SUNDAY - JUNE 17, 2012
Tivoli Congress Center
17.30-19.00
Welcome Reception

MONDAY - JUNE 18, 2012
Tivoli Congress Hall

8.30-8.50
WELCOME
C. E. Traverso (Italy) - EGS President
J. Thygesen (Denmark) - Local Organizing Committee Chair
F. Grehn (Germany) - WGA President
K. Singh (USA) - Past WGA EVP

8.50-10.00
Main Session 1
EPIEMIOLOGY AND RISK FACTORS
Chair: S. Miglior (Italy)
Facilitators: A. Azuara Blanco (United Kingdom), F. Topouzis (Greece)

Keynote Lecture
KLI Incident glaucomas in the next decade in Europe and other continents
R. A. Hitchings (United Kingdom)

MS1.1 Certainties and controversies in risk factors: clinical implications
S. Miglior (Italy)

MS1.2 Ocular perfusion pressure: theoretical or promising concept
F. Topouzis (Greece)

MS1.3 Case finding: sense and no sense of screening
A. Tuulonen (Finland)

MS1.4 Strategies to decrease the risk of undiagnosed glaucoma
A. Coleman (USA)

10.00-10.30
Poster Discussion
- EPIDEMIOLOGY, HEALTH ECONOMICS, QUALITY OF LIFE
  Poster facilitator: A. Azuara Blanco (United Kingdom)
- BASIC SCIENCE, GENETICS, NEUROPROTECTION, BLOOD FLOW
  Poster facilitators: K. Martin (United Kingdom), E. Tamm (Germany)
- GLAUCOMA PHENOTYPES
  Poster facilitators: I. Stalmans (Belgium), J. Thygesen (Denmark)
See pages 48-56 for details
10.30-12.00
Main Session 2
GLAUCOMA BIOMECHANICS: FROM EXPERIMENTAL MODELS TO CLINICAL EVIDENCE AND RELEVANCE
Chair: N. Pfeiffer (Germany)
Facilitators: J. García Feijoo (Spain), S. Orgül (Switzerland)

**Keynote Lectures**

**KL2**
The importance of mechanical pressure on ONH damage
H. Quigley (USA)

**KL3**
Biomechanics of ONH
C. Burgoyne (USA)

**MS2.1**
Intracranial pressure and glaucoma
J. Jonas (Germany)

**MS2.2**
Plasticity of the meshwork
E. Tamm (Germany)

**MS2.3**
Pro/Con: controversies on IOP fluctuations
A. Heijl (Sweden), A.G.P Konstas (Greece)

12.00-12.25
NEW IDEAS I
Facilitator: B. Cvenkel (Slovenia)

**NII.1**
Modulation of Trk B receptor activity by Shp-2 in retinal ganglion cells in glaucoma
S.L. Graham, V. Gupta, Y. You (Australia)
Discussant: E. Tamm (Germany)

**NII.2**
Magnesium balance disorders in POAG: a motivation for treatment with magnesium-containing medication
L. Arutyunyan, E. Iomdina, O. Kiseleva, L. Vasilenkova, M. Arefyeva (Russia)
Discussant: K. Martin (United Kingdom)

**NII.3**
Search for systemic biomarkers in POAG: the levels of circulating and functioning T-REG lymphocytes correlate with 5-year visual field rate of progression
S. Gandolfi, R. Aldigeri, N. Ungaro, D. Paoli, M. Tardini (Italy)
Discussant: A.C. Viswanathan (United Kingdom)
Educational Partner Lunchtime Symposium - ALLERGAN
OPTIMAL GLAUCOMA MANAGEMENT IN 2012
Chairs: F.J. Goñi (Spain), A. Heijl (Sweden)

12.30-14.00
Tivoli Congress Hall

S1.1 Introduction and Welcome
F.J. Goñi (Spain), A. Heijl (Sweden)

S1.2 Progress II - The Spanish Study (PSS) or “Why it is important to measure progression in clinical practice”
F.J. Goñi (Spain)

S1.3 Measuring structural progression in clinical practice
D. Garway Heath (United Kingdom)

S1.4 Measuring functional rate of progression in clinical practice
A. Heijl (Sweden)

S1.5 Can a change of management influence rate of progression?
B. Chauhan (Canada)

S1.6 Rate of progression and decision making
L.M. Rossetti (Italy)

S1.7 Optimal management of glaucoma - Is it preservative free?
D. Day (USA)

S1.8 Q&A - Optimal glaucoma management
A. Heijl (Sweden)
Panel: B. Chauhan (Canada), D. Garway Heath (United Kingdom), F.J. Goñi (Spain), L.M. Rossetti (Italy)

S1.9 Close and sum up
F.J. Goñi (Spain), A. Heijl (Sweden)
SCIENTIFIC PROGRAM
MONDAY - JUNE 18, 2012

14.15-15.15 INSTRUCTIONAL COURSES I (8 parallel)

Room Carstensen
C1.1 THE VISUAL FIELD IN GLAUCOMA I (advanced)
F. J. Goñi (Spain), P. Brusini (Italy), D. Garway Heath (United Kingdom)

Room Lumbye
C1.2 GONIOSCOPY (basic)
Y. Lachkar (France)

Room Harlekin
C1.3 GLAUCOMA SURGERY (basic/intermediate)
F. Grehn (Germany), P. T. Khaw (United Kingdom)

Room Columbine
C1.4 ANGLE CLOSURE (basic)
J. Thygesen (Denmark), G. Gazzard (United Kingdom), P. Rojanapongpun (Thailand)

Room Pjerrot
C1.5 HRT IN DAILY PRACTICE (intermediate)
T. Zeyen (Belgium), R. Burk (Germany), B. Chauhan (Canada)

Room Dansetten
C1.6 AQUEOUS TUBE IMPLANTATION (intermediate/advanced)
K. Barton (United Kingdom)

Room Paafuglen
C1.7 GENERIC OF OPHTHALMIC PRODUCTS - A GAP BETWEEN SCIENCE AND LEGISLATION
A. Harris (USA), M. Diestelhorst (Germany), I. Januleviciene (Lithuania)

Room Kastanjen
C1.8 NEURO-OPTHALMOLOGY DIFFERENTIAL DIAGNOSIS OF GLAUCOMA (intermediate)
M. Moster (USA), Ml. Moster (USA)

15.15-15.45 Break
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Rooms</th>
<th>Speakers</th>
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<tbody>
<tr>
<td>15.45-16.45</td>
<td><strong>ROOM CARNSTENSEN</strong></td>
<td>C2.1</td>
<td>FJ. Goñi (Spain), P. Brusini (Italy), D. Garway Heath (United Kingdom)</td>
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<td></td>
<td><strong>THE VISUAL FIELD IN GLAUCOMA II</strong> (advanced)</td>
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<td><strong>SAFE TRABECULECTOMY</strong> (advanced)</td>
<td>C2.2</td>
<td>T. Zeyen (Belgium), P.T. Khaw (United Kingdom)</td>
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<td><strong>SAFE TRABECULECTOMY</strong> (advanced)</td>
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<td><strong>ANGLE SURGERY I: NEW BLEBBLESS GLAUCOMA SURGERIES</strong> (basic/intermediate)</td>
<td>C2.3</td>
<td>S. Gandolfi (Italy), R. Lewis (USA)</td>
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<td></td>
<td><strong>IS THERE AN ACCURATE MEASURING DEVICE? WHICH ONE CAN WE TRUST AND WHEN? HOW MUCH DOES CORNEAL THICKNESS MATTER?</strong></td>
<td>C2.4</td>
<td>M. Iliev (Switzerland), F. Meier-Gibbons (Switzerland), A. Mermoud (Switzerland), J. Stürmer (Switzerland), G. Sunaric Megevand (Switzerland)</td>
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<td></td>
<td><strong>Cataract Surgery in Glaucoma Patients</strong></td>
<td>C2.5</td>
<td>C.E. Traverso (Italy), J. Garcia Feijoo (Spain), A. Bagnis (Italy)</td>
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<td><strong>Cataract Surgery in Glaucoma Patients</strong></td>
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<td><strong>TRABECULAR MESHWORK CHANGES IN POAG</strong> (basic/intermediate)</td>
<td>C2.6</td>
<td>I. Grierson (United Kingdom), E. Tamm (Germany)</td>
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<td><strong>TRABECULAR MESHWORK CHANGES IN POAG</strong> (basic/intermediate)</td>
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<td><strong>HOW TO UNDERSTAND AND INTERPRET THE RESULTS OF CLINICAL TRIALS</strong></td>
<td>C2.7</td>
<td>L. Schmetterer (Austria), P. Founti (Greece), G. Garhöfer (Austria)</td>
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<td><strong>HOW TO UNDERSTAND AND INTERPRET THE RESULTS OF CLINICAL TRIALS</strong></td>
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<td><strong>RATES OF PROGRESSION IN GLAUCOMA</strong> (basic/intermediate)</td>
<td>C2.8</td>
<td>A. Heijl (Sweden), B. Chauhan (Canada)</td>
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<td><strong>RATES OF PROGRESSION IN GLAUCOMA</strong> (basic/intermediate)</td>
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8.30-10.00
Main Session 3
GLAUCOMA BEYOND IOP
Chair: S. Orgül (Switzerland)
Facilitators: I. Januleviciene (Lithuania), K. Martin (United Kingdom)

**Keynote Lecture**
KL4 Neurodegeneration seen from a non-ophthalmic standpoint
L. Schmetterer (Austria)

MS3.1 Glaucoma as a neurodegenerative disease, viewed from the glaucoma side
N. Osborne (United Kingdom)

MS3.2 Glaucoma as a neurodegenerative disease, viewed from the neuroscience side
H. Wässle (Germany)

MS3.3 Glaucoma as a genetic disease: relevance of phenotyping
A.C. Viswanathan (United Kingdom)

MS3.4 Low-grade inflammation and glaucoma
J.C. Tsai (USA)

MS3.5 Practical approach beyond IOP
I. Stalmans (Belgium)

10.00-10.30
E-Poster Area
Poster discussion
- IMAGING, PSYCHOPHYSICS, INTRAOCULAR PRESSURE, BIOMECHANICS
  Poster facilitators: M. Iester (Italy), I. Januleviciene (Lithuania), A.C. Viswanathan (United Kingdom)
  See pages 57-66 for details

10.30-12.00
Main Session 4
IMAGING AND VISUAL FIELD FOR INITIAL GLAUCOMA DIAGNOSIS: A CONTROVERSY?
Chair: R.A. Hitchings (United Kingdom)
Facilitators: D. Garway Heath (United Kingdom), A. Heijl (Sweden)

