



European Glaucoma Society
Innovation, Education, Communication, Implementation

15th EGS Congress



Scientific Programme

Athens | 4-8 June 2022



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group



Ωφελέειν ή Μη Βλάπτειν
Bring benefit, not harm

Hippocrates

The EGS Surgery Day
“Excellence is never an accident” - Aristotle

Saturday, 4 June 2022

07:00 Registration
09:00

09:00 09:05	Welcome and introduction Fotis Topouzis (<i>Greece</i>)	Socrates
09:05 10:09	Session A - Glaucoma surgery: evidence versus influence? Moderators: Luis Abegão Pinto (<i>Portugal</i>) Ingeborg Stalmans (<i>Belgium</i>)	Socrates
	Oracle versus science	Keith Barton (<i>United Kingdom</i>)
	To MIGS or not to MIGS?	Norbert Pfeiffer (<i>Germany</i>)
	“I am easy to please, just give me the best”: personalized medicine in surgery	Gordana Sunaric Mégevand (<i>Switzerland</i>)
	Which outcomes matter?	David Garway-Heath (<i>United Kingdom</i>)
	Discussion	
10:10 11:15	Session B - Pathways to success Moderators: Marta Pazos (<i>Spain</i>) Carlo E. Traverso (<i>Italy</i>)	Socrates
	The labyrinth of physiological outflow	Ernst Tamm (<i>Germany</i>)
	Dealing with healing	Ingeborg Stalmans (<i>Belgium</i>)
	Don't forget Poiseuille's law	Julian Garcia-Feijoo (<i>Spain</i>)
	Material differences, do they matter?	Richard Lee (<i>United Kingdom</i>)
	Discussion	

11:20 11:41	Parallel Hot spots Moderators: James Kirwan (<i>United Kingdom</i>) Alain Bron (<i>France</i>) Julian Garcia Feijoo (<i>Spain</i>)	Socrates Foyer
11:20	Station 1 My way to perform releasable sutures SLT: when and how?	 Eleni Nikita (<i>United Kingdom</i>) Barbara Cvenkel (<i>Slovenia</i>)
11:20	Station 2 My way to endoscopic cyclodestruction Surgery after corneal grafts	 Philip Bloom (<i>United Kingdom</i>) Efthymios Karmiris (<i>Greece</i>)
11:20	Station 3 Neovascular glaucoma: what is the best surgical option? Glaucoma surgeries in complex dysgenetic cases	 Andreas Katsanos (<i>Greece</i>) Vassilios Kozobolis (<i>Greece</i>)
11:45 12:55	Session C - EGS and Surgical Innovations Moderators: Manuele Michelessi (<i>Italy</i>) Fotis Topouzis (<i>Greece</i>)	Socrates
	Keynote lecture - Evidence based surgical innovation	Jane Blazeby (<i>United Kingdom</i>)
	EGS Guidelines on surgical innovations	Augusto Azuara-Blanco (<i>United Kingdom</i>)
	Recommendations for everyday surgery: do's and don'ts	Luis Abegão Pinto (<i>Portugal</i>)
	A rational approach to surgical complications	Anthony King (<i>United Kingdom</i>)
	Discussion	
	not EACCME accredited	
13:00 14:00	Parallel Industry Sessions (see page 49-50)	Parallel Rooms

14:00 15:15	Session D - State of the art and results of various surgeries Moderators: Antonio Fea (<i>Italy</i>) Andrew McNaught (<i>United Kingdom</i>)	Socrates
	Trabeculectomy	James Kirwan (<i>United Kingdom</i>)
	Tubes	Susana Duch (<i>Spain</i>)
	Non penetrating surgery	Nitin Anand (<i>United Kingdom</i>)
	MIGS	Jose Maria Martinez de la Casa (<i>Spain</i>)
	Bleb forming devices	Karl Mercieca (<i>Germany</i>)
	Discussion	

15:20 16:15	Session E - Debate and Q&A (<i>with voting</i>) Moderators: Keith Barton (<i>United Kingdom</i>) Julian Garcia-Feijoo (<i>Spain</i>)	Socrates
15:23	Is surgery the way to go in early disease? - Yes: - No:	Theodoros Filippopoulos (<i>Greece</i>) Jörg Stürmer (<i>Switzerland</i>)
15:40	Is trabeculectomy the best treatment in advanced cases? - Yes: - No:	Andrew McNaught (<i>United Kingdom</i>) Verena Prokosch (<i>Germany</i>)
15:57	Significant cataract and advanced glaucoma: combined or sequential? - Sequential: - Combined:	Clemens Vass (<i>Austria</i>) Stefano Gandolfi (<i>Italy</i>)

16:25 16:46	Parallel Hot spots	
	Moderators: Andrew McNaught (<i>United Kingdom</i>) Clemens Vass (<i>Austria</i>) Jörg Stürmer (<i>Switzerland</i>)	Socrates Foyer
16:25	Station 1	
	Surgery in uveitic glaucoma	Siri Mohammed Ezzouhairi (<i>Morocco</i>)
	Surgery in congenital glaucoma	Esther Hoffmann (<i>Germany</i>)
16:25	Station 2	
	Surgery in high myopia	Yves Lachkar (<i>France</i>)
	Surgery in nanophthalmos	Alain Bron (<i>France</i>)
16:25	Station 3	
	Choosing IOL for glaucoma patients	Stefano Miglior (<i>Italy</i>)
	Managing a subluxated IOL in PEX glaucoma	Dimitris Mikropoulos (<i>Greece</i>)
16:55 18:30	Session F - Video session (<i>with voting</i>) Moderators: Stefano Gandolfi (<i>Italy</i>) Jose Maria Martinez de la Casa (<i>Spain</i>)	Socrates
	A dysmorphic bleb	Carlo E. Traverso (<i>Italy</i>)
	Buttonholes and other complications	Thomas Klink (<i>Germany</i>)
	My needlings and revisions	Giorgio Marchini (<i>Italy</i>)
	Surgery in bad conjunctivas (failed previous surgeries)	Herbert Reitsamer (<i>Austria</i>)
	Overfiltering bleb	Andrew McNaught (<i>United Kingdom</i>)
	Combined procedure	Andrew Tatham (<i>United Kingdom</i>)
	Discussion	
18:30	Summary and end of the Surgery Day Gordana Sunaric Mégevand (<i>Switzerland</i>), Luis Abegão Pinto (<i>Portugal</i>)	



