Scientific Program
### Sunday, 19 June 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Congress Hall</th>
<th>Meeting Hall I</th>
<th>Club A</th>
<th>Club B</th>
<th>Club C</th>
<th>Club D</th>
<th>Club E</th>
<th>Club H</th>
<th>North Hall</th>
<th>Meeting Hall IV</th>
<th>Meeting Hall V</th>
<th>Chamber Hall</th>
<th>South Hall A</th>
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<td>18.00</td>
<td>Syrian Removal of the Czech and Slovak Glaucoma Societies</td>
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**Welcome Reception**
Exhibition Area - 2nd floor

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### Monday, 20 June 2016

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<tr>
<th>Time</th>
<th>Congress Hall</th>
<th>Meeting Hall I</th>
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<th>North Hall</th>
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<td>10.15</td>
<td>Main Session 1 - Challenges in diagnosis</td>
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<td>10.45</td>
<td>Congress Welcome &amp; EGS Showcase</td>
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<td>10.45</td>
<td>AAO/EGS Joined Session - Genes and big data - Impact on diagnostics</td>
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<td>12.30</td>
<td>Educational Partner Luncheon Symposium</td>
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**Poster Session 1 - Epidemiology, Health Economics, Pathogenesis - P1.1 > P1.82**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>15.15</td>
<td>C1.5 Cataract and glaucoma: What for glaucoma</td>
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<tr>
<td>15.15</td>
<td>C1.1 Uveitic glaucoma: Diagnostic approach</td>
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<tr>
<td>15.15</td>
<td>C1.10 SIG Meeting - Surgery</td>
</tr>
<tr>
<td>15.15</td>
<td>C1.2 Target IOP: How much is enough?</td>
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<tr>
<td>15.15</td>
<td>C1.3 Critical appraisal of evidence</td>
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<tr>
<td>15.15</td>
<td>C1.4 Improving success of trabeculectomy: pre- and postoperative management</td>
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<tr>
<td>15.15</td>
<td>C1.11 Screening for glaucoma: yes or no?</td>
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<tr>
<td>15.15</td>
<td>C1.6 Glaucoma surgery: a bird’s-eye view</td>
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<tr>
<td>15.15</td>
<td>C1.3 Generics in glaucoma: management</td>
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<tr>
<td>15.15</td>
<td>C1.12 Cost/-effective glaucoma practice</td>
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<tr>
<td>15.15</td>
<td>C1.9 Glaucoma management in 2020: What will we be doing?</td>
</tr>
<tr>
<td>15.15</td>
<td>C1.8 OCT: recent advances</td>
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<tr>
<td>15.15</td>
<td>C1.14 Glaucoma subspecialty training and exam: EBO exams &amp; certification</td>
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<tr>
<td>15.15</td>
<td>C1.7 Ocular hypertension: when to treat?</td>
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</table>

**Poster Session 2 - Diagnosis - P2.1 > P2.98**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>14.15</td>
<td>C2.5 Cataract and glaucoma: What for glaucoma</td>
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<tr>
<td>14.15</td>
<td>C2.1 Uveitic glaucoma: Diagnostic approach</td>
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<td>C2.10 SIG Meeting - Angle closure</td>
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<tr>
<td>14.15</td>
<td>C2.11 Target IOP: How much is enough?</td>
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<tr>
<td>14.15</td>
<td>C2.13 Critical appraisal of evidence</td>
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<tr>
<td>14.15</td>
<td>C2.14 Improving success of trabeculectomy: pre- and postoperative management</td>
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<tr>
<td>14.15</td>
<td>C2.11 Screening for glaucoma: yes or no?</td>
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<tr>
<td>14.15</td>
<td>C2.6 Glaucoma surgery: a bird’s-eye view</td>
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<tr>
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<td>C2.3 Generics in glaucoma: management</td>
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<tr>
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<td>C2.12 Cost/-effective glaucoma practice</td>
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<tr>
<td>14.15</td>
<td>C2.7 OCT: recent advances</td>
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<tr>
<td>14.15</td>
<td>C2.4 Glaucoma subspecialty training and exam: EBO exams &amp; certification</td>
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<tr>
<td>14.15</td>
<td>C2.8 Surgery in kids: what are the options?</td>
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### Thursday, 23 June 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>17.00</td>
<td>Teleglaucoma Session</td>
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<tr>
<td>18.45</td>
<td>Perimetry and Imaging Session</td>
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**Innovation** | **Education** | **Treatment** | **Communication** | **Implementation** | **Follow up** | **Diagnosis**
### Tuesday, 21 June 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Main Session 3: Glaucoma damage progression</td>
<td>Congress Hall</td>
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<td>08:30</td>
<td>Educational Partner Lunchtime Symposium</td>
<td>Meeting Hall I</td>
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<tr>
<td>09:45</td>
<td>Main Session 4: Understanding IOP</td>
<td>Club A</td>
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<tr>
<td>10:45</td>
<td>Educational Partner Lunchtime Symposium</td>
<td>Club B</td>
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<tr>
<td>12:00</td>
<td>Main Session 5: Innovations in management</td>
<td>Club C</td>
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<tr>
<td>14:15</td>
<td>Poster Session 3 - Follow-up - P3.1 &gt; P3.70</td>
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<tr>
<td>15:15</td>
<td>Poster Session 4 - Treatment 1 - P4.1 &gt; P4.69</td>
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<tr>
<td>17:00</td>
<td>Main Session 5: Innovations in management</td>
<td>North Hall</td>
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<tr>
<td>18:30</td>
<td>Industry Parallel Workshop</td>
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<td>Industry Parallel Workshop</td>
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<td></td>
<td>Industry Parallel Workshop</td>
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**Program at a Glance**

1. **Diagnosis**
2. **Innovation**
3. **Education**
4. **Treatment**
5. **Communication**
6. **Implementation**
7. **Follow up**
8. **Diagnosis**
### Wednesday, 22 June 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
<th>Location</th>
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<tbody>
<tr>
<td>8.30</td>
<td>WGA 2016 Consensus Meeting Summary</td>
<td>2nd floor</td>
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<tr>
<td>9.00</td>
<td>Main Session 6: Putting the EGS Guidelines into practice: &quot;the goal of glaucoma treatment&quot;</td>
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<tr>
<td>9.00</td>
<td>Main Session 7: Hot topics, targets and developments in medical treatment</td>
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<td>10.16</td>
<td>Educational Partner Lunchtime Symposium</td>
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<tr>
<td>10.45</td>
<td>Poster Session 5 - Treatment 2 - P5.1 &gt; P5.69</td>
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<tr>
<td>12.30</td>
<td>Poster Session 6 - Treatment 3 - P6.1 &gt; P6.70</td>
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<td>Poster Session 6 - Treatment 3 - P6.1 &gt; P6.70</td>
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<td>Poster Session 6 - Treatment 3 - P6.1 &gt; P6.70</td>
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<td>Poster Session 6 - Treatment 3 - P6.1 &gt; P6.70</td>
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<td>15.45</td>
<td>Poster Session 6 - Treatment 3 - P6.1 &gt; P6.70</td>
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<tr>
<td>18.00</td>
<td>Farewell Reception</td>
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**Program at a Glance**

- **Innovation**
- **Education**
- **Treatment**
- **Communication**
- **Implementation**
- **Follow up**
- **Diagnosis**
Sunday 19 June, 2016

14.45 North Hall - Second Floor
17.45 Symposium of the Czech and Slovak Glaucoma Societies

Chairs: Marta Karhanová (Czech Republic), Mária Praženicová (Slovak Republic), Rohit Varma (USA)

Is the decrease of intraocular pressure in itself enough to stop the progression of normal tension glaucoma?

GS1.1 Tomáš Kuběna, Pavel Černošek, Helena Vaňharová (Czech Republic)

24-hour IOP monitoring in normal tension glaucoma - Case reports

GS1.2 Lucie Kondrová, Marek Fichtl, Eva Růžičková (Czech Republic)

Translaminar gradient - A risk factor in glaucoma

GS1.3 Jozef Čmelo (Slovak Republic)

Evaluation of Vitamin D status and Vitamin D supplementation in glaucoma patients

GS1.4 Hana Pešková (Czech Republic), Eva Dršatová (Austria)

The biomechanical properties of the cornea and the intraocular pressure lowering medication

GS1.5 Ivana Lihneová (Czech Republic)

Trendelenburg position and pressure behaviour during prostate robotic surgery

GS1.6 Mária Praženicová (Slovak Republic)

Glaucoma in Czech patients with posterior polymorphous corneal dystrophy

GS1.7 Petra Lišková, Marek Fichtl, Martin Filípec, Michalis Palos, Pavlína Skalická (Czech Republic)

Pigment dispersion syndrome and pigmentary glaucoma - Study results

GS1.8 Lea Ferková (Slovak Republic)

Glaucoma and ocular hypertension in patients with thyroid-associated orbitopathy

GS1.9 Marta Karhanová (Czech Republic)

Correlation between retinal nerve fibre thickness, GCC and visual fields in primary open angle glaucoma

GS1.10 Christiána Mattová, Jana Mattová (Slovak Republic)

Heidelberg retina tomography pitfalls

GS1.11 Petr Mlčák, Zdeněk Fryšák, Marta Karhanová, Klára Marešová (Czech Republic)

The assessment, diagnosis and glaucoma prognosis supported by the FORUM Glaucoma Workplace software

GS1.12 Jara Hornová, Ondřej Rusňák (Czech Republic)

Canaloplasty glaucoma surgery - Clinical outcomes

GS1.13 Soňa Karlovská, Jana Bezděková, Ivana Lihneová (Czech Republic)

Suprachoroidal drainage implant - First experience

GS1.14 Marek Fichtl, Lucie Kondrová, Eva Růžičková (Czech Republic)
14.45 North Hall - Second Floor
17.45 Symposium of the Czech and Slovak Glaucoma Societies (cont.)