**Keynote Lecture**
KL5 Pathways that lead to accurate diagnosis in glaucoma
G.L. Spaeth (USA)

MS4.1 Imaging as a primary diagnostic tool
H. Lemij (The Netherlands)

MS4.2 VF as a primary diagnostic tool
B. Bengtsson (Sweden)

MS4.3 Assessment of the optic nerve head: time for a paradigm change?
B. Chauhan (Canada)

Panel discussion
MS4.4 Value of the different imaging technologies
Facilitator: M. Iester (Italy)
Panelists: D. Garway Heath (United Kingdom), G. Holló (Hungary), M. Iliev (Switzerland), H. Lemij (The Netherlands)
12.00-12.25
NEW IDEAS 2
Facilitator: F. Topouzis (Greece)

N12.1 Involvement of RhoA/Rho-associated kinase signal transduction pathway in the
dexamethasone-induced alterations in aqueous outflow
Discussant: L. Schmetterer (Austria)

N12.2 The effect of monocyte chemoattractant protein-1/CC chemokine ligand 2 on the aqueous
humor outflow facility
H. Tanihara (Japan)
Discussant: I. Stalmans (Belgium)

N12.3 Visual pathway damage in glaucoma revealed by diffusion tensor MRI and correlation analysis
with clinical severity
Z. Chen, F. Lin, Z. Li, J. Wang, H. Dai, K. Mu, J. Ge, H. Zhang (China)
Discussant: M. Iester (Italy)

12.30-14.00
Educational Partner Lunchtime Symposium - ALCON
OPTIMISING MEDICAL AND SURGICAL OUTCOMES IN GLAUCOMA CARE
Chairs: J. Thygesen (Denmark), F. Topouzis (Greece)

S2.1 Managing open-angle glaucoma as a 24-hour disease for a lifetime
H. Dubiner (USA)

S2.2 Going beyond IOP control in glaucoma care
N. Pfeiffer (Germany)

S2.3 Chronic use of preservatives - What we know today?
A. Labbé (France)

S2.4 Preservatives and ocular surgery outcomes
E. Messmer (Germany)

S2.5 New advances in managing complexities in glaucoma surgery
T. Shaarawy (Switzerland)
14.15-15.15
INSTRUCTIONAL COURSES 3 (8 parallel)

Room Carstensen
C3.1 GLAUCOMA SURGERY: POSTOPERATIVE MANAGEMENT AND COMPLICATIONS I. MORE ON FILTERS THAN ON TUBES (intermediate)
C.E. Traverso (Italy), F. Grehn (Germany), M. Papadia (Italy)

Room Lumbye
C3.2 GLAUCOMA CARE IN DEVELOPING COUNTRIES
K. Singh (USA), K. Barton (United Kingdom), T. Shaarawy (Switzerland)

Room Harlekin
C3.3 ANGLE SURGERY II: NEW BLEBLESS GLAUCOMA SURGERIES (basic/intermediate)
S. Gandolfi (Italy), J. García Feijoo (Spain)

Room Columbine
C3.4 DISC PHOTOGRAPHIES FOR DIAGNOSIS (intermediate/advanced)
J. Morgan (United Kingdom)

Room Pjerrot
C3.5 INTERPRETATION OF VISUAL FIELDS (basic/intermediate)
P. Brusini (Italy), F.J. Goñi (Spain)

Room Dansetten
C3.6 MEDICAL MANAGEMENT OF POAG/EGS FLOW CHARTS (basic/intermediate)
J. Thygesen (Denmark), A. Hommer (Austria)

Room Paafuglen
C3.7 DISABILITY FOR GLAUCOMA (intermediate)
A.C. Viswanathan (United Kingdom)

Room Kastanjen
C3.8 HOW TO IMPROVE COMPLIANCE?
F. Meier-Gibbons (Switzerland), M. Iliev (Switzerland), T. Shaarawy (Switzerland)

15.15-15.45 Break
15.45-16.45 INSTRUCTIONAL COURSES 4 (8 parallel)

Room Carstensen

C4.1 GLAUCOMA SURGERY: POSTOPERATIVE MANAGEMENT AND COMPLICATIONS II. MORE ON FILTERS THAN ON TUBES (intermediate)
C.E. Traverso (Italy), K. Barton (United Kingdom), M. Papadia (Italy)

Room Lumbye

C4.2 IOP: A SCIENTIFIC LOOK AT THE UPS AND DOWNS (intermediate)
L.E. Pillunat (Germany), A.G.P. Konstas (Greece)

Room Harlekin

C4.3 IDENTIFYING GLAUCOMATOUS VISUAL FIELD PROGRESSION IN CLINICAL PRACTICE (basic/intermediate)
A. Anton Lopez (Spain), F.J. Goñi (Spain)

Room Columbine

C4.4 ANGLE CLOSURE (advanced)
J. Thygesen (Denmark), G. Gazzard (United Kingdom), P. Rojanapongpun (Thailand)

Room Pjerrot

C4.5 TRICKS ON HOW TO IMPROVE GLAUCOMA SURGERY
A. Mermoud (Switzerland), R. Burk (Germany), M. Iliev (Switzerland), T. Shaarawy (Switzerland), I. Stalmans (Belgium), J. Stürmer (Switzerland), G. Sunaric Megevand (Switzerland)

Room Dansetten

C4.6 SECONDARY GLAUCOMAS (basic/intermediate)
S. Gandolfi (Italy), K. Barton (United Kingdom)

Room Paafuglen

C4.7 GENETICS OF OAG (advanced)
F. Topouzis (Greece), S. Duch (Spain), P. Founti (Greece), E. Milla (Spain), A.C. Viswanathan (United Kingdom)

Room Kastanjen

C4.8 HEALTH ECONOMICS IN GLAUCOMA CARE (basic/intermediate)
A. Azuara Blanco (United Kingdom), J. Burr (United Kingdom), R. De Natale (Italy), A. Tuulonen (Finland)
SCIENTIFIC PROGRAM
TUESDAY - JUNE 19, 2012

SIGs – SPECIAL INTEREST GROUP MEETINGS

**SG1**
17.00-18.00
**GLAUCOGENE**
Chairs: A.C. Viswanathan *(United Kingdom)*, F. Topouzis *(Greece)*

**Room Paafuglen**

**SG2**
17.00-18.30
**HEALTH ECONOMICS**
Chair: A. Tuulonen *(Finland)*

**Room Kastanjen**

**17.00-18.30**
**DANISH GLAUCOMA SOCIETY SYMPOSIUM**

Danish posters will be discussed on June 19 from 10.00 to 10.30 - E-poster Area, screen 20

P4.123 The Danish multi-clinic glaucoma study. An ongoing clinical-epidemiological examination
L. Loumann Knudsen, J. Skov, J. Vad *(Denmark)*

P4.124 The pupillary light response in monolateral high tension glaucoma
C. Nissen, H. Lund-Andersen, B. Sander, M. Kolko, D. Milea *(Denmark, France)
8.00-8.30  
**EGS GENERAL ASSEMBLY**  
For EGS Members only

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**Tivoli Congress Hall**

8.30-10.00  
Main Session 5  
**ISSUES IN THE DIAGNOSIS AND MANAGEMENT IN PRIMARY ANGLE CLOSURE**  
Chair: J. Thygesen (Denmark)  
Facilitators: G. Gazzard (United Kingdom), J. Salmon (United Kingdom)

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**Keynote Lecture**  
**KL6**  
Are there differences between ACG in Asia and Europe?  
**P. Chew** (Singapore)

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MS5.1 The role of imaging and gonioscopy  
**P. Foster** (United Kingdom)

MS5.2 Iridotomy, iridoplasty  
**P. Denis** (France)

MS5.3 Lens extraction, why and how  
**A. Azuara Blanco** (United Kingdom)

MS5.4 Aqueous misdirection as a complication of ACG  
**G. Marchini** (Italy)

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**10.00-10.30**  
**E-Poster Area**  
Poster Discussion  
**MEDICAL AND SURGICAL MANAGEMENT**  
Poster facilitators: J. Garcia Feijoo (Spain), J. Salmon (United Kingdom), G. Sunaric Megevand (Switzerland)

See pages 67-76 for details

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**Tivoli Congress Hall**

**10.30-12.00**  
Main Session 6  
**MEDICAL THERAPY AND QUALITY OF LIFE**  
Chair: A. Hommer (Austria)  
Facilitators: A. Bron (France), G. Sunaric Megevand (Switzerland)

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**Keynote Lecture**  
**KL7**  
Medical therapy; making choices  
**N. Pfeiffer** (Germany)

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MS6.1 How to evaluate side effects  
**A. Bron** (France)

MS6.2 Allergy versus toxicity  
**C. Baudouin** (France)

MS6.3 How to evaluate efficacy of medical therapy - Unioocular versus binocular trial  
**A. King** (United Kingdom)

MS6.4 Quality of generic drugs  
**G. Novack** (USA)

MS6.5 Compliance with medical therapy: what did we learn from electronic monitoring?  
**M. Diestelhorst** (Germany)
10th EGS Congress - Copenhagen
June 17-22, 2012

SCIENTIFIC PROGRAM
WEDNESDAY - JUNE 20, 2012

Tivoli Congress Hall

12.00-12.25
NEW IDEAS 3
Facilitator: T. Zeyen (Belgium)

NI3.1 Comparative study between trabeculectomy with photodynamic therapy (BCECF-AM) and trabeculectomy with antimetabolite (MMC) in the treatment of primary open angle glaucoma
A.M. Saeed (Egypt)
Discussant: G. Sunaric Megevand (Switzerland)

NI3.2 Systematized stenting of Baerveldt shunts: techniques to reduce early post-operative hypotony
J. D. Oleszczuk, C. Bergin, C. Bela, S. Andrei, L. Franscini, E. Sharkawi (Switzerland)
Discussant: A. Azuara Blanco (United Kingdom)

NI3.3 The effectiveness of early lens extraction with intraocular lens implantation for the treatment of primary angle-closure glaucoma (EAGLE): baseline characteristics of enrolled participants
C. Cochran on behalf of the EAGLE Study Group (United Kingdom)
Discussant: J. Salmon (United Kingdom)

12.30-14.00
Educational Partner Lunchtime Symposium - MERCK SHARP & DOHME
EFFECTIVENESS IN GLAUCOMA TREATMENT: THE BALANCE OF POWERFUL IOP EFFICACY WITH REAL WORLD PATIENT TOLERABILITY

Tivoli Congress Hall

S3.1 Opening remarks
R.A. Hitchings (United Kingdom)

S3.2 Could preservatives impact on the trabecular meshwork and aqueous outflow
C. Baudouin (France)