EGS Main Congress

“Wonder is the beginning of wisdom” - Socrates

07:00 Registration
09:00

09:00 09:35	Opening Session	Plenary Room
09:00 09:25	Welcome by the president New EGS projects	Fotis Topouzis (Greece)
09:25 09:35	The future of EGS: NGP and FEBOS	Ingeborg Stalmans (Belgium)
09:35 09:45	EGS Showcase	Gauti Jóhannesson (Sweden)
09:45 10:15	The Jules François lecture	Plenary Room
	Introduction	Fotis Topouzis (Greece)
	The value and need for continuous monitoring of real-world data and outcomes in glaucoma care	Anja Tuulonen (Finland)
10:15 10:45	Coffee break and Poster Session 1 (see page 27) Moderators: Carlo Alberto Cutolo (Italy) Sophie Lemmens (Belgium) Eleni Nikita (United Kingdom)	Poster Area

Sunday, 5 June 2022

10:45 11:35	Session 1 - Back to basics: what's new? Moderators: Franz Grehn (<i>Germany</i>) Norbert Pfeiffer (<i>Germany</i>)	Plenary Room
	What is the Big Bang for glaucomatous neuropathy?	Leonard Levin (<i>Canada</i>)
	Why do we still measure IOP?	Felipe Medeiros (<i>USA</i>)
	The biomechanics of the optic nerve head	Michael Girard (<i>Singapore</i>)
	Discussion	
11:40 12:45	Session 2 - Take the pulse on... Moderators: Gerhard Garhöfer (<i>Austria</i>) Anthony Khawaja (<i>United Kingdom</i>)	Plenary Room
	OHT / glaucoma suspects: too much or not enough?	Stefano Miglior (<i>Italy</i>)
	Normal tension glaucoma: challenges in diagnosis and management	Deborah Kamal (<i>United Kingdom</i>)
	Exfoliation: what is so special about it?	Panayiota Founti (<i>United Kingdom</i>)
	Angle closure: when to do an iridotomy?	Winifred Nolan (<i>United Kingdom</i>)
	Discussion	
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12:50 14:20	Educational Partner Symposium (see page 51)	Plenary Room
14:25 15:45	Session 3 - Can glaucoma be reversed? Moderators: Gauti Johannesson (<i>Sweden</i>) Leonard Levin (<i>Canada</i>)	Plenary Room
	Introduction	Leonard Levin (<i>Canada</i>)
	Why have trials failed so far to prove effectiveness?	Jonathan Crowston (<i>United Kingdom</i>)
	Glaucoma pathophysiology: latest discoveries	David Garway-Heath (<i>United Kingdom</i>)
	Can glaucoma be reversed with nicotinamide? Trials and limitations	Jeffrey Liebmann (<i>USA</i>)
	Can glaucoma be reversed with citicoline? Trials and limitations	Luca Rossetti (<i>Italy</i>)
	Can glaucoma be reversed with neuroregeneration? Prospects and limitations	Keith Martin (<i>Australia</i>)
	Discussion	

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15:45 16:45	National Societies Meetings	
15:45 16:45	Greek Glaucoma Society (GGS) / Associazione Italiana per lo Studio del Glaucoma (AISG) New frontiers in Glaucoma Diagnosis and Treatment Moderators: Georgios Magkouritsas (Greece) Stefano Miglior (Italy)	Plenary Room
	Glaucoma diagnosis: the use of both surgical and functional metrics makes the difference in glaucoma diagnosis	Andreas Katsanos (Greece)
	Glaucoma imaging: OCT angiography makes the difference	Ioannis Halkiadakis (Greece)
	Glaucoma treatment: neuroprotection makes the difference	Luca Rossetti (Italy)
	Glaucoma surgery: MIGS makes the difference	Antonio Maria Fea (Italy)
	Discussion	
15:45 16:45	Alpine Group - Austrian, Swiss and German National Societies Symposium Moderators: Esther Hoffmann (Germany) Anton Hommer (Austria) Frances Meier-Gibbons (Switzerland)	Skalkotas
	Overview of endothelial cell count loss after glaucoma surgeries	Markus Lenzhofer (Austria)
	Neurofilament Light Chain - a new marker for neuronal decay in the aqueous humor of glaucoma patients	Ewald Lindner (Austria)
	Trabeculectomy versus modified canaloplasty: tips and tricks	Julia Stingl (Germany)
	Immune-mediated cell death mechanisms in glaucoma	Stephanie Joachim (Germany)
	A case of probably iatrogenic angle-closure	Jörg Stürmer (Switzerland)
	Correlation between IOP and yoga position	Christoph Kniestedt (Switzerland)