Refractory uveitic glaucoma treated by filtration device implantation and bevacizumab postoperative subconjunctival injections
GS1.15 Klára Marešová (Czech Republic)

A case report of the complex surgical management of complicated cataract and resistant secondary glaucoma in a young patient
GS1.16 Martin Fučík (Czech Republic)
Monday 20 June, 2016

Diagnostics

8.30  Congress Hall - Second Floor
9.50  Main Session 1

Challenges in diagnosis
Chairs: Leopold Schmetterer (Austria), Anja Tuulonen (Finland)
Facilitators: Joseph Caprioli (USA), David Garway-Heath (United Kingdom)

8.30  Introduction

8.32  Glaucoma suspects and pre-perimetric glaucoma: revisiting definitions and weighting clinical value
MS1.1  Anders Heijl (Sweden)

8.42  Can glaucoma screening be cost effective?
MS1.2  Anja Tuulonen (Finland)

8.52  Positioning imaging in diagnosis and staging by glaucoma severity
MS1.3  Ingrida Januleviciene (Lithuania)

9.02  Pitfalls in the OCT examination process
MS1.4  Gábor Holló (Hungary)

9.12  Pitfalls in visual field examination process
MS1.5  Jean-Philippe Nordmann (France)

9.22  How to implement rapidly developing imaging technology in clinical practice
MS1.6  Leopold Schmetterer (Austria)

9.32  Discussion

9.50  Congress Welcome & EGS Showcase
10.15  Anja Tuulonen (Finland)

10.15  Poster Area - Third Floor
10.45  Poster Session 1 - P1.1 > P1.82
Epidemiology, Health Economics, Pathogenesis
Chairs: Augusto Azuara-Blanco (United Kingdom), Keith Martin (United Kingdom)
Monday 20 June, 2016

Diagnostics

10.45 Congress Hall - Second Floor
12.20 Main Session 2
AAO/EGS Joined Session
Genes and big data - Impact on diagnostics
Chairs: Fotis Topouzis (Greece), Ananth C. Viswanathan (United Kingdom)
Facilitators: Rupert Bourne (United Kingdom), Louis R. Pasquale (USA)

10.45 Introduction

10.47 Undiagnosed glaucoma vs over-diagnosis
MS2.1 Fotis Topouzis (Greece)

10.57 Learning from big data and large cohorts - Large cohorts consortia
MS2.2 Paul Healey (Australia)

11.07 Learning from big data and large cohorts - Health care/insurance data
MS2.3 Anne L. Coleman (USA)

11.17 Learning from big data and large cohorts - Big data collection from clinics
MS2.4 David Crabb (United Kingdom)

11.27 Biobanks: genes, phenotypes and what else?
MS2.5 Ananth C. Viswanathan (United Kingdom)

11.37 Glaucoma imaging biomarkers - Are we there yet?
MS2.6 Robert N. Weinreb (USA)

11.47 Predicting risk in exfoliation glaucoma: biomarkers, bad genes and beyond
MS2.7 Tin Aung (Singapore)

11.57 Family history in diagnosis
MS2.8 Wallace Alward (USA)

12.07 Discussion

12.30 Educational Partner
14.00 Lunchtime Symposium (see page 82)
Monday 20 June, 2016

14.15 Instructional Courses 1

15.15

Club A - First Floor

C1.1 Uveitic glaucoma - part I: a diagnostic approach
Course Director: Philippe Gaston Kestelyn (Belgium)
Course Speakers: Nicholas Jones (United Kingdom), Philippe Gaston Kestelyn (Belgium), André Mermoud (Switzerland)

Club C - First Floor

C1.2 Target IOP - How much is enough?
Course Director: George L. Spaeth (USA)
Course Speakers: Kuldev Singh (USA), George L. Spaeth (USA)

Meeting Hall IV - Second Floor

C1.3 Generics in glaucoma management
Course Director: Frances Meier-Gibbons (Switzerland)
Course Speakers: Anton Hommer (Austria), Frances Meier-Gibbons (Switzerland), Leopold Schmetterer (Austria)

Club E - First Floor

C1.4 Improving success of trabeculectomy part I: pre- and postoperative management
Course Director: Peng Tee Khaw (United Kingdom)
Course Speaker: Peng Tee Khaw (United Kingdom), Peter Shah (United Kingdom)

Meeting Hall I - First Floor

C1.5 Cataract and glaucoma - part I: phaco for glaucoma
Course Director: Carlo Enrico Traverso (Italy)
Course Speaker: Carlo Alberto Cutolo (Italy), Gus Gazzard (United Kingdom), Carlo Enrico Traverso (Italy)

North Hall - Second Floor

C1.6 Glaucoma surgeries: a bird’s-eye view
Course Director: Herbert Reitsamer (Austria)
Course Speakers: Christoph Faschinger (Austria), Herbert Reitsamer (Austria)

South Hall C - Third Floor

C1.7 Ocular hypertension: when to treat?
Course Director: Stefano Miglior (Italy)
Course Speakers: Stefano Miglior (Italy), Norbert Pfeiffer (Germany)
Monday 20 June, 2016

14.15 Instructional Courses 1
15.15

South Hall A - Third Floor

C1.8 OCT: recent advances
Course Directors: Claude Francis Burgoyne (USA), Balwantray Chauhan (Canada)
Course Speakers: Claude Francis Burgoyne (USA), Francesco Oddone (Italy), Leopold Schmetterer (Austria), Nicholas Strouthidis (United Kingdom)

Chamber Hall - Third Floor

C1.9 Glaucoma management in 2020 - What will we be doing?
Course Director: Jeffrey M. Liebmann (USA)
Course Speakers: C. Gustavo De Moraes (USA), Neeru Gupta (Canada), Ingeborg Stalmans (Belgium), Robert N. Weinreb (USA), Janey L. Wiggs (USA)

Club B - First Floor

C1.10 SIG Meeting - Surgery
SIG Chairs: Julián García-Feijoo (Spain), Franz Grehn (Germany)
SIG Speakers: Keith Barton (United Kingdom), Susana Duch Tuesta (Spain), Franz Grehn (Germany), Stefano Gandolfi (Italy)

Club H - First Floor

C1.11 Screening for glaucoma: a yes or a no?
Course Director: Anne L. Coleman (USA)
Course Speakers: Karim Damji (Canada), Louis R. Pasquale (USA), M. Roy Wilson (USA)

Meeting Hall V - Second Floor

C1.12 Cost/effective glaucoma practice
Course Director: Anja Tuulonen (Finland)
Course Speakers: Gauti Johannesson (Sweden), Aachal Kotecha (United Kingdom), Hans G. Lemij (The Netherlands), Anja Tuulonen (Finland)

Club D - First Floor

C1.13 Critical appraisal of evidence
Course Directors: Augusto Azuara-Blanco (United Kingdom), Richard Wormald (United Kingdom)

South Hall B - Third Floor

C1.14 Glaucoma subspecialty training and exam - part I: EBO exam&certification
Course Directors: David Garway-Heath (United Kingdom), Gordana Sunaric Mégevand (Switzerland)
Course Speakers: Luis Abegao Pinto (Portugal), David Garway-Heath (United Kingdom), Andrew Scott (United Kingdom), Gordana Sunaric Mégevand (Switzerland), Fotis Topouzis (Greece)

15.15 Poster Area - Third Floor
15.45 Poster Session 2 - P2.1 > P2.98
Diagnosis
Chairs: Gábor Holló (Hungary), Thierry Zeyen (Belgium)
Monday 20 June, 2016

15.45  Instructional Courses 2

16.45

Club C - First Floor

C2.1  A dive into clinic: slit-lamp findings
Course Director: Andreas Boehm (Germany)
Course Speakers: Andreas Boehm (Germany), Anselm G.M. Juenemann (Germany), Alexander Friedrich Scheuerle (Germany)

South Hall A - Third Floor

C2.2  OCT: which machines are out there and how do they compare?
Course Director: Michele Iester (Italy)
Course Speakers: Antonio Ferreras (Spain), Christian Mardin (Germany), Stefano Miglior (Italy)

Meeting Hall IV - Second Floor

C2.3  Personalized medicine in glaucoma: risk factors and phenotyping
Course Director: Fotis Topouzis (Greece)
Course Speakers: Anne L. Coleman (USA), Panayiota Founti (United Kingdom), Georg Mossböck (Austria), M. Roy Wilson (USA)

Club A - First Floor

C2.4  Uveitic glaucoma - part II: medical management
Course Directors: Nicholas Jones (United Kingdom), Philippe Gaston Kestelyn (Belgium)
Course Speakers: Alain Bron (France), Nicholas Jones (United Kingdom), Philippe Gaston Kestelyn (Belgium)

Club E - First Floor

C2.5  Improving success of trabeculectomy - part II (antifibrosis)
Course Director: Peng Tee Khaw (United Kingdom)
Course Speakers: Peng Tee Khaw (United Kingdom), Peter Shah (United Kingdom)

Meeting Hall I - First Floor

C2.6  Cataract and glaucoma - part II: phaco in glaucoma
Course Director: Carlo Enrico Traverso (Italy)
Course Speakers: Julián García-Fejoo (Spain), Hari Jayaram (United Kingdom), Carlo Enrico Traverso (Italy)

Chamber Hall - Third Floor

C2.7  Premium intraocular lens in glaucoma patients: yes or no?
Course Director: Philippe Denis (France)
Course Speakers: Florent Aptel (France), Philippe Denis (France), Miguel Teus (Spain)
Monday 20 June, 2016

15.45  Instructional Courses 2

**South Hall C - Third Floor**

**Surgery in kids: what are the options?**

*Course Director:* Franz Grehn (Germany)
*Course Speakers:* Thomas Dietlein (Germany), Franz Grehn (Germany), Norbert Pfeiffer (Germany)

**Club B - First Floor**

**SIG Meeting - Angle-closure**

*SIG Chairs:* Gus Gazzard (United Kingdom), John Thygesen (Denmark)
*SIG Speakers:* Augusto Azuara-Blanco (United Kingdom), Gus Gazzard (United Kingdom), George L. Spaeth (USA), John Thygesen (Denmark)