S3.3 The impact of side effects and adherence on outcomes
P. Denis (France)

S3.4 Treating glaucoma – Preservative free
N. Pfeiffer (Germany)

S3.5 New perspectives on 24-hour IOP management
A.G.P. Konstas (Greece)

Q&A

S3.6 Closing remarks
R.A. Hitchings (United Kingdom)
INSTRUCTIONAL COURSES 5 (7 parallel)

**Room Carstensen**

C5.1 CURRENT APPROACHES TO SURGERY OF ANGLE CLOSURE GLAUCOMA  
(intermediate/advanced)  
A. Azuara Blanco (United Kingdom), P. Chew (Singapore), P. Foster (United Kingdom), G. Gazzard (United Kingdom), J. Salmon (United Kingdom)

**Room Lumbye**

C5.2 PREVALENCE/INCIDENCE OF GLAUCOMA  
(basic/intermediate)  
F. Topouzis (Greece), E. Anastasopoulos (Greece), A. Tuulonen (Finland)

**Room Harlekin**

C5.3 OCULAR BLOOD FLOW AND GLAUCOMA  
A. Harris (USA), I. Januleviciene (Lithuania)

**Room Columbine**

C5.4 UVEITIC GLAUCOMA: PATHOGENESIS AND MANAGEMENT  
B. Teuchner (Austria), F. Meier-Gibbons (Switzerland), G. Sunaric Megevand (Switzerland)

**Room Pjerrot**

C5.5 GONIOSCOPY WORKSHOP  
A. Hommer (Austria), K. Rigal (Austria), T. Zeyen (Belgium)

**Room Dansetten**

C5.6 VISUAL FIELD AND STRUCTURAL MEASUREMENT FOR GLAUCOMA IN CLINICAL PRACTICE  
(basic/intermediate)  
I. Stalmans (Belgium), FJ. Goñi (Spain)

**Room Kastanjen**

C5.7 MODERN DEVELOPMENTS IN TONOMETRY  
(intermediate/advanced)  
A. Böhm (Germany)

**15.15-15.45**  
Break
15.45-16.45
INSTRUCTIONAL COURSES 6 (6 parallel)

Room Carstensen
C6.1 NON PENETRATING GLAUCOMA SURGERY (basic)
T. Shaarawy (Switzerland)

Room Lumbye
C6.2 RETINA SUCCESS, GLAUCOMA STRESS! (intermediate)
L.E. Sararols Ramsay (Spain), FJ. Goñi (Spain), J. Suarez (Spain)

Room Harlekin
C6.3 PIGMENT DISPERSION-PIGMENTARY GLAUCOMA: “WHAT-TO-DO?” (basic)
J. Salmon (United Kingdom), S. Gandolfi (Italy)

Room Columbine
C6.4 COURSE BY THE EUROPEAN VISION AND EYE RESEARCH ORGANIZATION: BASIC RESEARCH IN OPHTHALMOLOGY: THE JOURNEY FROM BENCH TO BEDSIDE
L. Schmetterer (Austria), F. Cordeiro (United Kingdom), G. Garhöfer (Austria), I. Stalmans (Belgium)

Room Pjerrot
C6.5 TARGET PRESSURE AND TARGET FUNCTION IN LONG-TERM GLAUCOMA MANAGEMENT (intermediate)
G.L. Spaeth (USA), R.A. Hitchings (United Kingdom), T. Zeyen (Belgium)

Room Dansetten
C6.6 EGS GUIDELINES
J. Thygesen (Denmark)
Portuguese Glaucoma Society Symposium

GLAUCOMA SURGERY IN THE ADULT - THE PORTUGUESE EXPERIENCE

Chairs: M. Carvalho (Portugal), A. Figuereido (Portugal)

GS1.1 Trabeculectomy
   F. Trancoso Vaz (Portugal)

GS1.2 Stainless steel filtration surgery implant
   A. Futre Coelho (Portugal)

GS1.3 Non penetrating surgery / Deep sclerectomy
   T. Gomes (Portugal)

GS1.4 Non penetrating surgery / Canaloplasty
   I. Lopes Cardoso (Portugal)

GS1.5 Gonioscopy surgery - transtrabecular micro implant
   A. Figuereido (Portugal)

GS1.6 Posterior drainage devices
   M. Carvalho (Portugal)

GS1.7 Glaucoma and refractive surgery
   M. da Luz Freitas (Portugal)

EGS SOCIAL DINNER

Wednesday, June 20, 2012 - h. 19.30
Wallmans Circusbuilding
(Reservations only)
8.30-10.00
Round Table I
NEW AND OLD SURGERIES: THE CONFLICT BETWEEN EFFICACY, SIDE EFFECTS, AND HALF-LIFE. THE PRESENT STATE
Chair: R.A. Hitchings (United Kingdom)
Facilitators: F. Grehn (Germany), T. Shaarawy (Switzerland)

**Keynote Lecture**

KL8  Mechanisms of glaucoma surgeries
R.N. Weinreb (USA)

RT1.1 Trabeculectomy
T. Zeyen (Belgium)

RT1.2 Non-penetrating surgery
A. Mermoud (Switzerland)

RT1.3 Angle surgeries
M. Grieshaber (Switzerland)

RT1.4 Tubes as primary surgery
K. Barton (United Kingdom)

RT1.5 Other implants as primary surgery
J. García Feijoo (Spain)

10.00-10.30  Break

10.30-12.25
Main Session 7
REAL LIFE AND MANAGEMENT PEARLS
Chair: C.E. Traverso (Italy)
Facilitators: F. Grehn (Germany), A.C. Viswanathan (United Kingdom)

MS7.1 Secondary glaucomas: the diagnoses that we miss most
J. Salmon (United Kingdom)

MS7.2 Medical management of secondary glaucomas
M. Misiuk-Hojlo (Poland)

MS7.3 Surgery in secondary glaucoma
R. Carassa (Italy)

MS7.4 Long-term post surgical management
T. Klink (Germany)

MS7.5 Visual results after glaucoma surgeries
T. Shaarawy (Switzerland)

Panel discussion
10.30-12.25
Main Session 7 (cont.)
REAL LIFE AND MANAGEMENT PEARLS

MS7.6 Cost and benefit of preservative free medical treatment
F. Meier-Gibbons (Switzerland)

MS7.7 How does glaucoma look? Patient perception of visual field defects
D. Crabb (United Kingdom)

MS7.8 How to improve adherence
G. Manni (Italy)

MS7.9 Patient related outcomes - Surrogate outcome versus real life
A.C. Viswanathan (United Kingdom)

Panel discussion

12.30-14.00
Educational Partner Lunchtime Symposium - SANTEN
CAN WE OPTIMIZE THE MEDICAL THERAPY OF GLAUCOMA?
Chair: C.E. Traverso (Italy)

S4.1 Managing treatment side effects of glaucoma medications
C. Baudouin (France)

S4.2 What can confocal microscopy tell us about our glaucoma patients?
H. Uusitalo (Finland)

S4.3 When to use preservative-free formulations?
C. Erb (Germany)

S4.4 Diurnal IOP control - Impact on glaucoma treatment
L.E. Pillunat (Germany)
10th EGS Congress - Copenhagen
June 17-22, 2012

SCIENTIFIC PROGRAM
THURSDAY - JUNE 21, 2012

14.15-15.15
INSTRUCTIONAL COURSES 7 (8 parallel)

Room Carstensen
C7.1 GLAUCOMA SURGERY (advanced)
F. Grehn (Germany)

Room Lumbye
C7.2 NON PENETRATING GLAUCOMA SURGERY (advanced)
T. Shaarawy (Switzerland)

Room Harlekin
C7.3 POSTERIOR SEGMENT IMAGING TECHNOLOGY I (basic/intermediate)
M. Iester (Italy), D. Garway Heath (United Kingdom), H. Lemij (The Netherlands)

Room Columbine
C7.4 FOCUS ON THE FILTERING BLEB: SIGNS AND PROCEDURES
D. Grigera (Argentina), A. Bagnis (Italy), F. Grehn (Germany), M. Papadia (Italy)

Room Pjerrot
C7.5 EXFOLIATION (basic/intermediate)
A.G.P. Konstas (Greece), G. Holló (Hungary), M. Irkec (Turkey), D. Mikropoulos (Greece)

Room Dansetten
C7.6 ANTERIOR SEGMENT IMAGING TECHNOLOGY (intermediate)
I. Stalmans (Belgium), M. Papadia (Italy)

Room Paafuglen
C7.7 SIMPLIFYING GLAUCOMA MANAGEMENT
R. Susanna (Brazil), M. Hatanaka (Brazil)

Room Kastanjen
C7.8 REGENERATION IN GLAUCOMA
F. Cordeiro (United Kingdom), D. Fischer (Germany), M. Clements (United Kingdom)

15.15-15.45 Break
INSTRUCTIONAL COURSES 8 (5 parallel)

**Room Carstensen**

C8.1 **INNOVATION IN PAEDIATRIC GLAUCOMA SURGERY** (advanced)
J. Brookes (United Kingdom), J. García Fejoo (Spain), F. Grehn (Germany)

C8.2 **LASER PROCEDURES IN GLAUCOMA** (basic/intermediate)
J. Thygesen (Denmark)

**Room Lumbye**

C8.3 **POSTERIOR SEGMENT IMAGING TECHNOLOGY II** (basic/intermediate)
M. Iester (Italy), D. Garway Heath (United Kingdom), H. Lemij (The Netherlands)

**Room Harlekin**

C8.4 **LOW GRADE INFLAMMATION IN THE PATHOGENESIS OF GLAUCOMA**
M. Kolko (Denmark), F. Cordeiro (United Kingdom), F. Grus (Germany), I. Stalmans (Belgium)

**Room Columbine**

C8.5 **REFRACTIVE SURGERY IN THE GLAUCOMA PATIENT** (basic/intermediate)
L.E. Pillunat (Germany), S. Kaminski (Austria)

**Room Carstensen**

16.45-17.45
Main Session 8
**IOP MEASUREMENT**
Chair: T. Zeyen (Belgium)
Facilitator: A. Tuulonen (Finland)

MS8.1 Should we adjust Goldmann tonometry values based on CCT?
D. Garway Heath (United Kingdom)

MS8.2 Alternative to Goldmann tonometry methods for IOP measurement. What is the value in clinical practice?
A. Kotecha (United Kingdom)

MS8.3 Developments in home tonometry
T. Zeyen (Belgium)

MS8.3 IOP monitoring: where do we stand with telemetric readings?
M. Iliev (Switzerland)

Panel discussion

FAREWELL RECEPTION
Tivoli Congress Center
h. 18.00
SCIENTIFIC PROGRAM
FRIDAY - JUNE 22, 2012