Sunday, 5 June 2022

15:45 16:45	World Glaucoma Association (WGA) Glaucoma and non-IOP related risk factors Moderators: Ingrida Januleviciene (<i>Lithuania</i>) Zeynep Kayaarasi Ozturker (<i>Turkey</i>)	Socrates
	Blood pressure and progression of glaucoma	Luciano Quaranta (<i>Italy</i>)
	Using artificial intelligence to detect non-IOP related risk factors in glaucoma	Alon Harris (<i>USA</i>)
	Oxidative stress and inflammation in glaucoma	Miriam Kolko (<i>Denmark</i>)
	Neurorecovery in glaucoma - myths and reality	Tanuj Dada (<i>India</i>)
	Discussion	
15:45 16:45	Société Française du Glaucome (SFG) The new micro-invasive glaucoma surgical techniques Moderators: Florent Aptel (<i>France</i>) Antoine Labbé (<i>France</i>)	Hippocrates 1
	With subconjunctival filtration ab interno	Cédric Schweitzer (<i>France</i>)
	With subconjunctival filtration ab externo	Florent Aptel (<i>France</i>)
	With trabecular bypass	Antoine Labbé (<i>France</i>)
	With suprachoroidal outflow	Muriel Poli (<i>France</i>)
	Discussion	
15:45 16:45	Asian Pacific Glaucoma Society (APGS) Advancing clinical glaucoma care through outstanding research Moderators: Tin Aung (<i>Singapore</i>) Prin Rojanapongpun (<i>Thailand</i>)	Hippocrates 2
	Geometric Deep Learning in Glaucoma - A new approach to exploit complex 3D structural data	Michael Girard (<i>Singapore</i>)
	Management of asymptomatic narrow angles (PACS): lessons from recent trialsX	Tin Aung (<i>Singapore</i>)
	OCT angiography in glaucoma	Leopold Schmetterer (<i>Singapore</i>)
	The biomechanics of filtering surgery	Prin Rojanapongpun (<i>Thailand</i>)
	Discussion	

15:45 16:45	Middle East Africa Glaucoma Society (MEAGS) Impact of the Landmark Glaucoma Trials on the Daily Glaucoma Practice Moderators: Amel Meddeb-Ouertani (<i>Tunisia</i>) Zeynep Aktas (<i>Turkey</i>)	Hippocrates 3
	Diagnosis and staging	Zeinab Elsanabary (<i>Egypt</i>)
	Management of recently diagnosed POAG	Sidi Mohammed Ezzouhairi (<i>Morocco</i>)
	Advanced open angle glaucoma	Ali Alsheikheh (<i>Oman</i>)
	Glaucoma in a pseudophakic eye	Ahmed Abdelrahman (<i>Egypt</i>)
	Discussion	
15:45 16:45	Turkish Ophthalmological Association (TOS) - Glaucoma Section New Concepts in Glaucoma Moderators: Ilgaz Yalvac (<i>Turkey</i>) Kivanc Gungor (<i>Turkey</i>)	Hippocrates 4
	The lymphatics, waste clearance in the eye and implications for glaucoma	Keith Barton (<i>United Kingdom</i>)
	Predicting the visual field from OCT using AI	David Garway-Heath (<i>United Kingdom</i>)
	Pearls and artifacts in Zeiss Cirrus HD OCT	Ahmet Akman (<i>Turkey</i>)
	Pearls and artifacts in Heidelberg Spectralis OCT	Atilla Bayer (<i>Turkey</i>)
	Discussion	

16:50 17:50	C1.03 - Instructional Course The importance of the anterior chamber angle: why to look there? How to exam? What to find? Course Director: Anton Hommer (<i>Austria</i>) Course Co-Director: Prin Rojanapongpun (<i>Thailand</i>) Speakers: Anton Hommer (<i>Austria</i>) Prin Rojanapongpun (<i>Thailand</i>)	Plenary Room
16:50 17:50	C1.02 - Instructional Course Practical OCT examination in glaucoma Course Director: Balwantray Chauhan (<i>Canada</i>) Course Co-Director: Francisco Javier Goñi (<i>Spain</i>) Speakers: Claude Burgoyne (<i>USA</i>) Balwantray Chauhan (<i>Canada</i>) Francisco Javier Goñi (<i>Spain</i>)	Skalkotas
16:50 17:50	C1.06 - Instructional Course Phacoemulsification in glaucoma Course Director: Carlo E. Traverso (<i>Italy</i>) Course Co-Director: Stefano Miglior (<i>Italy</i>) Speakers: Stefano Miglior (<i>Italy</i>) Carlo E. Traverso (<i>Italy</i>)	Socrates
16:50 17:50	C1.05 - Instructional Course Trabeculectomy needling and revision Course Director: Andrew Tatham (<i>United Kingdom</i>) Course Co-Director: James Kirwan (<i>United Kingdom</i>) Speakers: Keith Barton (<i>United Kingdom</i>) Ingeborg Stalmans (<i>Belgium</i>) Andrew Tatham (<i>United Kingdom</i>)	Hippocrates 1
16:50 17:50	C1.07 - Instructional Course How to use the landmark trials in your clinic? Course Director: Panayiota Founti (<i>United Kingdom</i>) Course Co-Director: Eleni Nikita (<i>United Kingdom</i>) Speakers: Panayiota Founti (<i>United Kingdom</i>) Eleni Nikita (<i>United Kingdom</i>)	Hippocrates 2



16:50 17:50	C1.04 - Instructional Course Critical appraisal of MIGS evidence and methods for introducing new surgical procedures Course Director: Jane M. Blazeby (<i>United Kingdom</i>) Course Co-Director: Manuele Michelessi (<i>Italy</i>) Speakers: Jane M. Blazeby (<i>United Kingdom</i>) Manuele Michelessi (<i>Italy</i>)	Hippocrates 3
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16:50 17:50	C1.01 - Instructional Course Glaucoma medication - Today and tomorrow Course Director: Gerhard Garhöfer (<i>Austria</i>) Course Co-Director: Gauti Jóhannesson (<i>Sweden</i>) Speakers: Cornelia Hirn (<i>Austria</i>) Francesco Oddone (<i>Italy</i>)	Hippocrates 4
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Sunday, 5 June 2022

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17:55 18:55	Parallel Industry Sessions <i>(see pages 51 - 52)</i>	Parallel Rooms
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19:00
20:00 **Welcome Reception**