**Club D - First Floor**

**Retinal venous pressure and glaucoma**

*Course Directors:* Josef Flammer (Switzerland), Katarzyna Konieczka (Switzerland)
*Course Speakers:* Konstantin Gugleta (Switzerland), Katarzyna Konieczka (Switzerland), Karin Roswitha Pillunat (Germany)

**Club H - First Floor**

**Exfoliation: update and presentation of the new XFS/XFG book edition (course organized by the XFS/XFG SIG)**

*Course Directors:* Gábor Holló (Hungary), Anastasios G.P. Konstas (Greece)
*Course Speakers:* Gábor Holló (Hungary), Murat Irkec (Turkey), Andreas Katsanos (Greece), Anastasios G.P. Konstas (Greece)

**Meeting Hall V - Second Floor**

**How to design our clinic to optimize efficacy?**

*Course Director:* Stephen Vernon (United Kingdom)
*Course Speakers:* Jeremy Diamond (United Kingdom), Aachal Kotecha (United Kingdom), Stephen Vernon (United Kingdom)

**South Hall B - Third Floor**

**Glaucoma subspeciality training and exam - part II: fellowships**

*Course Directors:* David Garway-Heath (United Kingdom), Gordana Sunaric Mégevand (Switzerland)
*Karl Mercieca* (United Kingdom)
*Course Speakers:* Alain Bron (France), Efthymios Karmiris (Greece), Hari Jayaram (United Kingdom), Juliane Matlach (Germany), Manuele Michelessi (Italy), Andrew Tatham (United Kingdom)

**North Hall - Second Floor**

**ISGS Course**

*Course Director:* Tarek Shaarawy (Switzerland)
*Course Speakers:* Keith Barton (United Kingdom), Paul Chew (Singapore), Michael Coote (Australia), Tanuj Dada (India), Tarek Shaarawy (Switzerland)
Monday 20 June, 2016

Diagnostics

17.00  Congress Hall - Second Floor
18.05  Teleglaucoma: a view to the future of glaucoma care

Session co-organized with Teleglaucoma Society

Chairs: Gus Gazzard (United Kingdom), Louis R. Pasquale (USA)
Facilitators: Tin Aung (Singapore), Anja Tuulonen (Finland)

17.00  Introduction
17.02  Overview of Telemedicine, TeleOphthalmology and the Teleglaucoma Society
SC1.1  Karim Damji (Canada)
17.07  Optic nerve imaging tools
SC1.2  Albert Khouri (USA)
17.17  Digital visual function tests for glaucoma
SC1.3  Brian June Song (USA)
17.27  Experience of telemedicine in routine glaucoma management
SC1.4  Hans G. Lemij (The Netherlands)
17.37  Teleglaucoma screening for angle closure glaucoma
SC1.5  Gus Gazzard (United Kingdom)
17.47  The future of Teleglaucoma
SC1.6  Louis R. Pasquale (USA)
17.52  Discussion
Monday 20 June, 2016
Diagnostics

18.10 Congress Hall - Second Floor
19.15 Perimetry and imaging: current best practice and new developments
   Session Co-organized with Imaging and Perimetry Society
   Chairs: Paul Artes (United Kingdom), David Garway-Heath (United Kingdom)
   Facilitators: David Crabb (United Kingdom), Francisco Javier Goñi (Spain)

18.10 Introduction

18.12 Visual fields - which outcomes?
SC2.1 Paul Artes (United Kingdom)

18.22 Imaging - which outcomes?
SC2.2 Donald Charles Hood (USA)

18.32 When to acquire data?
SC2.3 Nomdo Jansonius (The Netherlands)

18.42 New developments in visual function testing
SC2.4 Roger Anderson (United Kingdom)

18.52 New developments in imaging
SC2.5 David Garway-Heath (United Kingdom)

19.02 Discussion

20.30 - 23.00
Social Dinner - Žofín Palace
Admission by ticket
Tuesday 21 June, 2016

**Follow-up**

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>8.00</td>
<td>North Hall - Second Floor</td>
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</table>
| 8.30  | Congress Hall - Second Floor | Main Session 3  
*Glaucoma damage progression*

*Chairs: Jeffrey M. Liebmann (USA), Thierry Zeyen (Belgium)*  
*Facilitators: Balwantray Chauhan (Canada), Michele Iester (Italy)*

<table>
<thead>
<tr>
<th>Time</th>
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</table>
| 8.30  | Congress Hall - Second Floor | Introduction  
8.32  Anatomy debate: I prefer fibers  
**MS3.1** Jeffrey M. Liebmann (USA)  
8.40  Anatomy debate: I prefer disc  
**MS3.2** Fabian S. Lerner (Argentina)  
8.48  Visual function debate: I prefer MD  
**MS3.3** Francisco Javier Goñi (Spain)  
8.56  Visual function debate: I prefer VFI  
**MS3.4** Boel Bengtsson (Sweden)  
9.04  Technology debate: I sold my perimeter  
**MS3.5** Julián García-Feijoo (Spain)  
9.12  Technology debate: I sold my imaging device  
**MS3.6** Alain Bron (France)  
9.20  What RNFL rate of progression is significant?  
**MS3.7** Joseph Caprioli (USA)  
9.31  Measuring progression in advanced glaucoma: what is the role of structural methods?  
**MS3.8** Stefano Miglior (Italy)  
9.42  Can imaging substitute ophthalmoscopy and optic disc photos in diagnosis and follow-up?  
**MS3.9** Thierry Zeyen (Belgium)  
9.53  Discussion  

10.15 | Poster Area - Third Floor |                                                                                  |
|-------|---------------------------|-----------------------------------------------------------------------------------|
| 10.45 | Poster Session 3 - P3.1 > P3.70 | Follow-up  
**Chairs: Francisco Javier Goñi (Spain), Anders Heijl (Sweden)** |
Tuesday 21 June, 2016

Follow-up

10.45  Congress Hall - Second Floor
12.20  Main Session 4

Understanding IOP

Chairs: Stefano Gandolfi (Italy), M. Roy Wilson (USA)
Facilitators: Neeru Gupta (Canada), George L. Spaeth (USA)

10.45  Introduction

10.47  Gadgets to measure IOP: are new tonometers toys or tools?
MS4.1  Aachal Kotecha (United Kingdom)

10.57  Debate: Target pressure: what’s the evidence? - Pros
MS4.2  M. Roy Wilson (USA)

11.05  Debate: Target pressure: what’s the evidence? - Cons
MS4.3  Kuldev Singh (USA)

11.13  Debate: Do we need 24-hour measurements? - Pros
MS4.4  Anastasios G.P. Konstas (Greece)

11.21  Debate: Do we need 24-hour measurements? - Cons
MS4.5  Stefano Gandolfi (Italy)

11.29  The mean, the peak or the fluctuation?
MS4.6  Luca Rossetti (Italy)

11.40  IOP and the CSF pressure - Holy Grail or empty chalice?
MS4.7  Hanspeter Killer (Switzerland)

11.51  IOP and the blood pressure - What are we missing
MS4.8  Ki Ho Park (South Korea)

12.02  Discussion

12.30  Educational Partner
14.00  Lunchtime Symposium (see page 82)
Tuesday 21 June, 2016

14.15 Instructional Courses 3
15.15

South Hall A - Third Floor
C3.1 Normal-tension glaucoma - part I: should we treat differently?
Course Director: Ingeborg Stalmans (Belgium)
Course Speakers: Luis Abegao Pinto (Portugal), Gerhard Garhofer (Austria), Selim Orgül (Switzerland)

Club E - First Floor
C3.2 Visual field: the basics (devices, strategies, printouts)
Course Director: Alfonso Anton Lopez (Spain)
Course Speakers: Francisco Javier Goñi (Spain), Alfonso Anton Lopez (Spain)

Club D - First Floor
C3.3 Imaging: is disc photography useful?
Course Director: Rupert Bourne (United Kingdom)
Course Speakers: Rupert Bourne (United Kingdom), Jost B. Jonas (Germany), Esther M. Hoffmann (Germany), Thierry Zeyen (Belgium)

North Hall - Second Floor
C3.4 OCT in glaucoma: a clinical journey - part I
Course Director: Hans G. Lemij (The Netherlands)
Course Speaker: Hans G. Lemij (The Netherlands)

Club C - First Floor
C3.5 Pseudo-exfoliation - Clinical implications
Course Directors: Gábor Holló (Hungary), Anastasios G.P. Konstas (Greece)
Course Speakers: Gábor Holló (Hungary), Murat Irkeç (Turkey) Anastasios G.P. Konstas (Greece), Vassilis Kozobolis (Greece), Miguel Teus (Spain)

Chamber Hall - Third Floor
C3.6 Improving success of non-penetrating surgery - part I: enhancing NPS
Course Director: André Mermoud (Switzerland)
Course Speakers: Gordana Sunaric Mégevand (Switzerland), André Mermoud (Switzerland), Pierre Yves Santiago (France)

Meeting Hall I - First Floor
C3.7 Complications of glaucoma surgery - part I: more on filters
Course Director: Carlo Enrico Traverso (Italy)
Course Speakers: Philippe Denis (France), Carlo Enrico Traverso (Italy)
Tuesday 21 June, 2016

14.15 Instructional Courses 3
15.15

C3.8 Meeting Hall IV - Second Floor
Ocular surface in glaucoma
Course Director: Renato De Natale (France)
Course Speakers: Renato De Natale (France), Paolo Frezzotti (Italy)

C3.9 South Hall B - Third Floor
Positioning MIGs in management algorithm
Course Director: Norbert Pfeiffer (Germany)
Course Speakers: Keith Barton (United Kingdom, Norbert Pfeiffer (Germany), Kuldev Singh (USA)