SIGs – SPECIAL INTEREST GROUP MEETINGS

9.30-10.30
SG3  PAEDIATRIC GLAUCOMA
   Chair: F. Grehn (Germany)

9.30-10.30
SG4  NEUROPROTECTION
   ROUND TABLE DISCUSSION ON “WHERE ARE WE NOW IN NEUROPROTECTION ?”
   Chair: F. Cordeiro (United Kingdom)
   Discussants: Fj. Goñi (Spain), I. Stalmans (Belgium), G. Sunaric Megevand (Switzerland)

10.45-11.45
SG5  OCULAR BLOOD FLOW
   Chair: I. Stalmans (Belgium)
   SG5.1 From retinal venous pressure to intra-cranial pressure in glaucoma
   J. Jonas (Germany)
   SG5.2 Lack of spontaneous venous pulsation: a risk factor in NTG?
   L. Pinto (Portugal)
   SG5.3 Endothelin and retinal veins: a good target for glaucoma therapy?
   L. Schmetterer (Austria)

10.45-11.45
SG6  ANGLE CLOSURE
   “Case Discussion and cases from hell”
   Chair: G. Gazzard (United Kingdom)
12.00-13.00

**SIGs – SPECIAL INTEREST GROUP MEETINGS**

**Room Dansetten**

**SG7 EXFOLIATION GLAUCOMA**

Chairs: G. Holló (Hungary), A.G.P. Konstas (Greece)

Welcome and presentation of the 2nd edition of the XFS/XFG book
G. Holló (Hungary), A.G.P. Konstas (Greece)

Scanning laser polarimetry in exfoliative glaucoma: useful to detect early cases?
A. Katsanos (Greece)

Short-term and long-term fluctuation of intraocular pressure in patients with pseudoexfoliation syndrome from the Erlangen Glaucoma Registry
C. Huchzermeyer (Germany)

Referral of exfoliative glaucoma patients to the first filtering surgery: too late action
G. Holló (Hungary)

Discussion
How can we improve the diagnosis and management of XFG?
INDUSTRY SPONSORED MINI-SYMPOSIA

MONDAY JUNE 18, 2012

17.00-18.00  
Sensimed  
Exploring 24-H IOP Monitoring  
Room Harlekin

17.00-18.00  
Heidelberg Engineering  
Paradigm Change in ONH Rim Assessment with SD-OCT  
Room Columbine

TUESDAY JUNE 19, 2012

7.30-8.30  
Aeon Astron Europe  
Novel Glaucoma Surgery Without MMC - Ologen® Collagen Matrix For Tissue Repair  
Room Harlekin

17.00-18.30  
Thea  
Efficacy and Tolerance in Medical Glaucoma Treatment: Unmet Needs and New Perspective  
Room Harlekin

17.00-18.00  
Eyetechcare  
UC3, One Giant Step in Glaucoma - An Update  
Room Dansetten

WEDNESDAY JUNE 20, 2012

17.00-18.00  
Alcon  
The Evolution in Glaucoma Surgery - Latest Advancements in Filtration Surgery  
Room Carstensen
E-POSTERS

Please note: e-posters are divided by screen number only during the discussion time from 10.00 to 10.30. At other times all e-posters will be accessible through any screen or from the Congress website.

EPIDEMIOLOGY, HEALTH ECONOMICS, QUALITY OF LIFE

SCREEN 1

P1.1 Being a glaucoma patient in the Slovak or Czech Republic: is there a difference?
P. Vyborny, P. Dohnalova, S. Sicakova (Czech Republic)

P1.2 Ocular biometric and anterior segment optical coherence tomography comparison between Japanese and Chinese
T. Mizoguchi, M.E. Nongpiur, M. Ozaki, T. Aung (Japan, Singapore)

P1.3 Follow-up of optic disc haemorrhages referrals from DRSS (Diabetic Retinopathy Screening Service) to glaucoma clinics
S. Boukouvala, M. Raja, C. Goldsmith, S. Mukherji (United Kingdom)

P1.4 Correlation between optic nerve head retinal nerve fibre layer thickness and posterior pole retinal thickness in Asians
D. Su, H. Htoon, R. Husain, M. Rosman, D. Goh, A. How, T. Aung (Singapore)

P1.5 Frequency of glaucoma among patients referred to a Brazilian university hospital

P1.6 Risk factors and glaucoma
O. Vitovska, S. Rykov, N. Obukhova, S. Zbitneva, I. Deryapa (Ukraine)

SCREEN 2

P1.7 Ocular biometry in the adult population in rural central China. A population-based, cross-sectional study

P1.8 Validation of non-mydriatic fundus photography for the detection of glaucoma in diabetic patients
F.J. Munoz-Negrete, I. Contreras, G. Rebolleda, N.O. Llamazares (Spain)

P1.9 Effect of oxidative stress and no intake of solanum aethiopicum vegetables in the development of open angle glaucoma (OAG) among black Central Africans
M. Mvitu Muaka, B. Longo-Mbenza, D. Kibokela Ndembe, D. Tulomba Mona (Congo, South Africa)

P1.10 Sclera thickness in human globes and its relations to age, axial length and glaucoma
S. Panda-Jonas, S. Vurgese, J. Jonas (Germany)

P1.11 Neuroretinal rim area and body mass index
J. Jonas, L. Xu, Y. Wang, S. Wang (Germany, China)

P1.12 Congenital glaucoma in Denmark 1977-2006
N. Zibrandtsen, D. Bach-Holm, L. Sandfeld Nielsen (Denmark)

SCREEN 3

P1.13 Association of the metabolic syndrome with ocular hypertension and open-angle glaucoma: the Alienor Study

P1.14 Using neural networks to detect glaucoma suspects in a community-based screening Program
P.B.M. Thomas, A.J.R. White, J. Keenan, K.R. Martin (United Kingdom)
E-POSTERS

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EPIDEMIOLOGY, HEALTH ECONOMICS, QUALITY OF LIFE

SCREEN 3 (cont.)
P1.15 Comparison of corneal biomechanics between glaucomatous, hypertensive and normal eyes in a population aged 75 and more
P1.16 Outcomes of glaucoma referrals from a diabetic eye screening Program
A. Kadyan, S. Yadav (United Kingdom)
P1.17 Age-related morphological change of the anterior chamber in healthy Japanese subjects
P1.18 Preoperative characteristics of glaucoma surgery patients in Eye Clinic of Medical Academy of Lithuanian University of Health Sciences
L. Kuzmiene, R. Gromnickaite, L. Grybauskiene, R. Paulauskaite (Lithuania)

SCREEN 4
P1.19 There is a trend for the diagnosis of glaucoma to be made at an earlier stage in 2010 compared to 2001 in Oxford, United Kingdom
Y. Riaz, S. De Silva, R. Purbrick, J. Salmon (United Kingdom)
P1.20 Glaucoma in Mozambique; present situation
O. Pujol, A. Punta, J. Torres, J. Prat, A. Valera (Spain)
P1.21 Correlations of intraocular pressure, corneal thickness and peripapillary retinal thickness determined by OCT in a German working population
A.K. Schuster, J.E. Fischer, U. Vossmerbaeumer (Germany)
P1.22 Family screening of primary open angle and primary angle closure glaucoma patients: the help of family glaucoma screening project
D. Maheshwari, R. Ramakrishnan, M. Abdul Kader (India)
P1.23 Optimising the care pathway for patients suspected by primary care to have glaucoma in terms of effectiveness of referral refinement
G. Ratnarajan, S. Vernon, D. Henson, C. Fenerty, F. Spencer, Y. Wang, A. McNaught, W. Newsom, L. Collins, D. Garway Heath, R. Bourne (United Kingdom)
P1.24 Glaucoma Optometrist Gwent Service (GOGS). Experiences of a group of hospital based glaucoma accredited optometrists to refine glaucoma referrals
S. Ch’ng, D. O’Duffy, A. Feyi-Waboso (United Kingdom)

SCREEN 5
P1.25 Optometric referrals of glaucoma suspects in the United Kingdom: do the National Guidelines have an impact?
T.Q. Kwong, R.X. Lim, O. Kamel, S. Goyal (United Kingdom)
P1.26 Screening open angle glaucoma in type diabetes
L. Figueiredo, D. Meira, A.C. Braga, J. Sequeira, L. Agrelos (Portugal)
E-POSTERS

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EPIDEMIOLOGY, HEALTH ECONOMICS, QUALITY OF LIFE

SCREEN 5 (cont.)
P1.27 Glaucoma in Portugal. The first economic evaluation
P1.28 The cost effectiveness and duration of effectiveness of SLT as primary and secondary therapy relative to medications in the treatment of primary open angle glaucoma
A. Porta, E. Golez, T. Shazly, F. Ferentini, M. Latina (USA)
P1.29 Service evaluation of a hospital-based triage initiative for new glaucoma referrals
A.M. Gruener, M.F.P. Griffiths (United Kingdom)
P1.30 Visual field defects, type A personality, anxiety and coping styles in patients with primary open angle glaucoma
R. Morreale Bubella, D. Morreale Bubella, L. Ferraro, R. Rizzo, D. La Barbera, S. Cillino (Italy)

SCREEN 6
P1.31 Ophthalmologists’ quality of life
M. Iester, C.E. Traverso, R.A. Hitchings, A. Kotecha (Italy, United Kingdom)
P1.32 Lifetime risk for blindness in eyes with open-angle glaucoma
D. Peters, B. Bengtsson, A. Heijl (Sweden)
P1.33 Quality of life in glaucoma surgery - Canaloplasty versus trabeculectomy
J.P. Salgado, J. Sauer, N. Körber, F.J. Grehn, T. Klink (Germany)
P1.34 Evaluation of preoperative anxiety in patients requiring glaucoma filtration surgery
S. Lemaitre, E. Blumen-Ohana, J. Akesbi, O. Laplace, J.P. Nordmann (France)
P1.35 A clinical method to assess the effect of visual loss on the ability to perform daily living activities in glaucoma patients
H. Wei, G.L. Spaeth (China, USA)
P1.36 Comparison of quality of life in different degrees of glaucoma patients and normal subjects
O. Pujol, A. Anton, K. Sotelo, M. Ferrer (Spain)

SCREEN 7
P1.37 Quality of life and primary open angle glaucoma

BASIC SCIENCE, GENETICS, NEUROPROTECTION, BLOOD FLOW

SCREEN 7
P2.1 The factors that affect retinal nerve fiber layer distribution
H.J. Chung (Korea)
P2.2 The scar formation mechanisms in conjunctiva after experimental glaucoma implant surgery may differ from those after filtering surgery
Y. Kiuchi, M. Shibasaki, K. Jiae, J. Takenaka, T. Chikama (Japan)
E-POSTERS