“The secret of change is to focus all of your energy, not on fighting the old, but on building the new” - Socrates

Monday, 6 June 2022

08:00 08:50	EGS General Assembly	Plenary Room
09:00 10:40	Session 4 - Precision medicine: going beyond the classical “signs-and-symptoms” Moderators: Hans Lemij (<i>The Netherlands</i>) Ingeborg Stalmans (<i>Belgium</i>)	Plenary Room
	Why we need to move away from “one-size-fits-all” management?	Fotis Topouzis (<i>Greece</i>)
	Will genotyping change our everyday practice in the future?	Ananth Viswanathan (<i>United Kingdom</i>)
	Together we can! Big data & Real World Data	Anne Coleman (<i>USA</i>)
	Will AI revolutionise glaucoma care?	Stefan Klein (<i>The Netherlands</i>)
	Where do other biomarkers fit into this?	Anthony Khawaja (<i>United Kingdom</i>)
	Does lifestyle matter?	Alain Bron (<i>France</i>)
	Discussion	
10:40 11:10	Coffee break and Poster Session 2 (<i>see page 32</i>) Moderators: Hana Abouzeid (<i>Switzerland</i>) Eleftherios Anastasopoulos (<i>Greece</i>) Muriel Poli (<i>France</i>)	Poster Area



11:10 12:20	Session 5 - Choosing wisely - improving our everyday management Moderators: Francisco Goñi (<i>Spain</i>) Carlo E. Traverso (<i>Italy</i>)	Plenary Room
	What VF damage matters to the patient?	Pradeep Ramulu (<i>USA</i>)
	Who needs aggressive care?	Francesco Oddone (<i>Italy</i>)
	Timing of surgery: avoid fiddling while Rome burns	Stylianios Kandarakis (<i>Greece</i>)
	Escaping the labyrinth: when to stop monitoring?	Hans Lemij (<i>The Netherlands</i>)
	Discussion	

12:20 12:30	EGS Showcase	Plenary Room
	Special focus on the do's and don'ts in the EGS Guidelines	Interview with Michele Iester (<i>Italy</i>)

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12:30 14:00	Educational Partner Symposium (see page 53)	Plenary Room
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14:15 15:15	C2.04 - Instructional Course SLT: why, when, how and for whom Course Director: Stefano Gandolfi (<i>Italy</i>) Course Co-Director: Gus Gazzard (<i>United Kingdom</i>) Speakers: Stefano Gandolfi (<i>Italy</i>) Gus Gazzard (<i>United Kingdom</i>)	Plenary Room
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14:15 15:15	C2.02 - Instructional Course Prepare yourself for neuroprotection Course Director: Keith Martin (<i>Australia</i>) Course Co-Director: Jeffrey Liebmman (<i>USA</i>) Speakers: Jonathan Crowston (<i>Singapore</i>) Leonard Levin (<i>Canada</i>)	Skalkotas
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Monday, 6 June 2022

14:15 15:15	C2.05 - Instructional Course Managing complications at the slit lamp Course Director: Carlo E. Traverso (<i>Italy</i>) Course Co-Director: Thomas Klink (<i>Germany</i>) Speakers: Thomas Klink (<i>Germany</i>) Carlo E. Traverso (<i>Italy</i>)	Socrates
14:15 15:15	C2.07 - Instructional Course Evidence-based clinical guidelines: why and how? Course Director: Augusto Azuara-Blanco (<i>United Kingdom</i>) Course Co-Director: Anja Tuulonen (<i>Finland</i>) Speakers: Augusto Azuara-Blanco (<i>United Kingdom</i>) Marta Pazos (<i>Spain</i>) Anja Tuulonen (<i>Finland</i>)	Hippocrates 1
14:15 15:15	C2.06 - Instructional Course Surgical approaches in mild-to-moderate glaucoma patients: when, why and for whom Course Director: Antonio Maria Fea (<i>Italy</i>) Course Co-Director: Jose Maria Martinez de la Casa (<i>Spain</i>) Speakers: Antonio Maria Fea (<i>Italy</i>) Jose Maria Martinez de la Casa (<i>Spain</i>) Konrad Schargel (<i>Spain</i>) Cédric Schweitzer (<i>France</i>)	Hippocrates 2
14:15 15:15	C2.01 - Instructional Course Exfoliation glaucoma: an update on presentation and management Course Director: Gabor Hólo (<i>Hungary</i>) Course Co-Director: Anastasios Konstas (<i>Greece</i>) Speakers: Tin Aung (<i>Singapore</i>) Andreas Katsanos (<i>Greece</i>) Vassilios Kozobolis (<i>Greece</i>)	Hippocrates 3
14:15 15:15	C2.03 - Instructional Course Sparing the ocular surface in glaucoma Course Director: Christophe Baudouin (<i>France</i>) Course Co-Director: Miriam Kolko (<i>Denmark</i>) Speakers: Christophe Baudouin (<i>France</i>) Alon Harris (<i>USA</i>) Frances Meier-Gibbons (<i>Switzerland</i>)	Hippocrates 4



15:30 16:30	C3.01 - Instructional Course NTG in clinical practice Course Director: Selim Orgül (Switzerland) Course Co-Director: Frances Meier Gibbons (Switzerland) Speakers: Deborah Kamal (United Kingdom) Frances Meier Gibbons (Switzerland) Selim Orgül (Switzerland)	Plenary Room
15:30 16:30	C3.03 - Instructional Course Treatment dilemmas in glaucoma Course Director: Henny Beckers (The Netherlands) Course Co-Director: Andrew Scott (United Kingdom) Speakers: Ronald de Crom (The Netherlands) Gus Gazzard (United Kingdom) Andrew Scott (United Kingdom)	Skalkotas
15:30 16:30	C3.04 - Instructional Course Detecting progression with structure and function Course Director: David Garway-Heath (United Kingdom) Course Co-Director: Felipe Medeiros (USA) Speakers: David Garway-Heath (United Kingdom) Felipe Medeiros (USA)	Socrates
15:30 16:30	C3.07 - Instructional Course OCT - Sclera and optic disc mechanics Course Director: Claude Burgoyne (USA) Course Co-Director: Michael Girard (Singapore) Speakers: Claude Burgoyne (USA) Michael Girard (Singapore)	Hippocrates 1
15:30 16:30	C3.05 - Instructional Course What can we expect from Artificial Intelligence in glaucoma management Course Director: Hans Lemij (The Netherlands) Course Co-Director: Leopold Schmetterer (Singapore) Speakers: Hans Lemij (The Netherlands) Leopold Schmetterer (Singapore)	Hippocrates 2