C3.10 Club A - First Floor
Future technologies in glaucoma
Course Director: Leopold Schmetterer (Austria)
Course Speakers: Dimitrios Bizios (Sweden), Herbert Reitsamer (Austria) Leopold Schmetterer (Austria)

C3.11 Club B - First Floor
SIG Meeting - Genetic epidemiology
SIG Chairs: Fotis Topouzis (Greece), Ananth C. Viswanathan (United Kingdom)
SIG Speakers: Tin Aung (Singapore), Panayiota Founti (United Kingdom), Ananth C. Viswanathan (United Kingdom)

C3.12 Club H - First Floor
Glaucoma in a Europe in crisis (organized by Health Economics SIG)
Course Directors: Augusto Azuara-Blanco (United Kingdom), Anja Tuulonen (Finland)
Course Speakers: Augusto Azuara-Blanco (United Kingdom), Anja Tuulonen (Finland)

C3.13 Meeting Hall V - Second Floor
Electronic medical records heaven
Course Director: James Edwards Morgan (United Kingdom)
Course Speakers: Toby Bisco (United Kingdom), Jeremy Diamond (United Kingdom), James Edwards Morgan (United Kingdom)

C3.14 South Hall C - Third Floor
How to interpret / compare surgical studies
Course Director: Julián García-Feijoo (Spain)
Course Speakers: Anthony King (United Kingdom), Luciano Quaranta (Italy), Luca Rossetti (Italy)

15.15 Poster Area - Third Floor
15.45 Poster Session 4 - P4.1 > P4.69
Treatment 1
Chairs: Julián García-Feijoo (Spain), Norbert Pfeiffer (Germany)
Tuesday 21 June, 2016

15.45  Instructional Courses 4
16.45

**Club A - First Floor**

C4.1 *Plateau iris: a diagnostic and therapeutic challenge*
*COURSE DIRECTOR:* Tin Aung (Singapore)
*COURSE SPEAKERS:* Tan Do (Vietnam), Gus Gazzard (United Kingdom), Tomasz Zarnowski (Poland)

**Club C - First Floor**

C4.2 *A dive into the clinic: indentation gonioscopy (advanced level)*
*COURSE DIRECTOR:* Yves Lachkar (France)
*COURSE SPEAKER:* Elisa Bluwol (France)

**South Hall B - Third Floor**

C4.3 *Differential diagnosis: if not glaucoma, then what is it?*
*COURSE DIRECTOR:* Mark Moster (USA)
*COURSE SPEAKER:* Marlene Moster (USA)

**Club D - First Floor**

C4.4 *A dive into clinic: gonioscopy*
*COURSE DIRECTOR:* Anton Hommer (Austria)
*COURSE SPEAKERS:* Christoph Faschinger (Austria), Anton Hommer (Austria), Prin Rojanapongpun (Thailand)

**North Hall - Second Floor**

C4.5 *OCT in glaucoma: a clinical journey - part II*
*COURSE DIRECTOR:* Hans G. Lemij (The Netherlands)
*COURSE SPEAKER:* Hans G. Lemij (The Netherlands)

**South Hall A - Third Floor**

C4.6 *Normal-tension glaucoma patients - part II: are they different?*
*COURSE DIRECTOR:* Ingeborg Stalmans (Belgium)
*COURSE SPEAKERS:* Joseph Caprioli (USA), Neeru Gupta (Canada), Ki Ho Park (South Korea)

**Club E - First Floor**

C4.7 *Visual field: how to monitor progression?*
*COURSE DIRECTOR:* Anders Heijl (Sweden)
*COURSE SPEAKERS:* Boel Bengtsson (Sweden), Anders Heijl (Sweden)
Tuesday 21 June, 2016

15.45 Instructional Courses 4

C4.8 Improving success of non-penetrating surgery part II: which technique for which patient?
Course Director: André Mermoud (Switzerland)
Course Speakers: André Mermoud (Switzerland), Tarek Shaarawy (Switzerland)

Meeting Hall I - First Floor
C4.9 Complications of glaucoma surgery - part II: more on tubes
Course Director: Carlo Enrico Traverso (Italy)
Course Speaker: Keith Barton (United Kingdom), Carlo Enrico Traverso (Italy)

Meeting Hall IV - Second Floor
C4.10 Complementary therapies for glaucoma (yoga, meditation, lifestyle modification and electric brain stimulation)
Course Director: Tanuj Dada (India)
Course Speakers: Florent Aptel (France), Tanuj Dada (India), Erik Greve (The Netherlands), Bernhard A. Sabel (Germany)

Club B - First Floor
C4.11 SIG Meeting - OBF
SIG Chair: Leopold Schmetterer (Austria)
SIG Speakers: Luis Abegao Pinto (Portugal), Gerhard Garhofer (Austria), Leopold Schmetterer (Austria), Fotis Topouzis (Greece)

Meeting Hall V - Second Floor
C4.12 IOP measurement: caveats and novel techniques
Course Director: Aachal Kotecha (United Kingdom)
Course Speakers: Aachal Kotecha (United Kingdom), Christoph Kniestedt (Switzerland), Ameet Shah (United Kingdom), Anja Tuulonen (Finland)

Club H - First Floor
C4.13 Evidence-based glaucoma management
Course Director: David Garway-Heath (United Kingdom)
Course Speakers: David Garway-Heath (United Kingdom), Manuele Michelessi (Italy), Francesco Oddone (Italy), Richard Wormald (United Kingdom)

South Hall C - Third Floor
C4.14 History of ophthalmology told by stamps
Course Director: Thierry Zeyen (Belgium)
Course Speaker: Thierry Zeyen (Belgium)
Tuesday 21 June, 2016

Follow-up

17.00 Congress Hall - Second Floor

18.30 Main Session 5

**Innovations in management**

*Chairs:* Balwantray Chauhan (Canada), Ingeborg Stalmans (Belgium)

*Facilitators:* Keith Martin (United Kingdom), John Thygesen (Denmark)

17.00 Introduction

17.02 What does “stable glaucoma” really mean: measuring disease activity and treatment response

**MS5.1** Maria Francesca Cordeiro (United Kingdom)

17.13 Integrating structural and functional outcomes to improve detection of glaucoma progression

**MS5.2** Balwantray Chauhan (Canada)

17.24 Innovative care delivery: how to provide most appropriate care at different stages?

**MS5.3** Ingeborg Stalmans (Belgium)

17.35 How to follow up patients after peripheral iridotomy

**MS5.4** Barbara Cvenkel (Slovenia)

17.46 Under- and over-treatment

**MS5.5** Robert Fechtner (USA)

17.57 The significance of meaningful patient-physician communication

**MS5.6** Pradeep Y. Ramulu (USA)

18.08 Discussion
Tuesday 21 June, 2016

18.30 Chamber Hall - Third Floor
19.30 Symposium of Austrian, German and Swiss Groups
Six Challenging Clinical (Glaucoma?) Cases
Chairs: Anton Hommer (Austria), Frances Meier-Gibbons (Switzerland), Lutz E. Pillunat (Germany)

Speakers:
GS2.1 Cornelia Hirn (Switzerland)
GS2.2 Marc Töteberg-Harms (Switzerland)
GS2.3 Christoph Faschinger (Austria)
GS2.4 Karl Rigel (Austria)
GS2.5 Thomas Dietlein (Germany)
GS2.6 Juliane Matlach (Germany)

18.30 South Hall B - Third Floor
19.30 Symposium of the Italian Association for Study of the Glaucoma AISG Meeting
Tips and tricks for glaucoma surgery
President: Stefano Miglior (Italy)
Directors: Michele Iester (Italy), Giorgio Marchini (Italy), Luciano Quaranta (Italy)

Trabeculectomy: conjunctival opening, superficial scleral flap design, sclerectomy-iridectomy, scleral closure, conj closure

Speakers:
GS3.1 Roberto Carassa (Italy)
GS3.2 Paolo Brusini (Italy)
GS3.3 Antonio Maria Fea (Italy)
GS3.4 Stefano Miglior (Italy)

Glaucoma drainage implants: Ahmed-Baeverldt: conjunctival opening, device positioning-suture, ripcord sutures, AC entering, patch, conj closure

Speakers:
GS3.5 Stefano Gandolfi (Italy)
GS3.6 Giorgio Marchini (Italy)
GS3.7 Luciano Quaranta (Italy)

18.30 Industry Parallel Workshops (see page 84)
19.30
Wednesday 22 June, 2016

Treatment

8.30  Congress Hall - Second Floor
9.00  WGA Session
WGA 2016 Consensus Meeting Summary - Diagnosis of primary open-angle glaucoma
Robert N. Weinreb (USA)

9.00  Congress Hall - Second Floor
10.15 Main Session 6
Putting the EGS Guidelines into practice: “the goal of glaucoma treatment”
Chairs: Roger A. Hitchings (United Kingdom), Carroll Webers (The Netherlands)
Facilitators: Augusto Azuara-Blanco (United Kingdom), Ananth C. Viswanathan (United Kingdom)

9.00  Introduction

9.02  Quality of life - Impact of damage on QoL
MS6.1 John Somner (United Kingdom)

9.13  Quality of life - Impact of treatment on QoL
MS6.2 Peter Shah (United Kingdom)

9.24  Sustainable costs
MS6.3 Carroll Webers (The Netherlands)

9.35  Modern glaucoma management from the perspective of the doctor
MS6.4 Anton Hommer (Austria)

9.43  Modern glaucoma management from the perspective of the patient
MS6.5 Carol Bronze (United Kingdom)

9.51  The EAGLE Trial: implications for the management of angle closure
MS6.6 Augusto Azuara-Blanco (United Kingdom)

10.02  Discussion

10.15 Poster Area - Third Floor
10.45 Poster Session 5 - P5.1 > P5.69
Treatment 2
Chairs: Franz Grehn (Germany), Tarek Shaarawy (Switzerland)
Wednesday 22 June, 2016