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BASIC SCIENCE, GENETICS, NEUROPROTECTION, BLOOD FLOW

SCREEN 7 (cont.)
P2.3 Are biomechanical properties of the sclera and eye hydrodynamics related? An experimental study
E. Iomdina, O. Kiseleva, L. Nazarenko, N. Ignatieva (Russia)
P2.4 Evaluation of human Tenon’s fibroblast and endothelium cell responses against single and combined use of current anti-fibrotics: in vitro study
P2.5 Pro ANP (atrial natriuretic peptide) concentration differences in aqueous humor and plasma in open-angle glaucoma (OAG) patients compare with cataract patients (CP)
K. Baumane, G. Laganovska, R. Ranka (Latvia)

SCREEN 8
P2.6 Change in measured intraocular pressure before and after intracameral air injection in an in vitro porcine eye model
G. jóhannesson, P. Hallberg, C. Lindén, A. Behndig (Sweden)
P2.7 Chemokine receptor as a new therapeutic target for ocular hypertension and related retinal degeneration in a rat model of glaucoma
A. Denoyer, D. Godefroy, J. Frugier, F. Baudouin, A. Labbé, W. Rostène, C. Baudouin (France)
P2.8 Lipid peroxidation in aqueous humor obtained from primary open angle glaucoma patients and pseudoexfoliative patients
H. Yoshikawa, Y. Ikeda, K. Mori, M. Ueno, Y. Maruyama, S. Kinoshita (Japan)
P2.10 Biological drainage - Xenoplast in glaucoma surgery (experimental and 10-years of clinical follow-up)
S. Anisimova, S. Anisimov, E. Larionov (Russia)
P2.11 Glaucoma and alpha lipoic acid in diabetic retinopathy
S. Pavliaševic (Bosnia and Herzegovina)

SCREEN 9
P2.13 Histopathology of the aqueous outflow pathways in primary open-angle glaucoma (clinical case)
D. Paulaviciute-Baikstiene, N. Pauziene, D.H. Pauza, I. Januleviciene (Lithuania)
P2.14 Evaluation of LOXL1 polymorphism in pseudoexfoliation syndrome in the Korean population
D.-Y. Park, C. Kee (Korea)
P2.15 Last results of the Spanish Multicenter Genetic Glaucoma Group
E. Milla, S. Duch, M. Carballo, M.J. Gamundi, Spanish Multicenter Genetic Glaucoma Group EMEIGG (Spain)
P2.16 Association between glaucoma heritability and genetic variants associated with normal tension glaucoma
F. Mabuchi, Y. Sakurada, K. Kashiwagi, Z. Yamagata, H. Iijima, S. Tsukahara (Japan)
P2.17 Morphological changes in the mitochondria of cells of trabecular zone in patients with primary open-angle glaucoma
I. Gazizova, V. Alekseev (Russia)
BASIC SCIENCE, GENETICS, NEUROPROTECTION, BLOOD FLOW

SCREEN 10

P2.18 Association of risk alleles of glaucoma marker SNPs with morphological characters of the optic disc

P2.19 Polymorphism of endothelial nitric oxide synthase Glu298Asp in patients with normal tension glaucoma and primary open angle glaucoma
E. Kosior-Jarecka, U. Łukasik, D. Wróbel-Dudzinska, T. Zarnowski (Poland)

P2.20 Effect of gross saponins from tribulus terrestris L (GSTT) on the concentration of glutamic acid in the retinal in rabbits with chronic high intraocular pressure (IOP)
L. Huang, P. Zeng, N. Li (China)

P2.21 Intercellular interactions in neurites outgrowth of retinal ganglion cells
S. Hong, Y. Iizuka, C.Y. Kim, G.J. Seong (Seoul)

P2.22 Correlation of glaucomatous neurodegeneration between eye and visual pathways: structural and functional evaluation with 1,5T MRI
K.N. Engin, B. Yemisci, S. Bayramoglu, N. Turan Gûner, O. Özyurt, E. Karahan (Turkey)

P2.23 Effect of combined neuroprotective therapy of glaucomatous optic neuropathy on structural characteristics of visual analyser in patients with primary open-angle glaucoma
A. Dzhumova, L. Marchenko, M. Dzhumova (Belarus)

P2.24 Surgical neuroprotection by changing the biomechanical properties of sclera in the perineural area in glaucoma
S. Anisimova, S. Anisimov, N. Tchigovanina, L. Arutyunyan (Russia)

SCREEN 11

P2.25 An association of forskolin and rutin improves the pERG signal of POAG patients
D. Sisto, N. Lavermicocca, D. Errico (Italy)

P2.26 Neuroprotective effect of niłuzole and resveratrol administration in experimental glaucoma model
D. Pirhan, N. Yüksel, E. Emre, A. Cengiz, Y. Çaglar, I. Özöver, D.K. Yildiz (Turkey)

P2.27 Neuroprotective effects of intravitreally transplanted adipose tissue- and bone marrow-derived mesenchymal stem cells in an experimental glaucoma model

P2.28 The loss of retinal nerve fiber layer (RNFL) thickness in glaucoma patients treated with brimonidine
A. Smedowski, A. Fitowska, J. Lewin-Kowalik, E. Wylegala (Poland)

P2.30 Antiaging therapy, new valuable paradigm on ocular blood flow enhancement in glaucoma
E.A. Skoufis, I. Segos, G. Neos (Greece)

SCREEN 12

P2.32 Ocular pulse amplitude in patients with graves orbitopathy and healthy subjects
B. Marija, M. Knezovic, P. Hentova-Sencanic, V. Markovic, I. Marjanovic, V. Babic (Serbia)

P2.33 Hemodynamic parameters in the retrobulbar arteries after decreasing of the elevated intraocular pressure in POAG patients
I. Marjanovic, D. Kontic, P. Hentova-Sencanic, V. Markovic, M. Bozic, V. Babic (Serbia)
E-POSTERS

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BASIC SCIENCE, GENETICS, NEUROPROTECTION, BLOOD FLOW

SCREEN 12 (cont.)

P2.34 Blood flow parameters in retrobulbar and internal carotid artery in patients with glaucoma and pseudoexfoliation syndrome
M. Zielinski, M. Misiuk-Hojlo, A. Turno-Krecicka, K. Kisza (Poland)

P2.35 Retrobulbar adipose tissue and intraocular pressure in obesity
O. Stojanov, E. Stokic, O. Sveljo, N. Naumovic (Serbia)

P2.36 ERG responses and blood flow correlations in glaucoma
N. Kuryshcheva, N. Hodak, T. Kiseleva, E. Irtegova (Russia)

P2.37 Lack of spontaneous venous pulsation as a possible risk factor in normal tension glaucoma
L. Abegão Pinto, E. Vandewalle, I. Stalmans (Portugal, Belgium)

SCREEN 13

P2.38 Evaluation of optic nerve parameters according to intraocular blood flow in POAG
N. Zavgorodnya, O. Bezugla, M. Bezugly (Ukraine)

P2.39 Ocular pulse amplitude measured by Pascal dynamic contour tonometry in multiple sclerosis patients

P2.40 Efficiency of neuroretinoprotection in the low-pressure glaucoma patients with arterial hypertension
Z. Veselovskaya, N. Veselovskaya, I. Jerebko (Ukraine)

P2.41 Ocular perfusion pressure and blood flow fluctuations during dorzolamide versus timolol add-on therapy in prostaglandin analogue treated glaucoma subjects
L. Siaudvytyte, R. Barsauskaite, V. Diliene, D. Paulaviciute-Baikstiene, I. Januleviciene, B. Siesky, A. Harris (Lithuania, USA)

P2.42 The effect of a penetration enhancer in nebulized mist and liquid drop forms on retrobulbar blood flow in healthy volunteers
I. Januleviciene, L. Siaudvytyte, R. Barsauskaite, B. Siesky, A. Harris (Lithuania, USA)

P2.43 Correlation between ocular pulse amplitude (OPA) and systemic blood pressure parameters in wide ocular pulse pressure (WOPP) NTG patients
S.J. Ha (Korea)

SCREEN 14

P2.44 Oximetry in glaucoma: correlation with structural and functional damage
E. Vandewalle, L. Abegão Pinto, O. Birna Olafsdottir, P. Stalmans, J. Van Calster, T. Zeyen, E. Stefánsson, I. Stalmans (Belgium, Portugal, Iceland)

P2.45 Risk factors for defective optic nerve head blood flow in open angle glaucoma and ocular hypertension
A. Hafez, R. Ajlan (Canada)

P2.46 Nailfold capillaroscopic examination and endothelial nitric oxide synthase (eNOS) Glu298Asp polymorphism (G894T) in normal tension glaucoma patients. A pilot study
U. Łukasik, J. Bartosinska, E. Kosior-Jarecka, T. Zarnowski, G. Chodorowska (Poland)
GLAUCOMA PHENOTYPES

SCREEN 14 (cont.)
P3.1 Effect of latanoprost on central corneal thickness in unilateral normal-tension glaucoma
J.Y. You, B.J. Cho (Korea)
P3.2 Evaluation of the visual function in obstructive sleep apnea syndrome patients and normal-tension glaucoma by means of the multifocal visual evoked potentials
C. Pérez-Rico, E. Gutiérrez-Díaz, A. Moreno-Salgueiro, M.J. de Atauri, E. Mencía-Gutiérrez, R. Blanco (Spain)
P3.3 ORA waveform analysis of biomechanical properties of the cornea in normal tension glaucoma
A. Grise-Dulac, A. Saad, D. Gatinel (France)
P3.4 The effect of lateral decubitus position on intraocular pressure in patients with untreated normal-tension glaucoma
C. Yoo, J.Y. Lee, Y.Y. Kim (Korea)

SCREEN 15
P3.5 Nail bed hemorrhage: a clinical marker of optic disc hemorrhage in patients with glaucoma
C.K. Park, H.-Y. Park (Korea)
P3.6 Retrobulbar hemodynamics and structure of the optic nerve and retina in normal tension glaucoma
J. Wierzbowska, K. Gwiazda, K. Wojtas, J. Sierdzinski (Poland)
P3.7 Normal tension glaucoma: long-term results of medical and laser treatment instead of intended trabeculectomy
D. Bach-Holm, P.K. Jensen, S.V. Kessing (Denmark)
P3.8 Diurnal ocular perfusion pressure in normal tension glaucoma
T. Hara (Japan)
P3.10 Secondary angle-closure glaucoma associated with pseudophakic pupillary block due to pre-existing laser iridotomy occlusion after cataract surgery
J.W. Park (Korea)
P3.11 Anatomic topographic features structures of iridociliary zone in patients with primary angle-closure glaucoma in cases of progressive cataract
U. Fayzieva, E. Egorova (Uzbekistan, Russia)
P3.12 Management of long-lasting IOP elevation due to the prolonged angle closure. What can we do?
M. Fichtl, E. Růžičková, L. Kondrová (Czech Republic)