15:30
16:30

C3.06 - Instructional Course
The use of Artificial Intelligence, transfer learning and math models in the management of glaucoma

Course Director: **Alon Harris** (USA)
Course Co-Director: **Marta Pazos** (Spain)
Speakers: **Stefan Klein** (The Netherlands)
Ananth Viswanathan (United Kingdom)

Hippocrates 3

15:30
16:30

C3.02 - Instructional Course
My worst surgical cases

Course Director: **Keith Barton** (United Kingdom)
Course Co-Director: **Ingeborg Stalmans** (Belgium)
Speakers: **Keith Barton** (United Kingdom)
Ingeborg Stalmans (Belgium)

Hippocrates 4

Monday, 6 June 2022

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16:40
18:10

Educational Partner Symposium
(see page 53)

Plenary Room

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18:15
19:15

Parallel Industry Sessions
(see page 54)

Parallel Rooms

“Quality is not an act, it is a habit” - Aristotle

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08:00 08:45	Industry Breakfast Session (see page 55)	Parallel Rooms
09:00 10:30	Session 6 - Vote for the Winner: Interactive session Moderators: Francesco Oddone (Italy) Ananth Viswanathan (United Kingdom)	Plenary Room
09:00	Tonometry: Goldmann for the old man? - Yes: - No:	Arthur Sit (USA) Anton Hommer (Austria)
09:14	Q/A	
09:20	Preservative-free for ALL? - Yes: - No:	Anastasios Konstas (Greece) Sheng Lim (United Kingdom)
09:34	Q/A	
09:40	SLT always first? - Yes: - No:	Gus Gazzard (United Kingdom) Cédric Schweitzer (France)
09:54	Q/A	
10:00	Blood flow and blood pressure: are they essential contributors to GON? - Yes: - No:	Leopold Schmetterer (Singapore) Jeffrey Liebmann (USA)
10:14	Q/A	
10:20	Gonioscopy or AS-OCT to interpret the angle? - Gonioscopy is best: - AS-OCT is best:	David Friedman (USA) Tin Aung (Singapore)
10:34	Q/A	

Tuesday, 7 June 2022

10:40 11:00	Coffee break and Poster Session 3 (see page 38) Moderators: Mario Economou (Switzerland) Stylianios Georgoulas (United Kingdom) Andrew Scott (United Kingdom)	Poster Area
10:40 11:00	Rapid Fires 1 Moderators: João Barbosa Breda (Portugal), Cornelia Hirn (Austria) Markus Karlsson (Sweden)	Booth 1, 2, 3
	Booth 1 Comparison of machine learning approaches for focal visual field modelling Damon Wong ^{1,2} , Jacqueline Chua ¹ , Inna Bujor ³ , Alina Popa-Cherecheanu ^{3,4} , Leopold Schmetterer ^{1,2,5} (¹ Singapore, ² Switzerland, ³ Romania, ⁴ Romania, ⁵ Austria) The discriminative ability of two glaucoma diagnostic calculators in glaucoma suspects and glaucoma patients Nestor Ventura Abreu , Marc Biarnés , Sofía Batlle , Maria Teresa Carrión Donderis , Rafael Castro Domínguez , Javier Moreno Montañes , Marta Pazos (Spain)	
	Booth 2 Changing prevalence of glaucoma-related vision loss in Europe over the last 20 years: findings from the Global Vision Database of the Vision Loss Expert Group Rupert Bourne ¹ , Jost Jonas ² , Alain Bron ³ , Jaimie Steinmetz ⁴ , Paul Briant ⁴ , Tabassom Sedighi ¹ , Nicolas Leveziel ³ , Maria Cicinelli ⁵ , Luca Rossetti ⁵ , Ian Tappay ¹ , Serge Resnikoff ⁶ , Theo Vos ⁴ , Hugh Taylor ⁶ (¹ United Kingdom, ² Germany, ³ France, ⁴ USA, ⁵ Italy, ⁶ Australia) Glaucoma conversion of the contralateral eye in unilateral normal-tension glaucoma patients: a 5-year follow-up study Jin-Soo Kim , Hyuk Jin Choi , Ki Ho Park (South Korea)	
	Booth 3 Intraocular pressure fluctuation and rates of visual field progression in primary open-angle glaucoma: an exploratory analysis from the United Kingdom Glaucoma Treatment Study (UKGTS) Alessandro Rabiolo , Giovanni Montesano , David Crabb , David Garway-Heath (United Kingdom) A simple surgical solution for the treatment of persistent postoperative hypotony after PreserFlo MicroShunt implantation Soledad Aguilar Munoa , Yih-Horng Tham , Keith Barton (United Kingdom)	
		Plenary Room
11:00 11:15	EGS Showcase	Gauti Jóhannesson (Sweden)
11:15 12:30	Session 7 - Diagnostic challenges Moderators: David Garway-Heath (United Kingdom) Marta Pazos (Spain)	Plenary Room
	How to use your resources in a sustainable way?	Rupert Bourne (United Kingdom)
	The role of macular testing in diagnosing glaucoma	Giovanni Montesano (United Kingdom)
	New structural parameters to distinguish myopic changes from glaucoma	Claude Burgoyne (USA)
	How useful is OCT-A for the diagnosis of glaucoma?	Balwantray Chauhan (Canada)
	Discussion	