Treatment

10.45 Congress Hall - Second Floor
12.20 Main Session 7

Hot topics: targets and developments in medical treatment
Chairs: Keith Martin (United Kingdom), Norbert Pfeiffer (Germany)
Facilitators: Christophe Baudouin (France), Maria Francesca Cordeiro (United Kingdom)

10.45 Introduction

10.47 IOP lowering treatment: what is in the pipeline?
MS7.1 Norbert Pfeiffer (Germany)

10.58 Drug delivery: new systems for old drugs
MS7.2 James David Brandt (USA)

11.09 Disease modifying treatments: from neural rescue to gene therapy. Are we there yet?
MS7.3 Neeru Gupta (Canada)

11.20 Neuroprotection and neuro-regeneration - What’s the difference?
MS7.4 Keith Martin (United Kingdom)

11.31 Glaucoma and immunology: is it coming to the clinic?
MS7.5 Franz Grus (Germany)

11.42 Lamina bio-mechanics and axonal changes: where are we now?
MS7.6 Claude Francis Burgoyne (USA)

11.53 Weighting the value of the preservative-free treatment
MS7.7 Philippe Denis (France)

12.04 Discussion
Wednesday 22 June, 2016

14.15 Instructional Courses 5
15.15

**North Hall - Second Floor**

**C5.1** Angle-closure - Specific diagnostic and therapeutic approach
*Course Directors:* Gus Gazzard (United Kingdom), John Thygesen (Denmark)
*Course Speaker:* Rupert Bourne (United Kingdom), Peter Shah (United Kingdom)

**Club A - First Floor**

**C5.2** A dive into clinic: challenging medical cases (diagnosis)
*Course Director:* Alain Bron (France)
*Course Speakers:* Francisco Javier Goñi (Spain), Anton Hommer (Austria), Gordana Sunaric Mégevand (Switzerland)

**Club E - First Floor**

**C5.3** Monitoring progression: how?
*Course Director:* Maria Francesca Cordeiro (United Kingdom)
*Course Speakers:* Sanjay Asrani (USA), Maria Francesca Cordeiro (United Kingdom), David Crabb (United Kingdom)

**Chamber Hall - Third Floor**

**C5.4** Improving success of tubes - part I: tips for getting started
*Course Director:* Susana Duch Tuesta (Spain)
*Course Speakers:* Jose Maria Martínez-de-la-Casa (Spain), Elena Milla (Spain)

**Meeting Hall I - First Floor**

**C5.5** Surgical complications part III: non-penetrating
*Course Director:* Kuldev Singh (USA)
*Course Speaker:* Tarek Shaarawy (Switzerland)

**Club D - First Floor**

**C5.6** Preservative-free glaucoma - The science behind the noise
*Course Director:* Christophe Baudouin (France)
*Course Speakers:* Christophe Baudouin (France), Antoine Labbe (France), Ingeborg Stalmans (Belgium)

**Club H - First Floor**

**C5.7** Angle-closure: iridotomy or phaco?
*Course Director:* Clement Chee Yung Tham (Hong Kong)
*Course Speakers:* Augusto Azuara-Blanco (United Kingdom), Prin Rojanapongpun (Thailand), Sandra Fernando Sieminski (USA)
Wednesday 22 June, 2016

14.15 Instructional Courses 5

15.15

South Hall A - Third Floor

C5.8 Secondary glaucomas: surgical approach
Course Director: Paolo Brusini (Italy)
Course Speakers: Paolo Brusini (Italy), Stefano Gandolfi (Italy), Giorgio Marchini (Italy), Carlo Enrico Traverso (Italy)

Meeting Hall V - Second Floor

C5.9 Innovation in drug delivery
Course Director: Tina Wong (Singapore)
Course Speakers: James David Brandt (USA), Steven Mansberger (USA), Tina Wong (Singapore)

Meeting Hall IV - Second Floor

C5.10 Ocular blood flow: what is new?
Course Director: Ingrida Januleviciene (Lithuania)
Course Speakers: Luis Abegao Pinto (Portugal), Alon Harris (USA), Luciano Quaranta (Italy)

South Hall C - Third Floor

C5.11 Omics research - The fourth paradigm
Course Director: Jan Schouten (The Netherlands)
Course Speakers: Theo Gorgels (The Netherlands), Hannu Uusitalo (Finland), Jan Schouten (The Netherlands), Carroll Webers (The Netherlands)

Club B - First Floor

C5.12 Normal, glaucoma or masquerade: tips on when to refer and when to discharge
Course Director: John Salmon (United Kingdom)
Course Speaker: John Salmon (United Kingdom)

Club C - First Floor

C5.13 OCT: image quality and frequency of testing
Course Director: Andrew Tatham (United Kingdom)
Course Speakers: Stewart Gillan (United Kingdom), Kaweh Mansouri (Switzerland), Andrew Tatham (USA)

South Hall B - Third Floor

C5.14 Unraveling the EGS Guidelines
Course Director: John Thygesen (Denmark)
Course Speaker: John Thygesen (Denmark)

15.15 Poster Area - Second Floor / Third Floor

15.45 Poster Session 6 - P6.1 > P6.70
Treatment 3
Chairs: Luca Rossetti (Italy), John Thygesen (Denmark)
Wednesday 22 June, 2016

15.45 Instructional Courses 6
16.45

C6.1 South Hall B - Third Floor

The big eyed baby: a diagnostic approach
Course Director: Asimina Mataftsi (Greece)
Course Speakers: Franz Grehn (Germany), Asimina Mataftsi (Greece), William Moore (United Kingdom)

C6.2 Club A - First Floor

A dive into clinic: challenging cases (medical treatment)
Course Director: Carroll Webers (The Netherlands)
Course Speakers: Henny Beckers (The Netherlands), Gábor Holló (Hungary), Hellen C.S. Romkens (The Netherlands), Carroll Webers (The Netherlands)

C6.3 Club E - First Floor

Glucoma suspects: what to do?
Course Director: Anthony King (United Kingdom)
Course Speakers: Rupert Bourne (United Kingdom), Anthony King (United Kingdom), Joanna Liput (United Kingdom), Alan Rotchford (United Kingdom)

C6.4 Club D - First Floor

Cyclodestruction - Safe surgery or last resort?
Course Director: Roberto Carassa (Italy)
Course Speakers: Luca Rossetti (Italy), Stephen Vernon (United Kingdom)

C6.5 Chamber Hall - Third Floor

Improving success of tubes - part II: tips for tricky cases
Course Director: Susana Duch Tuesta (Spain)
Course Speakers: Keith Barton (United Kingdom), Kin Sheng Lim (United Kingdom), Jose Maria Martinez-de-la-Casa (Spain)

C6.6 Meeting Hall I - First Floor

A dive into clinic: challenging surgical cases
Course Director: Leon Au (United Kingdom)
Course Speakers: Leon Au (United Kingdom), Cecilia Fenerty (United Kingdom), Velota Sung (United Kingdom)

C6.7 South Hall A - Third Floor

Refractive surgery and glaucoma
Course Directors: Vassilis Kozobolis (Greece), Miguel Teus (Spain)
Course Speakers: Murat Irkec (Turkey), Vassilis Kozobolis (Greece), Miguel Teus (Spain)
Wednesday 22 June, 2016

15.45 Instructional Courses 6
16.45

Club H - First Floor

C6.8 Laser trabeculoplasty: myths and facts
Course Director: Barbara Cvenkel (Slovenia)
Course Speakers: Barbara Cvenkel (Slovenia), Frances Meier-Gibbons (Switzerland), John Thygesen (Denmark)

North Hall - Second Floor

C6.9 MIGs and MICs: is the smaller the better?
Course Director: Stefano Gandolfi (Italy)
Course Speakers: Gian Maria Cavallini (Italy), Julián García-Feijoo (Spain), Stefano Gandolfi (Italy)

Meeting Hall IV - Second Floor

C6.10 Strategies for measuring neuroprotection (organized by SIG Neuroprotection)
Course Director: Maria Francesca Cordeiro (United Kingdom)
Course Speakers: Sanjay Asrani (USA), Maria Francesca Cordeiro (United Kingdom), Leonard Levin (USA)

South Hall C - Third Floor

C6.11 Using math modeling for the understanding of risk factors in glaucoma
Course Director: Alon Harris (USA)
Course Speakers: Giovanna Guidoboni (USA), Alon Harris (USA), Ingrida Januleviciene (Lithuania)

Club B - First Floor

C6.12 Glaucoma through the eyes of the patient
Course Director: David Crabb (United Kingdom)
Course Speaker: David Crabb (United Kingdom)

Club C - First Floor

C6.13 Experience in shared care and telemedicine
Course Director: Keith Martin (United Kingdom)
Course Speakers: Jeremy Diamond (United Kingdom), Kaweh Mansouri (Switzerland), Humma Shahid (United Kingdom)

Meeting Hall V - Second Floor

C6.14 Looking beyond European borders
Course Director: Jost B. Jonas (Germany)
Course Speakers: Alain Bron (France), Annabel Chew (Singapore), Jost B. Jonas (Germany), Vinay Nangia (India)
Wednesday 22 June, 2016

Treatment

17.00  Meeting Hall I - First Floor
18.45  Main Session 8

**Glaucoma surgery: current status and developments**
*Chairs: Franz Grehn (Germany), Carlo Enrico Traverso (Italy)*
*Facilitators: John Salmon (United Kingdom), Gordana Sunaric Mégevand (Switzerland)*

17.00  Introduction

17.02  Current concepts of outflow resistance mechanisms
MS8.1  Ernst Tamm (Germany)

17.13  How to measure success and failure of surgery
MS8.2  Hannu Uusitalo (Finland)

17.24  Placing selective laser trabeculoplasty in the treatment algorithm
MS8.3  Ivan Goldberg (Australia)

17.35  Trabeculectomy versus all the rest: making the choice
MS8.4  Franz Grehn (Germany)

17.46  Debate: tubes as initial surgery - Pros
MS8.5  Keith Barton (United Kingdom)

17.54  Debate: tubes as initial surgery - Cons
MS8.6  Tanuj Dada (India)

18.02  Strategies in the surgical management of primary angle closure glaucoma
MS8.7  Clement Chee Yung Tham (Hong Kong)

18.13  Initial treatment: medication, laser or surgery
MS8.8  Carlo Enrico Traverso (Italy)

18.24  Discussion

18.45-19.30  Farewell Reception
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October 14 – 15
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October 15 – 18
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Douglas D. Koch, MD