SCREEN 16
P3.13 Anterior segment effects of laser peripheral iridoplasty in acute & non-acute primary angle closure eyes
M.C. Aquino, C. Sng, X. Li, S.C. Loon, P. Chew (Singapore)
P3.14 Acute angle closure glaucoma induced by duloxetine
A.d.L. Duarte, S. Estrela Silva, A. Melo, J. Silva Cotta, F. Falcão Reis (Portugal)
P3.15 Demographic evolution of acute primary angle closure between 2001-2003 and 2008- 2010: impact of the modern cataract surgery
G. Boulanger, I. Orignac, M. Weber (France)
P3.16 Incidence of acute primary angle-closure in a Danish population
J.M. Mehlsen, T. Bek, S. Krag (Denmark)
### GLAUCOMA PHENOTYPES

**SCREEN 16 (cont.)**

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<thead>
<tr>
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<th>Authors</th>
<th>Location</th>
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<tbody>
<tr>
<td>P3.17</td>
<td>Acute angle closure in a pseudophakic eye: a diagnostic challenge</td>
<td>A. Suryono, B. Tan, M.C. Aquino, P. Chew</td>
<td>Singapore</td>
</tr>
<tr>
<td>P3.18</td>
<td>The role of phacoemulsification in the management of medically uncontrolled primary chronic angle closure glaucoma</td>
<td>M. Abu-Bakra, A. Shaikh</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>P3.19</td>
<td>Prognostic factors for poor visual outcome in acute primary angle closure</td>
<td>W. Andreatta, I. Elaroud, M. Nessim</td>
<td>United Kingdom</td>
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</tbody>
</table>

**SCREEN 17**

<table>
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<tr>
<th>ID</th>
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<th>Authors</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>P3.21</td>
<td>Severe ocular hypertension secondary to steroid treatment in a child with nephrotic syndrome</td>
<td>P. Brito, S. Silva, J. Cotta, F. Falcão-Reis</td>
<td>Portugal</td>
</tr>
<tr>
<td>P3.22</td>
<td>Correlation between silicone oil in the anterior chamber and intraocular pressure in vitrectomized eyes</td>
<td>M. Zoric Geber, G. Bencic, Z. Vatavuk, R. Ivekovic</td>
<td>Croatia</td>
</tr>
<tr>
<td>P3.23</td>
<td>Surgical treatment of patients ill with secondary phacomorphous glaucoma combined with organic block of anterior chamber angle</td>
<td>A. Postupaev, A. Egorova, N. Postupaeva</td>
<td>Russia</td>
</tr>
<tr>
<td>P3.24</td>
<td>The graduated iridodialysis with the plasty of iris in the surgery of secondary phacomorphous glaucoma</td>
<td>A. Egorova, A. Postupaev, N. Postupaeva</td>
<td>Russia</td>
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<td>D. Quek, S.B. Han, D. Tan, J. Mehta, T. Wong</td>
<td>Singapore, Korea</td>
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P4.49 Macular and peripapillary nerve fiber layer thickness in eyes with macrodisc
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G. Rebolleda, F.J. Muñoz-Negrete, P. Casas, R. Fernandez Buenaga (Spain)

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V. Bhatia, H. Kumar (India)

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P4.99  Effects of long-term topical prostaglandin therapy on central corneal thickness
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P4.111 Glaucoma during pregnancy and puerperium
P. Naranjo Bonilla, R. Giménez Gómez, J.M. Gallardo Galera (Spain)

P4.112 Study of retinal nerve fiber layer in obstructive sleep apnea syndrome patients
B. Ferrandez, P. Calvo, N. Guerri, L. Gil-Arribas, A. Ferreras (Spain)

P4.113 Fundus autofluorescence in the diagnosis of glaucoma
Z. El Sanabary (Egypt)

P4.114 Goniosynechiae and glaucoma following posterior lamellar keratoplasty
L. Thederan, K. Lodde, F. Grehn, G. Geerling, T. Klink (Germany)

P4.115 Is there a general rule for management of glaucoma in pregnancy and lactation? Reflections around two case reports
J. Suarez Jauregui, J.L. Macaya Pascual, V. Mas Tur, M. Guarro Miralles, F.J. Goñi Foncillas (Spain)

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P4.116 Correlation between retinal vessel thickness and circumpapillary RNFL profiles
I. Pereira, S. Weber, S. Holzer, H. Resch, B. Kiss, G. Fischer, C. Vass (Austria)

P4.117 Can trans-sphenoidal operation of hypophisial cystic macroadenoma be the cure for open angle glaucoma? Case report
A. Miljkovic, V. Andreic, N. Babic (Serbia)

P4.118 Patient with glaucoma and pituitary macroadenoma - Signs and symptoms
V. Poposki, D. Poposka, X. Vazquez, E. Barnola, J. Cano (Spain)

P4.119 The effect of erythropoietin treatment on retinal nerve fiber layer parameters in patients with chronic renal failure undergoing peritoneal dialysis
Z. Aktas, M. Ünlü, K. Uludag, Y. Ertan, B. Hasanreisoglu (Turkey)

P4.120 Evaluation of ocular surface temperature in patients with glaucoma
S. Moussa, U. Löw, G. Milioti, T. Eppig, A. Langenbucher, B. Seitz (Germany)

P4.121 Angular lesions secondary to closed globe injury
S. Prieto Briceño, M. Castany Aregall, A. Dou Saenz De Vizmanos, A. Carceller Guilmaret, J. Garcia-Arumi (Spain)

P4.122 Abnormal tonography pattern in a healthy subject with high glaucoma risk. Can Sensimed Trigerfish ocular tonography be used for screening and early diagnosis of glaucoma?
R. Wasilewicz, P. Wasilewicz, P. Tabaczewski, A. Radziemski, R. Goedkoop, J. Kociecki (Poland, USA, Switzerland)
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P5.1 Irrigation ab interno trabeculotomy in primary open-angle glaucoma treatment (technique and results)
D. Ivanov (Russia)

P5.2 Intrascleral diathermostomy. A novel method of microinvasive surgery for primary glaucoma treatment
E. Balakireva, O. Kiseleva, A. Bessmertny, O. Filippova (Russia)

P5.3 IOP and medication reduction following implantation of a trabecular micro-bypass stent in combination with cataract surgery in patients with primary open angle glaucoma
E. Besancon, M. Mercie, M. Boissonnot, P. Ingrand, M. Chabin (France)

P5.4 Short-term evaluation of trabectome in Japanese patients
N. Shoji, M. Takahashi, M. Kasahara, T. Morita, K. Shimizu (Japan)

P5.5 Micro-invasive glaucoma surgery (MIGS) in the treatment of open-angle glaucoma
K. Schargel Palacios, J. Belda Sanchis (Spain)

P5.6 Six-month results of an intracanalicular nickel-titanium scaffold for IOP reduction in open angle glaucoma
N. Pfeiffer, K. Lorenz, M. Tetz, G. Scharioth, S. Grisanti, C. Vass, M. Ramirez, T. Samuelson (Germany, Austria, Mexico, USA)

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P5.7 The trabectome - First European results and subgroup analysis
J.F. Jordan, T. Wecker, C. van Oterendorp, D. Boehringer, T. Reinhard, M. Neuburger (Germany)

P5.8 iStent glaucoma device: experience at CHUM
S. Gagné, H. Singh (Canada)

P5.9 Trabectome outcomes in glaucoma patients
S. Longstaff (United Kingdom)

P5.10 Secondary subconjunctival implantation of biodegradable porous collagen matrix for treating ocular hypotony following trabeculectomy with mitomycin C
T. Dietlein, A. Rosentreter (Germany)

P5.11 Postoperative outcome after trabeculectomy in patients with initial intraocular pressure < 3 mmHg
T. Wortmann, C. Klotz, I. Oberacher-Velten, H. Helbig (Germany)

P5.12 A comparative study between crosslinked sodium hyaluronate (Healaflow) and sodium hyaluronate 2.3 (Healon 5) as subconjunctival spacers injected into failed filtration blebs during needling with MMC
B. Foscarini, C. Bergin, E. Sharkawi (Switzerland)
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P5.13 Postoperative subconjunctival bevacizumab injection as an adjunct to 5-fluorouracil in the management of scarring after trabeculectomy
F.J. Freiberg, S. Karl, J. Matlach, F. Grehn, T. Klink (Germany)

P5.14 First results of using proteolytic enzyme to reduce scarring after glaucoma filtration surgery
L. Nazarenko, O. Kiseleva, E. Iomdina, O. Kalinina (Russia)

P5.15 Results of amniotic membrane use in patients with different risk of trabeculectomy failure in more than year follow-up
G. Vashkevich, T. Imshenetskaya, H. Sitnik (Belarus)

P5.16 Sulfated glycosaminoglycan (sGAG) mixture. A new anti-scarring agent for glaucoma surgery
S.V. Novikov, A.V. Shatskikh, E.K. Takhchidi, K.S. Gorbunova (Russia)

P5.17 Trabeculectomy versus Ex-Press glaucoma filtration device in ocular hypertension after pars plana vitrectomy and silicone oil emulsification
D. Errico, F. Scrimieri, G. Iarossi, R. Fedeli (Italy)

P5.18 Comparison between limbal based and fornix based conjunctival flaps in cases of trabeculectomy with MMC
A. Harby (Saudi Arabia)

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P5.19 Postoperative outcome after trabeculectomy in patients with a preoperative intraocular pressure higher than 3 mmHg
C. Klotz, T. Wortmann, H. Helbig, I. Oberacher-Velten (Germany)

P5.20 Comparison of two different intraoperative delivery methods of mitomycin C during trabeculectomy
J. Matlach, E. Panidou, T. Klink, F. Grehn (Germany)

P5.21 Pinpoint identification of filtration opening on the scleral flap margins created by trabeculectomy

P5.22 Ologen implants as an adjuvant for revision surgery after failed trabeculectomy
P. Kouros, C.C. Loesche, Z. Sbeity, P.-M. Palmiero (Germany, USA)

P5.23 Outcome of repeat trabeculectomy with mitomycin-C
S. Rajendrababu, S. Patil, G. Puthuran, R. Krishnadas (India)