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12:30 14:00	Educational Partner Symposium (see page 55)	Plenary Room
14:05 15:40	Session 8 - Tips and tricks: practical considerations in glaucoma management Moderators: Andrew McNaught (United Kingdom) Frances Meier Gibbons (Switzerland)	Plenary Room
	How many VF to diagnose and manage glaucoma?	Francisco Goñi (Spain)
	The harm of over-diagnosing and over-treating	Eleftherios Anastasopoulos (Greece)
	Managing glaucoma and concomitant co-morbidities	Marta Pazos (Spain)
	Curing the macula but killing the nerve?	Alexandros Stangos (Switzerland)
	Discussion	
	Latest developments in medical and surgical therapy	
	New medications in the pipeline	Gerhard Garhöfer (Austria)
	New surgeries in the pipeline	Antonio Fea (Italy)
	Discussion	
15:45 16:45	The EGS Patient project: communication with the patient Moderators: Carol Bronze (United Kingdom), Stylianios Georgoulas (United Kingdom) Speakers: David Garway-Heath (United Kingdom) Louise Evans (United Kingdom) Stylianios Georgoulas (United Kingdom)	Plenary Room
15:45 16:45	C4.03 - Instructional Course Is non-penetrating surgery still worth learning? Course Director: Gordana Sunaric Mégevand (Switzerland) Course Co-Director: Karl Mercieca (Germany) Speakers: Nitin Anand (United Kingdom) Alessandro Rabiolo (United Kingdom) Karl Mercieca (Germany) Gordana Sunaric Mégevand (Switzerland)	Skalkotas
15:45 16:45	C4.01 - Instructional Course If not glaucoma, what else? Differential diagnosis Course Director: Leonard Levin (Canada) Course Co-Director: Delphine Bifrare (Switzerland) Speakers: Delphine Bifrare (Switzerland) Leonard Levin (Canada)	Socrates

Tuesday, 7 June 2022

15:45 16:45	C4.06 - Instructional Course All you need to know on glaucoma and genetics Course Director: Fotis Topouzis (<i>Greece</i>) Course Co-Director: Anthony Khawaja (<i>United Kingdom</i>) Speakers: Tin Aung (<i>Singapore</i>) Ananth Viswanathan (<i>United Kingdom</i>)	Hippocrates 1
15:45 16:45	C4.04 - Instructional Course Investigating Schlemm's canal - Is this the way to go in glaucoma? Course Director: Ernst Tamm (<i>Germany</i>) Course Co-Director: Sheng Lim (<i>United Kingdom</i>) Speakers: Franz Grehn (<i>Germany</i>) Sheng Lim (<i>United Kingdom</i>) Ernst Tamm (<i>Germany</i>)	Hippocrates 2
15:45 16:45	C4.05 - Instructional Course Tube surgery Course Director: Susana Duch (<i>Spain</i>) Course Co-Director: Luis Abegão Pinto (<i>Portugal</i>) Speakers: Luis Abegão Pinto (<i>Portugal</i>) Carlos A. Arciniegas-Perasso (<i>Spain</i>) Susana Duch (<i>Spain</i>)	Hippocrates 3
15:45 16:45	C4.07 - Instructional Course Visual field examples - Artefacts, tricky cases Course Director: Hans Lemij (<i>The Netherlands</i>) Course Co-Director: Barbara Cvenkel (<i>Slovenia</i>) Speakers: Barbara Cvenkel (<i>Slovenia</i>) Hans Lemij (<i>The Netherlands</i>)	Hippocrates 4
15:45 16:45	C4.02 - Instructional Course Congenital glaucoma Course Director: Esther Hoffmann (<i>Germany</i>) Course Co-Director: Alana Grajewski (<i>USA</i>) Speakers: Elena Bitrian (<i>USA</i>) Alana Grajewski (<i>USA</i>) Esther Hoffmann (<i>Germany</i>) Konrad Schargel (<i>Spain</i>)	Hippocrates 5

16:45 17:15	Coffee Break and Poster Session 4 (see page 43) Moderators: Delphine Bifrare (Switzerland) Maria Da-Luz Freitas (Portugal) Stylianios Kandarakis (Greece)	Poster Area
16:45 17:15	Rapid Fires 2 Moderators: Renè Hoehn (Switzerland), Manuele Michelessi (Italy), Soledad Aguilar Munoa (United Kingdom)	Booth 1, 2, 3
	Booth 1	
	Reversible mitochondrial injury in dying retinal ganglion cells Wenting You, Chris Reutelingsperger, Tos Berendschot, Carroll Webers, Theo Gorgels (The Netherlands)	
	Intraocular pressure changes during yoga exercises in young healthy adults Darja Shajiei, Josephine Wachtl, Angelika Schuknecht, Lucas Bachmann, Christoph Kniestedt (Switzerland)	
	Automatic goniophotography as a learning tool for gonioscopy Chiara Pizzorno, Carlo Alberto Cutolo, Alessandro Bagnis, Michele Iester, Carlo Traverso (Italy)	
	Booth 2	
	Neurofilament light chain - a new marker for neuronal decay in the aqueous humor of glaucoma patients Nora Woltsche¹, Katharina Valentin¹, Lukas Hoeflechner¹, Andreas Guttman¹, Jutta Horwath-Winter¹, Mona Schneider¹, Domagoj Ivastinovic¹, Marlene Lindner¹, Leopold Schmetterer², Neena Singh³, Regina Riedl¹, Arabella Buchmann¹, Michael Khalil¹, Ewald Lindner¹ (¹ Austria, ² Singapore, ³ USA)	
	Ab-interno canaloplasty standalone versus combined with cataract surgery - 36-month outcomes in 1000+ eyes Mahmoud Khaimi (USA)	
	Plasma rich in growth factors as an adjuvant agent in non-penetrating deep sclerectomy Pedro Pablo Rodriguez-Calvo, Ignacio Rodriguez-Una, Montserrat García, Hector Gonzalez-Iglesias, Andres Fernandez-Vega-Cueto, Jesus Merayo-Llves (Spain)	
	Booth 3	
	Intra-ocular pressure response to dexamethasone implant injections in patients with a history of filtering surgery: the TRABEX study Amina Rezkallah, Philippe Denis, Kodjikian Laurent, Mathis Thibaud (France)	
	A biomaterial drug-eluting device for reducing post-trabeculectomy inflammation and fibrosis Mark Lemoine, Nina Pohler, Zulal Demir, Colm O'Brien, Fergal O'Brien, Alan Hibbitts (Ireland)	
	Magnetic resonance imaging of glaucoma drainage devices Rafael Correia Barão, David Berhanu, Diogo Bernardo Matos, André Diogo Barata, Rita Sousa, Luis Abegão Pinto (Portugal)	