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Francesca Casadio, PhD

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Posters
Poster Session 1
**Epidemiology, Health Economics, Pathogenesis**

**Chairs:** Augusto Azuara-Blanco (United Kingdom), Keith Martin (United Kingdom)

- **P1.1** When is a patient blind from glaucoma?
  P. Mokhles, J. Schouten, H. Beckers, C. Webers (The Netherlands)

- **P1.2** Comparison of visual acuity and corneal higher-order aberrations after Ex-Press or trabeculectomy, and the determination of associated factors that influence visual function
  K. Hirooka, N. Kobayashi, E. Nitta, K. Ukegawa, A. Tsujikawa (Japan)

- **P1.3** Changes in intraocular pressure and associated systemic factors over 7 years in Koreans - A longitudinal study
  B.J. Cho, B. Ji (South Korea)

- **P1.4** Applanation tonometry, gonioscopy and visual fields - are our patients doing them?
  D. Cordeiro Sousa, I. Leal, P. Sens, L. Almeida, C. Marques-Nevés, M. Monteiro-Grillo, L. Abegao Pinto (Portugal)

- **P1.5** Vision related quality of life in Korean glaucoma patients
  K.R. Sung (South Korea)

- **P1.6** Blindness due to glaucoma at the tertiary ophthalmic centers in Ankara
  T. Mumcuoglu, A. Yarangümeli, A. Karakurt, A. Bayer, O.E. Kemer, U. Elgin (Turkey)

- **P1.7** Association between glaucoma and cardiovascular disease risk in Korean population based study
  S. Cha, M. Kim, B. Gu, S.-H. Lim (South Korea)

- **P1.8** Twelve years incidence of open-angle glaucoma in the Thessaloniki Eye Study
  P. Founti, A.L. Coleman*, M.R. Wilson*, A. Harris*, F. Yu*, T. Pappas, E. Anastasopoulos, A. Salonikiou, V. Kilintzis, F. Topouzis (Greece, *USA)

- **P1.9** Evaluation of factors related to treatment compliance in glaucoma
  S. Kocabeyoglu, D. Gulmez Sevim, M.C. Mocan, M. Irkeç (Turkey)

- **P1.10** The effect of scuba dive mask on intraocular pressure
  C.J. Goenadi, D. Law Zhiwei, L. Jia Wen, C. Wai Kitt, O. Ee Lin, J. Cheng (Singapore)

- **P1.11** Demographic differences in glaucoma suspects in Turkey
  O. Evren Kemer, O. Tekeli, Z. Aktas, O. Eksioglu, A. Karakurt, T. Mumcuoglu (Turkey)

- **P1.12** Prevalence of primary glaucoma in emirati population: early results of hospital-based glaucoma screening program
  H.J. Choi (United Arab Emirates)

- **P1.13** Glaucma profile at the tertiary ophthalmic centers in Ankara

- **P1.14** A preventive effect of anti-hypertensive medication on glaucoma: evidence from a nationwide study
  A. Horwitz, C. Torp-Pedersen, J. Jeppesen, J. Tsai, M. Kolko (Denmark)

- **P1.15** Postoperative follow-up regimes after glaucoma surgery in the United Kingdom
  I. Rodriguez-Umaña, A.J. King (United Kingdom)

- **P1.16** Exploring the frequency and location of prescribing errors in the use of topical glaucoma medications
  B. Lakhani, A. King (United Kingdom)

- **P1.17** Integrated visual field and relative risk for quality of life loss
  O. Pujol, A. Anton, C. Mora, L. Pastor, S. Gudiña, R. Mauil, Z. Vega (Spain)

- **P1.18** Quality of life in glaucoma patients and normal subjects related to the severity of damage in each eye
  E. Ayala, O. Pujol, A. Anton, L. Pastor, C. Mora, R. Mauil, S. Gudiña, Z. Vega (Spain)

- **P1.19** Comparison of gait patterns between glaucoma patients and healthy controls
  N. Amini, S. Henry, M. Mirzaei, J. Caprioli, K. Nouri-Mahdavi (USA)

- **P1.20** Spanish survey on single-dose versus multiple-dose Cosopt®: patient tolerability and preference
  S. Duch Tuesta, O. Stirbu, S. Piludu, E. Millá Gríñó, S. Djavanmardi, C. Arciniegas Perasso (Spain)
P1.21 Thinning of the peripapillary retinal nerve fiber layer in individuals with prediabetes

P1.22 Albuminuria is associated with open angle glaucoma in nondiabetic Korean subjects: a cross sectional study

P1.23 The association between renal function and primary open-angle glaucoma: The Korea National Health and Nutrition Examination Survey 2010-2011
S.H. Shim, S.K. Jung, J.M. Kim (South Korea)

P1.24 Relationship between anthropometric parameters and open angle glaucoma: The Korea National Health and Nutrition Examination Survey
J. Lee, J.M. Kim, J.W. Koh (South Korea)

P1.25 Relationship between various anthropometric measurement and intraocular pressure: The Korea National Health and Nutrition Examination Survey
H. Kim, J. Lee, J.M. Kim, J.W. Koh (South Korea)

P1.26 The association between sex hormone and IOP in healthy population: results from the Korea National Health and Nutrition Examination Survey 2010-2011
J.W. Koh, J.Y. Lee, J.M. Kim (South Korea)

P1.27 Tear osmolarity and OSDI in glaucomatous patients under chronic IOP lowering topical medication
J. Paz Moreno-Arrones, C. Gutierrez Ortiz, G. Bolivar De Miguel, A. Gonzalez Mesa, M.A. Teus (Spain)

P1.28 Comparison of general characteristics among primary open-angle glaucoma patients and normal healthy control subjects

P1.29 Effects of repeated intense periocular acupuncture for the treatment of a POAG patient including ocular blood flow

P1.30 Illness perception and beliefs in people newly diagnosed with glaucoma and ocular hypertension
C. Ajtony, T. Boodhna, L. McDonald, P. Turnbull, R. Bourne, D. Crabb (United Kingdom)

P1.31 Cognitive functions and normal tension glaucoma

P1.32 Glaucoma is an independent risk factor for the anesthesiologist’s intervention during cataract surgery
L. Varano, N. Ungaro, S. Gandolfi (Italy)

P1.33 The association of thyroid disease and glaucoma
J.G. Heo, C.K. Lee, M.I. Yeom, C.G. Park, S.S. Rho (South Korea)

P1.34 The relationship between reading performance and Octopus visual field cluster defect values in patients with glaucoma
M. Atanasovska Velkovska, B. Cvenkel (Slovenia)

P1.35 Relationship between chronic kidney disease and glaucomatous optic disc neuropathy
J. Djordjevic-Jocic, P. Jovanovic, M. Radenkovic, M. Trenkic-Bozinovic, S. Cekic, M. Vujanovic (Serbia)

P1.36 Primary angle closure glaucoma in Chittagong, Bangladesh - Modes of presentation and management patterns at a tertiary eye care centre
A. Karim (Bangladesh)

P1.37 Incidence and clinical characteristics of childhood glaucoma in Serbia: a population-based study
M. Bozic, V. Markovic, I. Marjanovic, V. Maric (Serbia)

P1.38 The epidemiological study of the patients with juvenile glaucoma
M. Janicijevic Petrovic, K. Janicijevic, T. Sarenac Vulovic (Serbia)

P1.39 The characteristics of pseudoexfoliation glaucoma in capital of Turkey
A. Akman, S. Gür Güngör, A. Bayer, O. Tekeli, A. Yarengumeli, Z. Aktas (Turkey)

P1.40 To study the prevalence of steroid induced cataract and glaucoma in patients of COPD attending tertiary care centre
S.S. Roy, R. Agrawal (India)
P1.41 Characteristics of uveitic glaucoma in Turkish patients
O. Tekeli, A. Bayer, U. Elgin, O.E. Kemer, T. Takmaz, A. Karakurt, Z. Bas (Turkey)

P1.42 Change in ganglion cell complex thickness after intravitreal anti-vascular endothelial growth factor use in neovascular macular degeneration, diabetic macular edema
R. Yoo, B.J. Cho (South Korea)

P1.43 The effect of corneal biomechanical factors on ocular pulse amplitude in normal subjects
M. Lee, Y. Lee, J. Shin (South Korea)

P1.44 Lymphatics in the ciliary body of the human eye
V.V. Chernykh, N.P. Bgatova, A.N. Trunov, V.I. Konenkov (Russia)

P1.45 Significance of trans-lamina cribrosa pressure gradient in normal tension glaucoma patient
K. Choi, Y.J. Cheong (South Korea)

P1.46 Association of antioxidant defense gene polymorphisms with pseudoexfoliative glaucoma in Central Russia
A. Brezhnev, V. Baranov, E. Tolmacheva, E. Angaleva (Russia)

P1.47 In vivo evaluation of anterior lamina cribrosa displacement after acute cerebrospinal fluid pressure reduction in healthy humans
M. Poli, A. Bron, E. Sellem, C. Burillon, P. Denis (France)

P1.48 Evaluation of serum antibodies in primary open angle glaucoma and exfoliative glaucoma
M. Irkec, M. Akkaya, S. Kocabeyoglu, M.C. Mocan (Turkey)

P1.49 Association of lysyl oxidase-like-1 gene polymorphism in Turkish patients with pseudoexfoliation syndrome and pseudoexfoliation glaucoma
O. Gurbuz Koz, M. Asfuroglu, B. Çavdarli, A. Yarangumeli, Y. Ozdemir (Turkey)