P5.24 Comparison of AS OCT with gonioscopy in evaluating ostium patency in patients with failing trabeculectomy surgery
P. Thacker, U. Yadava, K. Jai Singh, S. Gupta (India)
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P5.25 Trabeculectomy with or without a peripheral iridectomy
B. Koucheki, Z. Vahediamoli, M. Mehrabanfar (Iran)

P5.26 Preliminary results of trabeculectomy with suprachoroidal derivation
R. Perez Grossmann, D. Grigera, A. Wenger (Argentina)

P5.27 The changing practice of trabeculectomy surgery in a UK tertiary referral centre, 1991-2008
K. Mercieca, J. Brady, M.I. Khan, L. Au, C. Fenerty, A.F. Spencer (United Kingdom)

P5.28 Efficacy of intraocular pressure guided suture tension adjustment during trabeculectomy: a randomized controlled trial
Y.B. Liang, S. Rong, Y. Huang, R. Thomas, H. Meng, S. Fan, R. Wang, H.Y. Cui, N. Wang (China, Australia)

P5.29 Clinical evaluation and blebs tomographic filtration after routine use of mitomycin C during filtering surgery. About 49 cases
N. Yani, M. Mercie, B. Idriss, J.-J. Gicquel, M. Boissonnot (France)

P5.30 Scleral tunnel mini-trabeculectomy in glaucomatous eyes with dry eye
M. Guzey (Turkey)

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P5.31 Combined anterior approach and posterior approach for the management of post-trabeculectomy hypotony with hypotony maculopathy
M. Elbasty (Egypt)

P5.32 Risk factors for corneal decompensation following glaucoma surgery
S.-C. Cha, T.-Y. Lee, J.-Y. Lee, K.-W. Lee (Korea)

P5.33 Long-term outcomes following the surgical repair of traumatic cyclodialysis clefts
P. Agrawal, F. Sii, R. Tailor, P. Shah (United Kingdom)

P5.34 About a case of wipe out phenomenon: a surprising explanation
I. Origncac, M. Weber (France)

P5.35 Clinical profile, investigation and management of 87 eyes diagnosed with malignant glaucoma
S. Balekudaru, P. Rewri, V. Lingam, P. Bhende (India)

P5.36 Risk factors for decompression retinopathy after glaucoma surgery
K.I. Jung, C.K. Park (Korea)

P5.37 Management of an uveal effusion in nanophthalmos, a case report
C. Andrébe, C. Schweitzer, O. Chatoux, F. Malet, J. Colin (France)
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P5.38 Cycloidiysis cleft treatment with a minimally invasive technique

P5.39 Outcome of bleb revision using scleral patch graft for complications following trabeculectomy
G. Venkataraman, J. Jaho, S. Patil, K. Dhume, S. Deshmukh, S. Parthasarathi (India)

P5.40 Primary deep sclerectomy augmented with bevacizumab: a comparative case control study
J.C. Mesa-Gutierrez (Spain)

P5.41 Laser reconstruction of anterior chamber angle as a method of hypertension elimination after non-penetrating deep sclerectomy
T. Sokolovskaya, D. Magaramov, E. Usoltseva, Y. Kochetkova (Russia)

P5.42 Surgical results of minimally invasive revision ab intemo for iris incarceration following nonpenetrating filtering surgery
N. Toyokawa, S. Kuroda, H. Kimura, M. Matsumura (Japan)

P5.43 Prognostic factors for the efficacy of deep sclerectomy with T-Flux NV or SKGEL implants in primary open-angle glaucoma and exfoliative glaucoma: a five-year study
B. Giambene, F. Galassi (Italy)

P5.44 Deep sclerectomy augmented with suprachoroidal gold micro-shunt: month results
P. Harasymowycz (Canada)

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P5.45 Prospective analysis of non penetrating deep sclerectomy filtering bleb by anterior segment optical coherence tomography
J.A. Urcola, C. Dalmasso, A. Gómez, A. Larrauri, E. Miranda (Spain)

P5.46 Combined viscocanalostomy-trabeculectomy (Visco-Trab) operation: a dual filtration pathway for management of advanced to end-stage glaucoma
T. Eid, E.E. Ibrahim (Egypt)

P5.48 The circular probing of Schlemm’s canal in glaucoma surgery
N. Postupaeva, A. Egorova, A. Postupaev (Russia)

P5.49 Four-year experience with canaloplasty in open-angle glaucoma
P. Brusini, C. Tosoni (Italy)

P5.50 Visante OCT in non-penetrating deep sclerectomy with intraoperative antimetabolites and no implant: long-term results
C. Gutiérrez-Ortiz, A. Moreno-Salgueiro, C. Pérez-Rico, A. González-Mesa, J. Gros-Otero, M.A. Teus-Guezala (Spain)

P5.51 Correlation between intrascleral bleb height measured by anterior segment OCT and IOP in deep sclerectomy with three kind of implants
R. Fernández Buenaga, G. Rebolleda, P. Casas Llera, F.J. Muñoz Negrete, M. Pérez López (Spain)

P5.52 Choice of additional intervention in failed microinvasive nonpenetrating deep sclerectomy (MNPDS)
E.K. Takhchidi, N. Kozlova (Russia)
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P5.53 Canaloplasty for primary open angle glaucoma in Caucasians. Two year results from a tertiary referral centre in The Netherlands
T. Theelen, R. Bakker, C.A. Eggink (The Netherlands)

P5.54 Comparative study between Esnoper and T-flux as device for deep esclerectomy surgery after one year of follow-up
S. Copete Piqueras, N. Puerto Amorós, A. Moreno Valladares, I. Flores Moreno, I. Pérez González (Spain)

P5.55 Trabeculectomy versus deep sclerectomy with viscocanalostomy in primary open-angle glaucoma
P. Tein (Estonia)

P5.56 Phacoemulsification versus combined phacotrabeculectomy in closed-angle patients with re-elevated intraocular pressure after peripheral iridotomy
S. Hyung, S. Bae, J.H. Lee, K.R. Choi, K.W. Lee (Korea)

P5.57 Comparison of filtering bleb survival and intraocular pressure between combined phacotrabeculectomy and trabeculectomy in primary open-angle glaucoma and primary angle-closure glaucoma
C. Kim, K. Kim, D. Heo (Korea)

P5.58 A long-term evaluation of iStent implantation in combination with cataract surgery in patients with coexistent cataract and mild-moderate open angle glaucoma uncontrolled on medications
J.M. Martínez-de-la-Casa, J. García-Feijoo, P. Arriola-Villalobos, F. Saenz-Frances, L. Morales, C. Mendez, E. Santos (Spain)

P5.59 EX-PRESS® P50 glaucoma device implantation combined with phacoemulsification
A. Ozcan, F. Simsek (Turkey)

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P5.60 Combined phacoemulsification, endoscopic ciliary process photocoagulation, and intraocular lens implantation in refractory glaucoma management
S. Avramovic, Z. Kuljaca, Z. Ignjatovic (Serbia)

P5.61 Goniosynechialysis combined with phacoemulsification in patients with uncontrolled acute primary angle closure and primary angle-closure glaucoma
J.W. Lee, E.A. Kim, S.J. Kim (Korea)

P5.62 Ovality of the anterior capsular opening after cataract surgery in patients with primary angle-closure disease
Y.Y. Kim, C. Yoo, C. Yun (Korea)

P5.63 Endotrabeculectomy and phacoemulsification for combined glaucoma and cataract surgery
I. Novytskyy, M. Novytskyy (Ukraine)

P5.64 Micro incision cataract surgery combined with EX-PRESS (P-50) implant under scleral flap and reticulate hyaluronic acid injection
R. Altafini, S. Morselli (Italy)

P5.65 Trabeculectomy in phakic, in pseudophakic eyes vs phacotrabeculectomy with mitomycin C
S. Hosoda, D. Shiba, T. Ono, N. Ozeki, K. Yuki, K. Tshbota (Japan)

P5.66 Clinical outcome of the combination of phacoemulsification and trabeculotomy
U. Loew, C.-P. Jonescu-Cuypers, S. Moussa, G. Milioti, A. Langenbucher, B. Seitz (Germany)
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P5.67 The IOL of choice for combined cataract and glaucoma filtration surgery; three year experience with MI60
S. Morselli, R. Altafini (Italy)

P5.68 Control of ocular hypertension in nanophthalmic eyes with implant Minishunt-EXPRESS®
A. Oleñik Memmel, C. Rodriguez-Bermejo, M.A. De la Fuente, B. Sandoval (Spain)

P5.69 Mini Xpress valve for the surgical management of complex glaucomas
E. Ansari (United Kingdom)

P5.70 New surgical technique of repositioning malpositioned tube tips after Ahmed valve implantation

P5.71 Comparison of the outcome of silicone Ahmed glaucoma valve implantation with a surface area between 96 mm² and 184 mm²
Y.-H. Sohn, Y.C. Jeong, S. Young Jin (Korea)

P5.72 Preoperative assessment of opening and closing pressure of silicone Ahmed glaucoma valves
F. Bochmann, A. Kipfer, L. Müller, L.M. Bachmann, M.A. Thiel (Switzerland)

P5.73 Miniature EX-PRESS 200 glaucoma device implantation (retrospective case series)
M. Corsani (Italy)

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P5.74 Ahmed glaucoma valve implantation in refractory glaucoma
G. Vashkevich, T. Imshenetskaya (Belarus)

P5.75 Viscosurgery-assisted glaucoma minishunt implantation
V. Trubilin, A. Trubilin (Russia)

P5.76 Surgical outcomes of Baerveldt aqueous shunt implantation versus combined phacoemulsification and Baerveldt aqueous shunt implantation
F. Achache (Switzerland)

P5.77 Encapsulated bleb removal following Ahmed glaucoma valve implantation
J. Rosbach, L. Choritz, G. Renieri, N. Pfeiffer, H. Thieme (Germany)

P5.78 Evaluation of the incidence of severe hypotony and lost AC in cases of valvular GDDs (AGV) implantation
H. Ahmed (Saudi Arabia)

P5.79 Baerveldt tube position in relation to corneal endothelial cell loss

P5.80 Outcomes of primary tube shunt surgery versus trabeculectomy with mitomycin C
J. Panarelli, M. Banitt, S. Gedde, J. Schiffman (USA)
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P5.81 Surgical outcomes of deep sclerectomy versus Baerveldt aqueous shunt implantation following initial failed deep sclerectomy
E. Sharkawi, A. Petrovic, A. Mermod, E. Ravinet, C. Schnyder, F. Achache, C. Bergin (Switzerland)

P5.82 Baerveldt aqueous shunt implantation into the ciliary sulcus: a novel surgical technique
C. Bergin, S. Andrei, F. Achache, E. Sharkawi (Switzerland)