"Cutting the Gordian knot" - Alexander the Great

08:00 09:00	C5.03 - Instructional Course How to manage a glaucoma suspect and OHT? Course Director: Alain Bron (<i>France</i>) Course Co-Director: Barbara Teuchner (<i>Austria</i>) Speakers: Alain Bron (<i>France</i>) Barbara Teuchner (<i>Austria</i>)	Plenary Room
08:00 09:00	C5.01 - Instructional Course Algorithm for medical treatment for glaucoma Course Director: Luca Rossetti (<i>Italy</i>) Course Co-Director: Delphine Bifrare (<i>Switzerland</i>) Speakers: Delphine Bifrare (<i>Switzerland</i>) Dario Romano (<i>Italy</i>) Luca Rossetti (<i>Italy</i>)	Skalkotas
08:00 09:00	C5.04 - Instructional Course MIGS and their complications Course Director: Norbert Pfeiffer (<i>Germany</i>) Course Co-Director: Julian Garcia Feijoo (<i>Spain</i>) Speakers: Keith Barton (<i>United Kingdom</i>) Julian Garcia Feijoo (<i>Spain</i>) Norbert Pfeiffer (<i>Germany</i>)	Socrates
08:00 09:00	C5.05 - Instructional Course Visual fields - Interpreting those dots Course Director: Ananth Viswanathan (<i>United Kingdom</i>) Course Co-Director: Luis Abegão Pinto (<i>Portugal</i>) Speakers: Luis Abegão Pinto (<i>Portugal</i>) Ananth Viswanathan (<i>United Kingdom</i>)	Hippocrates 1
08:00 09:00	C5.07 - Instructional Course Face-to-face or virtual management? Course Director: Winifred Nolan (<i>United Kingdom</i>) Course Co-Director: João Barbosa Breda (<i>Portugal</i>) Speakers: João Barbosa Breda (<i>Portugal</i>) Winifred Nolan (<i>United Kingdom</i>) Andrew Tatham (<i>United Kingdom</i>)	Hippocrates 2

Wednesday, 8 June 2022



08:00 09:00	C5.02 - Instructional Course New on structural measurement in the pipe line Course Director: Leopold Schmetterer (<i>Singapore</i>) Course Co-Director: Michele Iester (<i>Italy</i>) Speakers: Michele Iester (<i>Italy</i>) Eduardo Normando (<i>United Kingdom</i>) Leopold Schmetterer (<i>Singapore</i>)	Hippocrates 3
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08:00 09:00	C5.06 - Instructional Course Surgery: interactive difficult cases Course Director: Herbert Reitsamer (<i>Austria</i>) Course Co-Director: Siri Mohammed Ezzouhairi (<i>Morocco</i>) Chair: Gordana Sunaric Megevand (<i>Switzerland</i>) Speakers: Zeynep Aktas (<i>Turkey</i>) Siri Mohammed Ezzouhairi (<i>Morocco</i>) Herbert Reitsamer (<i>Austria</i>)	Hippocrates 4
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09:00 10:30	Session 9 - The many protagonists in surgery: patients, surgeons and referring doctors Moderators: Stylianios Kandarakis (<i>Greece</i>) James Kirwan (<i>United Kingdom</i>)	Plenary Room
	When is phacoemulsification alone a valuable option?	Andrew McNaught (<i>United Kingdom</i>)
	How do I counsel the patient on surgery when cataract and glaucoma coexist?	Stylianios Georgoulas (<i>United Kingdom</i>)
	Is restarting drops after filtering surgery "throwing in the towel"?	David Friedman (<i>USA</i>)
	Exploring patients' expectations	Anthony King (<i>United Kingdom</i>)
	Complications: to worry or not to worry?	Philippe Denis (<i>France</i>)
	Is cyclodestruction only the very last option?	Manuele Michelessi (<i>Italy</i>)
	Discussion	

10:40 11:10	Coffee break	Exhibition Area
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11:10 12:40	Session 10 - Don't miss this session... it may help you with your next patient <i>(cases with interactive voting)</i> Moderators: Luis Abegão Pinto <i>(Portugal)</i> Gordana Sunaric Mégevand <i>(Switzerland)</i>	Plenary Room
11:10	Clinical scenario 1	Carlo E. Traverso <i>(Italy)</i>
	Discussion / round table	
11:25	Clinical scenario 2	Keith Barton <i>(United Kingdom)</i>
	Discussion / round table	
11:40	Clinical scenario 3	Julian Garcia-Feijoo <i>(Spain)</i>
	Discussion / round table	
11:55	Clinical scenario 4	Stefano Gandolfi <i>(Italy)</i>
	Discussion / round table	
12:10	Clinical scenario 5	Ingeborg Stalmans <i>(Belgium)</i>
	Discussion / round table	
12:25	Round table	
12:45	Closing Remarks Fotis Topouzis <i>(Greece)</i> , Ingeborg Stalmans <i>(Belgium)</i>	Plenary Room