P1.50 Mitochondrial inhibition compromises glutamate uptake in Müller cells
R. Vohra, I.S. Gurubaran, D.M. Skytt, L. Bergersen*, L.J. Rasmussen, C. Dressler, M. Kolko (Denmark, *Norway)

P1.51 Changes in choroidal thickness following trabeculectomy and its correlation with the decline in intraocular pressure
D. Silva, C. Pedrosa, A.S. Lopes, M. Lisboa, F. Trancoso Vaz (Portugal)

P1.52 Expression of bone morphogenetic protein (BMP) signaling molecules by BMP 4 protein in human optic nerve head astrocyte and lamina cribrosa cells
J.A. Shin (South Korea)

P1.53 Differences in the extracellular matrix of the lamina cribrosa and peripapillary sclera as candidate susceptibility factor for glaucoma
M.D. Ahn, H.L. Park (South Korea)

P1.54 Normal-tension glaucoma induced changes in the macular retina
D. Steinnair, J. Brazerol, M. Iliev, M. Abegg, R. Höhn (Switzerland)

P1.55 Comparative proteomic analysis of the aqueous humor from patients with pseudoexfoliation syndrome
M. Toprak, N. Yuksel, N. Guzel, G. Akpinar, M. Kasap, D. Pirhan (Turkey)

P1.56 Intravitreal injections: impact of needle size in intraocular pressure and pain
M. Loureiro, R. Matos, P. Sepulveda, J. Sequeira, D. Meira (Portugal)

P1.57 Do endothelin-1 has an impact on changes in the visual field of glaucoma patients?
S. Ljaljevic (Bosnia and Herzegovina)

P1.58 Intracranial pressure and intraocular pressure balance over lamina cribrosa is posture dependent - implications for visual impairment
G. Jóhannesson, A. Eklund, E. Johansson, P. Holmlund, S. Qvarlander, A. Wåhlin, L.-O. Koskinen, J. Malm (Sweden)

P1.59 Effects of interleukin-6 signaling activity on fibrogenic activity of human trabecular meshwork cells
T. Inoue, M. Inoue-Mochita, T. Fujimoto, H. Tanihara (Japan)

P1.60 Expression of TGF beta isoforms in the parts of iris and trabecular meshwork parts in patients with glaucoma
W. Marusczycyk, M. Kimsa, M. Machalska, M. Dorecka, U. Mazurek, E. Mrukwa-Kominek (Poland)

P1.61 Connective tissue growth factor and tissue inhibitor of matrix metalloproteinase-2 in patients with exfoliative glaucoma
A. Ghanem, L. Arafa, A. El-Baz (Egypt)
P1.62 Association between SATB1 genetic variant and phenotypic features of primary open-angle glaucoma
F. Mabuchi, Y. Sakurada, S. Yoneyama, K. Kashiwagi, Z. Yamagata, H. Iijima (Japan)

P1.63 Correlating corneal biomechanical properties with lamina cribosa in healthy subjects
F. Pérez Bartolomé, J.M. Martínez-de-la-Casa, I. Camacho Bosca, F. Sáenz- Francés, J. García-Feijoo (Spain)

P1.64 Clinical phenotype association analysis for the risk allele of CDKN2B-AS1 variant in primary open-angle glaucoma patients and normal control subjects

P1.65 Changes in corneal and optic nerve head biomechanical properties following deep sclerectomy
L. Díez-Álvarez, G. Rebolleda, F.J. Muñoz-Negrete, N. Oblanca, V. de Juan, P. Casas-Llera (Spain)

P1.66 Whole mitochondrial genome sequencing in Polish patients with normal tension glaucoma
E. Kosior-Jarecka, A. Piotrowska, K. Tonska, T. Zarnowski (Poland)

P1.67 Histological alterations of the trabecular meshwork and of the retina in glaucoma
S. Craitoiu, R. Manescu, G. Vitan Cojocaru (Romania)

P1.68 Steady-state PERG after water drinking test in open angle glaucoma and normal subjects
G. Calzetti, N. Ungaro, L. Varan, G. Gennari, C. Macaluso, S. Gandolfi (Italy)

P1.69 A comparative study of age-related level of sclera collagen crosslinking in patients with different stages of primary open angle glaucoma
L. Arutyunyan, E. Iomdin, N. Ignatieva, S. Anisimov (Russia)

P1.70 TGF-β2 and CTGF increases TFPI-2 expression in the trabecular meshwork in vitro and in vivo

P1.71 Corneal hysteresis and lamina cribrosa thickness correlation in primary open-angle glaucoma and pseudoexfoliation glaucoma
C. Pedrosa, M. Mota, D. Silva, M. Lisboa, L. Almeida, F. Trancoso Vaz (Portugal)

P1.72 Levels of soluble Fas and Fas-ligand in the aqueous humor of the patients with high-tension glaucoma

P1.73 Association of advanced glycation end products with open angle glaucoma: the ALIENOR study

P1.74 Maximum cup depth, central corneal thickness, disc area, age and mean defect in open angle glaucoma and ocular hypertension
V.T. Díaz Alemán, M. González Hernández, A. Blasco Alberto, D. Ángel Pereira (Spain)

P1.75 Near infra-red light increases retinal ATP and attenuates retinal ganglion cell injury: relevance in relation to glaucoma
N. Osborne (United Kingdom)

P1.77 Frequency of appositional angle closure caused by in-the-bag capsular tension ring and intraocular lens dislocation in two patients with pseudoexfoliation syndrome
F. Bochmann, L. Müller, A. Kipfer (Switzerland)
Poster Session 2

Diagnosis

Chairs: Gábor Holló (Hungary), Thierry Zeyen (Belgium)

P2.1 Comparison of intraocular pressure values measured with non-contact tonometer and pneumotonometer in normal individuals with different central corneal thicknesses
G. Kaya (Turkey)

P2.2 Measuring intraocular pressure in keratoconic eyes
P. Arribas Pardo, C.D. Mendez Hernandez, F. Saenz Francés San Baldomero, J. García-Feijoo (Spain)

P2.3 Peripapillary nerve fiber elevation and its association with axial length and conus in junior high school students
T. Yamashita, N. Yoshihara, T. Sakamoto (Japan)

P2.4 Effect of Bergmeister papilla on disc parameters in spectral domain optical coherence tomography
Y.S. Chun, J.H. Jeong, I.K. Park (South Korea)

P2.5 Glaucoma patient awareness: what can a screening event reveal
E. Kanonidou, P. Kalouda, N. Lakidis, G. Sakkias (Greece)

P2.6 Evaluation of corneal thickness, intraocular pressure, retinal thickness and retinal nerve fibre layer thickness in patients with acromegaly
I. Chatziralli, E. Kanonidou, P. Kalouda, T. Georgiou, F. Adamidou, D. Balatsoukas (Greece)

P2.7 Retinal nerve fiber layer and ganglion cell complex thickness of normal hemifield area in normal tension glaucoma according to the severity of visual field defect
E.H. Hong, M. Seong, K.B. Uhm (South Korea)

P2.8 Diagnostic ability of cirrus high-definition spectral-domain optical coherence tomography deviation map for localized and diffuse retinal nerve fiber layer defects
K.B. Uhm, J.W. Shin, M. Seong (Seoul Korea)

P2.9 Optical coherence tomography-derived neuroretinal rim parameter increases specificity in myopic subjects
M. Sastre Ibáñez, J.M. Martinez-de-la-Casa, G. Rebolloda, P. Cifuentes-Canorea, M. Nieves-Moreno (Spain)

P2.10 Comparison of the ganglion cell complex and retinal nerve fiber layer thickness in pseudoexfoliation syndrome, pseudoexfoliation glaucoma and healthy subjects
M.S. Saricaoglu, A. Karakurt, M. Hamurcu, S. Ekiçier (Turkey)

P2.11 Comparison of the macula inner retina and optic nerve head parameters in early normal-tension and primary open-angle high-tension glaucoma
M. Karliychuk, S. Pinchuk, O. Baryska (Ukraine)

P2.12 The new Bruch’s membrane opening - Minimum rim width classification improves optical coherence tomography specificity in tilted discs
G. Rebolloda, A. Casado, N. Oblanca Llamazares, F.J. Muñoz-Negrete (Spain)

P2.13 Correlation between anterior and posterior segment parameters determined by optical coherence tomography in normal eyes
J. Lee (South Korea)

P2.14 Does globe movement in the orbital cavity affect the measurement results of the Ocular Response Analyzer - An experimental approach
V. Balau, R. Grossjohann, C. Jürgens, F. Tost, A. Dietzel, V. Unger, K. Saleh, J. Haueinsen (Germany)

P2.15 Foveal avascular zone measurements by high resolution mode-locked laser optical coherence tomography in healthy eyes

P2.16 Signal alteration in the optic nerve head on 3D T2 magnetic resonance imaging: a potential new radiologic imaging sign of glaucomatous optic neuropathy
J.Y. Lee, H.J. Kwon, S.J. Park, Y.Y. Kim, E.Y. Kim (South Korea)
P2.17 Circumpapillary retinal nerve fiber layer and macular ganglion cell layer thicknesses in eyes with situs inversus of optic discs
J.M. Wi, Y.H. Hwang, M.K. Kim, J.J. Jung, Y.H. Sohn (South Korea)

P2.18 Anterior chamber angle imaging with automatic gonio-photography
C.A. Cutolo, A. Bagnis, R. Scotto, C. Tanassi, S. Pajaro, M. Pascolini, C.E. Traverso (Italy)

P2.19 Continuous intraocular pressure monitoring after implantation of a novel telemetric intraocular pressure sensor (ARGOS 01) in patients with glaucoma
N. Plange, P. Walter, A. Koutsonas (Germany)

P2.20 Comparative study of the measurement of IOP in a healthy population by GAT, ORA and CORVIS
M.J. Martinez, J. Gros Otero, G. Bolivar de Miguel, T. Bitar Diaz, M.A. Teus Guezala (Spain)