P5.83 Comparison of filtering blebs of trabeculectomy and tube shunts using conjunctival impression cytology
S. Ugurlu, M. Erdogan, S. Aktas, D. Egri mez (Turkey)

P5.84 NSAID’s versus steroids: which is best for postsurgical management of glaucoma Ahmed valve implant? A pilot study
C. Esponda Lammoglia, O. Albis Donado, J. Jimenez Roman (Mexico)

P5.85 Intracameral tying-off of glaucoma drainage device tubes as a management of hypotony following GDD implant surgery
P. Cikatricis, T. Parmar, N. Mavrakanas, V. Sung (United Kingdom)

P5.86 Special surgical considerations in the case of combined surgery for glaucoma tube insertion and Boston type keratoprosthesis implantation
C. Pallás, H. Pallás (Spain)

P5.87 Application of collagen impregnated polyester grafts as drainage devices in different types of glaucoma surgery
N. Palarie, T. Pasenco (Moldova)

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P5.88 Characteristics of diurnal and nocturnal peaks IOP using continuous 24-hour IOP monitoring
K. Mansouri, F. Medeiros, R. Weinreb (USA)

P5.89 Relationship between long-term intraocular pressure variability and structural and functional parameters in glaucoma
T. Realini, R. Weinreb (USA)

P5.90 Pattern of intraocular pressure fluctuation between currently-treated primary angle closure and primary open angle glaucoma
Y. Tangseepha, A. Manassakorn (Thailand)

P5.91 Variations of intraocular pressure before and after visual field examination in various glaucoma patients
J.H. Yim, J.K. Min, K.S. Park, S.J. Lee, S.W. Kim, J.M. Woo (Korea)

P5.92 24-hour wear of a contact lens sensor for continuous intraocular monitoring is well tolerated
F. Medeiros, N. Pfeiffer, A. Mermod, K. Lorenz, K. Mansouri, J. Lindell, R.J. Goedkoop, R.N. Weinreb (USA, Germany, Switzerland)

P5.93 Effect of phacoemulsification on IOP level
M. Janicijevic Petrovic, T. Sarenac-Vulovic, K. Janicijevic, N. Petrovic, S. Sreckovic, S. Paunovic, D. Vulovic, M. Petrovic (Serbia)

P5.94 Relationship between intravitreal antivascular endothelial growth factor injection and intraocular pressure for the treatment of neovascular age related macular degeneration
N. Ariturk, G. Kazaz (Turkey)
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P5.95 Wake/sleep transition-related IOP fluctuation recorded during contact lens-based 24-hour continuous IOP monitoring in healthy and glaucoma subjects
K. Lorenz, M.M. Keilani, C. Korb, N. Herzog, J. Wasielica-Poslednik, H. Elflein, N. Pfeiffer (Germany)

P5.96 In-hospital continuous 24-hour IOP monitoring in the habitual position with a contact lens device
M. Kolko, D. Bach-Holm, V. Kvaraciejute, J. Thygesen (Denmark)

P5.97 A 6-month, observational trial investigating with electronic monitoring the level of adherence and ocular surface health with latanoprost/timolol fixed versus latanoprost and timolol unfixed therapy in glaucoma

P5.98 Oral antioxidant supplementation in primary open-angle glaucoma
J.J. Garcia-Medina, M. Garcia-Medina, V. Zanon-Moreno, C. Garcia-Maturana, S. Pons-Vazquez, S. Perez-Pardo, M.D. Pinazo-Duran (Spain)

P5.99 Macular edema and prostaglandins treatment
J. Paz Moreno-Arrones, G. Bolivar De Miguel, J. Gros Otero, C. Gutierrez Ortiz, M.A. Castejon Cervero, M.A. Teus Guezala (Spain)

P5.100 Clinical development of AR-12286: assessing safety and ocular hypotensive efficacy in patients with elevated intraocular pressure and in normotensive volunteers
T. van Haarlem, C. Kopczynski, G. Novack (USA)

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P5.102 Ocular surface alteration and topical antiglaucomatous therapy; symptoms vs clinical signs
T. Rolle, D. Curto, E. Isiaia, F. Damiani, P. Lanzafame, A. Actis (Italy)

P5.103 Syndrome of dry eye of the patients with primary glaucoma
O. Andrushkova (Ukraine)

P5.104 Granulomatous conjunctivitis associated with the use of brimonidine
M. Carrasco, J. Zarate (Argentina)

P5.105 Prospective follow-up study regarding refill adherence and polypharmacy among patients with open angle glaucoma or ocular hypertension

P5.106 Bimatropost 0.03% preservative-free ophthalmic solution versus lumigan 0.03% ophthalmic solution for glaucoma or ocular hypertension: a 12-week, double-masked trial
D. Day, T. Walters, G. Schwartz, T.K. Mundorf, M. Bejanian, C. Liu, R. Schiffman (USA)

P5.107 A prospective study of GANfort® treatment for patients with primary open angle glaucoma (POAG) or ocular hypertension (OHT)
A. Diagourtas, S. Talianzis, E. Karmiris, C. Koutsandrea, G. Georgopoulos, D. Papaconstantinou (Greece)

P5.108 Citotoxity on human conjunctival cell cultures of bimatoprost 0.03% and bimatoprost 0.01%
J.F. Ramos Lopez, E. Rodrigo-Morales, F. Perez-Roca, M.A. Martin-Piedra (Spain)
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P5.109 PAP (prostaglandins-associated periorbitopathy)
C. Seabra, M. Bicho (Portugal)

P5.110 Tear clearance and ocular symptoms in patients treated with prostaglandins without preservatives
R. Giménez-Gómez, R. García-Catalán (Spain)

P5.111 Ocular surface tolerability of prostaglandin analogs in patients with glaucoma or ocular hypertension
J. Williams, S. Vold, A. Crichton, D.A. Hollander (Canada)

P5.112 Distribution of adherence to intraocular pressure lowering agents among glaucoma patients is bimodal and robust to operational definitions of glaucoma and adherence
J. Jones, D. Fong, E. Fang, C. Mesirov, R. Wang, V. Patel (USA)

P5.113 Factors contributing to adherence with topical glaucoma treatments
J. Jones, D. Fong, E. Fang, C. Mesirov, R. Wang (USA)

P5.114 Continuous IOP monitoring in glaucoma patients treated with tafluprost
A. Aref, S. Bhartiya, K. Mansouri, T. Shaarawy (Switzerland)

P5.115 The relationship between sub basal nerve morphology and corneal sensation in patients treated for glaucoma
A. Labbé, H. Alalwani, C. Van Went, E. Brasnu, A. Denoyer, C. Baudouin (France)

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P5.116 Correlation between the use of prostaglandin analogues and the development of macular edema after phacoemulsification surgery
M. Figus, C. Posarelli, S. Lazzeri, L. Martini, M. Nardi (Italy)

P5.117 Citotoxicity on human conjunctival cell cultures of BAK preserved travoprost and travoprost with Polyquad®
F. Perez-Roca, E. Rodrigo-Morales, J.F. Ramos Lopez, M.A. Martin-Piedra (Spain)

P5.118 Effect of a new audible and visual reminder device on adherence with topical latanoprost for glaucoma
M. Hermann, A. Bron, C. Creuzot-Garcher, M. Diestelhorst (Germany, France)

P5.119 Initial treatment in glaucoma suspects and ocular hypertension subjects: a decision tree based analysis
C.S. Fernandez Escamez, E. Martin Giral, S. Perucho Martinez, J.A. Reche Sainz, N. Toledano Fernandez (Spain)

P5.120 Ocular pseudopemphigoid after topical multidrug administration and anterior segment surgery in chronic glaucoma
S. Troisi, V. Turco, P. Turco (Italy)

P5.121 Intraocular pressure reduction by tafluprost and latanoprost with every other day administration
A. Ando, K. Minamino, M. Matsuoka, K. Matsuyama, H. Mori, C. Takagi, A. Kuwahara, T. Nishimura, K. Takahashi (Japan)

P5.122 An examination of the improvement in ocular surface disease (OSD) in glaucoma patients following months of treatment with Catioprost®, a preservative-free latanoprost 0.005% cationic emulsion, in two multi-center studies
R. Buggage, M. Amrane, D. Ismail, J.-P. Pisella, C. Baudouin (France)
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P5.123 Effect of non-steroidal anti-inflammatory ophthalmic solution on intraocular pressure reduction by prostaglandin analog in patients with glaucoma
C. Altan, B. Satana, F.E. Aksoy, Y. Kucuksumer, D. Alp, A. Cinal, A. Demirok (Turkey)

P5.124 Evaluation of ocular surface disease associated with glaucoma patients
N. Yüksel, R. Osmanoglu Cinik, B. Cucen, O. Altintas (Turkey)

P5.125 A comparison of efficacy and safety between superior 180 and inferior 180 degree selective laser trabeculoplasty in open angle glaucoma
J.W. Lee, K.W. Lee, E.J. Kim, J.H. Kim (Korea)

P5.126 Efficacy and safety of selective laser trabeculoplasty (SLT): results of this procedure for open angle glaucoma (OAG) over a 8 &½ - year period
F. Ferentini, A. Porta (Italy)

P5.128 Acute reversible corneal endothelial changes associated with selective laser trabeculoplasty
A. White, A. Mukherjee, H. Shahid, I. Hансpal, N. Sarkies, M. Rajan, K. Martin, P. Shah (United Kingdom)

P5.130 Long-term visual outcomes of glaucoma patients following a single episode of trans-scleral cyclodiode laser treatment
H. Shahid, I. Zekhov, N. Sarkies, K. Martin, A. White, R. Janjua (United Kingdom)

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P5.132 High-intensity focused ultrasound cyclocoagulation: a twelve-month follow-up pilot study
F. Aptel, T. Charrel, C. Lafon, F. Romano, J.-Y. Chapelon, E. Blumen-Ohana, J.-P. Nordmann, P. Denis (France)

P5.134 Experience and 3-year results of diode laser cycloablation in adult glaucoma
G. Ansari, A.M. Gruener, C.L.J. Page, M.F.P. Griffiths (United Kingdom)

P5.136 Effectiveness of selective laser trabeculoplasty on pigmentary glaucoma
C. Scemama Timsit, E. Blumen Ohana, J. Akesbi, E. Bluwol, A. Labbe, O. Laplace, J.P. Nordmann (France)

P5.137 Comparison of diode laser with selective laser trabeculoplasty in patients with open angle glaucoma
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P5.138 Prognostic criteria of development reactive hypertension after selective laser activation of trabecula in patients with primary open angle glaucoma
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