOSITION OF THE INFERIOR OBLIQUE IN IPSILATERAL SUPERIOR OBLIQUE PALSY
B. Stankov, V. Regoda, M. Ljutica, R. Stojković, D. Bubalo
"Stankov Ophthalmology", Belgrade, Serbia, University Eye Clinic, Banjaluka, Bosnia and Herzegovina
- 34 FOUR OBLIQUE MUSCLE SURGERY: EFFICIENCY ON TORSION AND ALPHABETIC SYNDROM
V. Paire, A. Pechereau
Nantes University Hospital, Nantes, France
- 35 DISSOCIATED DEVIATION SYNDROME
M. ten Tusscher, R. van Rijn
University Hospital Antwerp, Edegem, Belgium, Free University, Amsterdam, Netherlands

15.45 - 16.15

Coffee Break and Poster Exhibition

16.15 - 17.30

SESSION VII: EXODEVIATIONS**Chair: S. Farzavandi**, *Singapore, Singapore***Moderator: B. Stanković**, *Belgrade, Serbia*

- 36 COMPARISON OF QUALITY OF LIFE INSTRUMENTS IN CHILDHOOD INTERMITTENT EXOTROPIA
S. Hatt, D. Leske, T. Yamada, J. Holmes
Mayo Clinic, Rochester, USA
- 37 DIVERGENCE FUSIONAL AMPLITUDE CAN PREDICT THE SURGICAL OUTCOME OF PATIENTS WITH CONVERGENCE INSUFFICIENCY
C. Schiavi, M. Fresina, E.C. Campos
Ophthalmic Clinic University of Bologna, Bologna, Italy
- 38 TOPICS ON SURGICAL MANAGEMENT OF ADULTS WITH CONSECUTIVE EXOTROPIA
G.B. Marcon, R. Pittino
Bassano del Grappa, University Eye Clinic, Udine, Italy
- 39 USE OF OVERCORRECTING MINUS LENSES IN THE TREATMENT OF INTERMITTENT DISTANCE EXOTROPIA IN A GENERAL STRABISMUS CLINIC
J. Durnian, F. Rowe, J. De'Bell, G. Freeman, C. Noonan
University Hospital Aintree, Liverpool, University of Liverpool, Liverpool, Warrington and Halton Hospitals NHS Foundation Trust, Warrington, UK
- 40 ANALYSIS OF STRABISMIC ANGLE AT THE FINISH TIME UNDER GENERAL ANESTHESIA AND AT POSTOPERATIVE DAY 1 IN EXOTROPIA SURGERY
S.H. Kim, S.G. Ha
Korea University College of Medicine, Ansan, Republic of Korea
- 41 THE EFFECTS OF MEDIAL RECTUS MUSCLE RESECTION IN PATIENTS WITH RECURRENT EXOTROPIA AFTER BILATERAL LATERAL RECTUS RECESSON
S.H. Kim, I.H.Seo, Y.A. Cho
Korea University College of Medicine, Ansan, Korea University College of Medicine, Seoul, Republic of Korea
- 42 THE SURGICAL MANAGEMENT OF CONSECUTIVE EXOTROPIA
A. Ciubotaru
Infosan Eye Clinic, Bucharest, Romania
- 43 CONCOMITANT EXOTROPIA FOLLOWING HEAD INJURY
L. Garnham
Moorfields Eye Hospital, London, UK

20.00

Gala Dinner, Belgrade City Hall

Wednesday, 7th October 2009

8.30 - 9.30

ESA BUSINESS MEETING

9.30 - 10.30

SESSION VIII: VARIA

Chair: I. Tanasijević Filipov, *Novi Sad, Serbia*

Moderator: G.B. Marcon, *Bassano del Grappa, Italy*

- 44 PIRENZEPINE 2% EYE DROPS TO SLOW PROGRESSION OF MYOPIA IN CHILDREN
J.R. Polling, H.J. Simonsz
Erasmus MC, Rotterdam, Netherlands
- 45 IMPROVEMENT IN HEALTH-RELATED QUALITY OF LIFE IN ADULTS WITH NON-DIPLOPIC STRABISMUS FOLLOWING SURGERY
J. Holmes, S. Hatt, D. Leske
Mayo Clinic, Rochester, MN, USA
- 46 THE PSYCHOSOCIAL EFFECTS OF STRABISMUS: USE OF THE AS-20 TOOL
J. Durnian, M. Owen, A. Baddon, I. Marsh
University Hospital Aintree, Liverpool, UK
- 47 MICRODEVIATIONS AND MACROSYMPTOMS: WHAT TO DO?
V. Paris
Private center of strabismology, Marche en Famenne, Belgium
- 48 COMPUTER SIMULATION OF BROWN SYNDROME
M. Buchberger, T. Kaltofen, S. Priglinger, H. Mühlendyck
Research Department for Medical-Informatics, RISC Software GmbH, Hagenberg, Convent Hospital "Barmherzige Brüder", Department of Ophthalmology, Linz, Austria, Department of Strabology and Neuroophthalmology, Georg-August-University of Göttingen, Göttingen
- 49 RETINOPELIS
D. Fdez-Agrafajo, Y. Meroueh, H. Morales Ruiz
Centro Medico Teknon, Barcelona, Spain

10.30 - 11.00

Coffee Break and Poster Exhibition

11.00 - 12.00

DIFFICULT CASE PRESENTATIONS

Moderator: R. Gomez de Liano, *Madrid, Spain*

Participants:

HEAVY EYE SYNDROME TREATED WITH YOKOYAMA SURGICAL TECHNIQUE

C. Schiavi, *Italy*

A CYCLIC ESOTROPIA

Ş. Ziyilan, *Turkey*

SURPRISES, PITFALLS AND SOLUTIONS IN AN UNUSUAL UNILATERAL IV NERVE PALSY

V. Paris, *Belgium*

TREATMENT OF A COMPLICATED III NERVE PALSY

M. Gräf, *Germany*

12.00 - 12.15

Closing Ceremony