P2.21 Agreement between intraocular pressure measurements determined withicare pro rebound, ocular response analyzer and Goldmann applanation tonometry
R. Sanchez Jean, C. Mendez Hernandez, F. Sáenz Francés, J. García-Feijoo (Spain)

P2.22 Changes in the structure of lamina pores within the lamina cribrosa using wide bandwidth, femtosecond mode-locked laser optical coherence tomography; effect of glaucoma
T. Shoji, H. Kuroda, M. Suzuki, H. Ibuki, M. Araie, I. Kimura, S. Yoneya (Japan)

P2.23 Developing a normative database for inner macula layers using spectral domain OCT
M. Nieves-Moreno, P. Cifuentes-Canorea, M. Sastre-Ibáñez, J. García-Feijoo, J.M. Martínez-de-la-Casa (Spain)

P2.24 Inner retinal change in glaucoma
E.K. Kim, H.L. Park, C.K. Park (South Korea)

P2.25 Effects of Nd:YAG laser iridotomy on anterior segment parameters of pigment dispersion syndrome and pigmentary glaucoma
B. Basarir, I. Pasaoglu, C. Altan, B. Satana, B. Celik, A. Inal, M. Taskapili (Turkey)

P2.26 FAST questionnaire: a new tool for a fast assessment of ocular surface trouble
C. Baudouin (France)

P2.27 Is the contact sensor lens triggerfish influenced by light?
C. Faschinger, M. Mächler, G. Mossböck (Austria)

P2.28 The ISNT rule satisfaction in Korean non-glaucomatous subjects
D.G. Choi (South Korea)

P2.29 Glaucoma detection using OCT angiography of the optic nerve head: a case control study
M. Michelessi, M. Ferrazza, F. Berardo, L. Tanga, G. Roberti, G. Manni, F. Oddone (Italy)

P2.30 Intraocular pressure measuring results with three different tonometer in eyes with keratoconus
M. Batur, E. Seven, A. Çinal, C. Caglar, T. Yasar (Turkey)

P2.31 Effects of hemodialysis on intraocular pressure in a university hospital located in midwestern Brazil
R.E. Silva, A.R. Almeida, T. Oliveira, A.C. Paula, F.W. Rodrigues (Brazil)

P2.32 Normal tension glaucoma associated with optic disc pit maculopathy in a myope
L. Magarasevic, S. Sukalo, Z. Abazi (Serbia)

P2.33 Clinical comparison of Corvis ST tonometer with noncontact, iCare and applanation tonometers in eyes with different ranges of central corneal thickness
S. Nirmal Kumar (India)

P2.34 Uveal effusion syndrome: a case study
K. Zagajewska, I. Grabska-Liberek, K. Skonieczna, J. Kosmala (Poland)

P2.35 A randomised cross over blinded study in healthy volunteers to assess the effect of acetazolamide on intraocular pressure after Trendelenburg positioning
P. Vitish-Sharma, A. Abbas, A. King, A.G. Acheson (United Kingdom)

P2.36 Peripapillary choroidal thickness in pseudoexfoliation glaucoma: a study with enhanced depth imaging optical coherence tomography
I. Gama, I. Gonçalves, L. Almeida, M. Monteiro-Grillo (Portugal)

P2.37 Reproducibility of measurement of Bruch’s membrane opening (BMO) in SD-OCT
C.K. Brinkmann (Germany)
P2.38  A comparison of various tonometry methods  
I. Pasenova, N. Strenev (Russia)

P2.39  Effect of epiretinal membrane on retinal nerve fiber layer thickness in eyes with glaucoma  
J.J. Jung, J.M. Wi, Y.H. Sohn (South Korea)

P2.40  The thickness of the macular ganglion cell - Inner plexiform layer and retinal nerve fibre layer thickness in eyes suspected with glaucoma compared to normal eyes - A cross sectional study  
T. Alasbali (Saudi Arabia)

P2.41  Impact of Scottish intercollegiate guideline network (SIGN) guidelines on glaucoma referrals in Ninewells Hospital Ophthalmology department, Tayside  
D. Roberts, K. Ah-See, S. Gillan (United Kingdom)

P2.42  Evaluation of Corvis tonometer in healthy subjects and patients with ocular hypertension and glaucoma  
I. Halkiadakis, M. Miligkos, I. Hatzigaggelidis, K. Kaprinis, E. Patsea, S. Skouriots (Greece)

P2.43  Uncontrolled glaucoma, episcleral venous stasis and high hypermetropia: diagnosis and treatment strategies  
S. Crisóstomo, J. Cardigos, L. Costa, B. Carvalho, V. Lemos, R. Flores, L.A. Pinto (Portugal)

P2.44  Threshold fluctuation comparison between oculus smartfield spark strategy and humphrey sita fast  
R. Abreu-Gonzalez, P. Rodriguez-Esteve, C. Pena-Bethencourt, M. Gonzalez-Hernández, M. Gonzalez de la Rosa (Spain)

P2.45  Mismatch (MM). A new disharmony index for diagnosis in the glaucomatous visual field  
M. Gonzalez de la Rosa, R. Abreu-Gonzalez, P. Rodriguez-Esteve, C. Pena-Betancor, M. Gonzalez-Hernández (Spain)

P2.46  Non referral to ophthalmologists as a cause of late diagnosis of glaucoma in older adults  
R. Nesper, L. Okrent, O. Segal (Israel)

P2.47  Anterior chamber angle assessment with the Scheimpflug principle and with optical coherence tomography. Comparative data  
A.J. Kanellopoulos, C. Karabatsas (Greece)

P2.48  Outcomes of glaucoma referrals across Europe: accuracy of referring criteria  

P2.49  Comparison of travoprost/timolol maleate and latanoprost/timolol maleate fixed combination in patients with primary open angle glaucoma  
G. Ay, G. Kaya (Turkey)

P2.50  Peculiarity of morphology and functional data of retina in the patients with primary low tension glaucoma in the condition of work-related psycho-emotional stress  
N. Veselovskaya, Z. Veselovskaya (Ukraine)

P2.51  Spectral-domain optical coherence tomography in glaucoma: its additive role in structural diagnosis  

P2.52  Inter-ocular asymmetry of OCT- angiography data in patients with monocular primary open-angle glaucoma and healthy subjects  
N. Strenev, P. Kostareva (Russia)

P2.53  Cluster classification of HFA 10-2 test points and the relationship between structure and function in glaucoma  
T. Fukuchi, S. Ochiai, Y. Saka, T. Togano, R. Igarashi, A. Suetake (Japan)

P2.54  Comparison of Goldmann and ORA tonometers in newly diagnosed, untreated, POAG and OHT eyes  
G. Bolivar, C. Sanchez-Barahona, C. Gutiérrez-Ortiz, B. Castaño, M. Teus (Spain)

P2.55  Predictive factors of the amount of visual field damage in newly diagnosed, untreated, open angle glaucoma eyes  
C. Sanchez-Barahona, G. Bolivar, J. Paz-Moreno-Arrones, M.J. Martinez, M. Teus (Spain)

P2.56  Blood flow parameters in eyes with early glaucomatous visual field defects using transpalpebral rheoophthalmography  
A. Kleyma, O. Kiseleva, A. Besmertny, E. Iomdina, P. Luzhnov, D. Shamaev (Russia)

P2.57  Optical coherence tomography based scattering properties of retinal vessel morphology in glaucoma patients  
R. Kromer, A. Bartels, M. Klemm (Germany)
P2.58 Evaluation of visual field test parameters after artificial tear administration in patients with glaucoma and dry eye
P. Özyol, E. Özyol, A. Karalezli (Turkey)

P2.59 Comparison of anterior segment measurements with lenstar and pentacam in patients using prostoglandine analogues
E. Sen, M. Inanc, U. Elgin (Turkey)

P2.60 Correlation between retinal nerve fiber layer thickness and central corneal thickness in patients with primary open-angle glaucoma
N. Civcic Kalinic, N. Civcic, V. Civcic (Serbia)

P2.61 The relationship between retinal layer thickness and visual function in different stages of primary open angle glaucoma
H. Tanaka, W. Yamada, T. Nishida, K. Mochizuki, K. Ishida, A. Sawada, T. Yamamoto (Japan)

P2.62 Comparison of the diagnostic abilities of cirrus and spectralis optical coherence tomography devices for macular inner retinal layer analysis in glaucoma
B.H. Kim, E.J. Lee, K.M. Lee, T.W. Kim (South Korea)

P2.63 Frequent location of visual field defects in glaucoma suspects and pre-perimetric glaucoma patients as evaluated by SITA-SWAP
N. Kasahara, P.R.C. Oliveira, C. Caixeta-Umbelino, M.D. Paolera (Brazil)

P2.64 Differences between peripapillary retinal nerve fiber layer analysis with and without anatomic positioning system
Á. Sánchez Ventosa, J.M. Martínez-de-la Casa, F. Saenz Frances, L. Morales, E. Santos, E. Mata, J. García-Feijoo (Spain)

P2.65 Peripapillar retinal nerve fiber layer in glaucoma patients
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E. Milla, O. Stirbu, I. Jimenez Franco, S. Garcia Hernández, S. Duch (Spain)

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M. Mimouni, E. Assia, N. Geffen (Israel)

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K. Ishida, Y. Nakano, K. Ojino, M. Shimazawa, T. Otsuka, K. Kawase, H. Hara, T. Yamamoto (Japan)

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N. Volkova (Russia)

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C. Kalamkar (India)

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A. Villamarin, A. Mermoud, S. Roy, N. Stergiopulos (Switzerland)

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K. Jung, N.Y. Lee, C.K. Park (South Korea)

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F. Kimmich, N. Pfeiffer, L.E. Pillunat, A. Rofo* (Germany, *Finland)

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C. Erb, L.E. Pillunat, A. Rofo*, F. Kimmich (Germany, *Finland)

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