12:45 Farewell Reception

Sunday 5 June 2022

10:15 10:45	Poster Session 1	Poster Area
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Diagnosis | Pathogenesis

Moderators: **Carlo Alberto Cutolo** (*Italy*), **Sophie Lemmens** (*Belgium*), **Eleni Nikita** (*United Kingdom*)

- P1.01** Acute angle closure glaucoma after major surgery: a case series
Marta Correia, Mariana Portela, Margarida Baptista, Maria Patricio (*Portugal*)
- P1.02** The Manchester Triage System in the acute primary angle closure attack
Margarida Ribeiro, João Barbosa-Breda, Ana Faria-Pereira, Francisco Gonçalves, Flávio Alves, Sérgio Silva, Fernando Falcão-Reis, Antonio Melo (*Portugal*)
- P1.03** Acute angle closure glaucoma within "normal" IOP. A case of PISK
Carolina Rius Tornos, Teresa Florit Pons, Marc Rosell Raventos, Celia Fuste Fusares (*Italy*)
- P1.04** Tramadol subcutaneous injection inducing simultaneous bilateral acute angle-closure glaucoma
Nada Sakli, Mbarek Sameh (*Tunisia*)
- P1.05** Secondary angle closure glaucoma secondary to 360 degrees DALK-iris adhesions by AS-OCT imaging
Nikistratos Yfantis, Julia Fajardo Sanchez, Lauren Van Lancker, Jia Ng, Emma Hollick, Lana Fu, Avi Kulkarni (*United Kingdom*)
- P1.06** Risk factors for suprachoroidal hemorrhage associated with glaucoma surgery in children: a case-control study
Rakan Algorinees¹, Rizwan Malik^{1,2} (*¹Saudi Arabia, ²Canada*)
- P1.07** Myopic tilted disc by optical coherence tomography. Myopic or glaucoma optical neuropathy?
Svetlana Zhukova, Tatiana Iureva (*Russian Federation*)
- P1.08** Stress-Strain Index (SSI): an index to take into account in thick CCT patients
Miguel Teus Guezala, Marta I. Martinez-Sanchez, Gema Bolivar, Javier Paz-Moreno-Arrones (*Spain*)
- P1.09** Study on the prediction of glaucoma progression in patients associated with sleep apnea using artificial intelligence tools
Nicoleta Anton, Bogdan Doroftei, Catalin Lisa, Camelia Bogdanici, Roxana Ciuntu (*Romania*)
- P1.10** Relationship between foveal avascular zone and macular vessel density with central visual field in glaucoma patients
Laura Díez-Álvarez, Laia Jaumandreu, Fernando José Huelin Alcubierre, Cristina Ye Ye Zhu, Ana Diaz Montealegre, Elisa González Pastor, Gema Rebolleda, Francisco José Muñoz Negrete (*Spain*)
- P1.11** False-positive classification and associated factor in segmented macular layers and retinal nerve fiber layer analysis: a spectralis OCT deviation map study
Yun Jeong Lee, Jin Wook Jeoung (*South Korea*)
- P1.12** Neurofilament light chain - a new marker for neuronal decay in the aqueous humor of glaucoma patients
Nora Woltsche¹, Katharina Valentin¹, Lukas Hoeflechner¹, Andreas Guttman¹, Jutta Horwath-Winter¹, Mona Schneider¹, Domagoj Ivastinovic¹, Marlene Lindner¹, Leopold Schmetterer², Neena Singh³, Regina Riedl¹, Arabella Buchmann¹, Michael Khalil¹, Ewald Lindner¹ (*¹Austria, ²Singapore, ³USA*)
- P1.13** Myopic normative database assessment of the retinal nerve fiber layer thickness using spectralis OCT
Hayati Yilmaz, Yagmur Seda Yesiltas, Emre Aydemir, Gözde Aksoy, Gülce Gökgöz Özısık, Mehmet Talay Koylu, İsmail Çagatay Çaglar, Atilla Bayer (*Turkey*)

- P1.14** Pupillometry measurements in patients with asymmetric glaucomatous damage and their correlations with structural and functional glaucoma parameters
Banu Bozkurt, Yalçın Karaküçük, Ayşe Bozkurt Oflaz, Sona Gorchuyeva (Turkey)
- P1.15** Glaucoma: is it though?
Alexandra Trivli, Evangelia Dalieraki, Eleni Giakoumogiannaki, Ilias Vasilaras (Greece)
- P1.16** Developing the intra-ocular pressure metrology in Europe
Dominik Pražák¹, Šejla Ališić², Anatolii Bescupschii³, Alen Bošnjaković², Serghei Ceapa³, Ehlimana Jugo², Vanco Kacarski⁴, Nenad Petrovski⁴, Václav Sedlák¹, Alina Sincarenco³, Bianka Stoilkovska⁴, Vítězslav Suchý¹, Radovan Wiecek¹ (¹Czech Republic, ²Bosnia and Herzegovina, ³Macedonia)
- P1.17** Glaucomatocyclitic crisis “Posner-Schlossman Syndrome”: a case report
Brenda Alegria García Loza, Rodrigo Mateos Oropeza (Mexico)
- P1.18** Coexistence of normal tension glaucoma and pigment dispersion syndrome manifestations in a female patient. Case report and literature overview
Elpida Kollia¹, Alexandros Chatzirallis², Theodora Gianni², Konstantina Koumoutsou², Diafa Aspasia², Eleni Patsea² (¹United Kingdom, ²Greece)
- P1.19** Automated segmentation of retinal nerve fiber layer excluding retinal blood vessels: integrating OCT and OCT angiography
Valentina Folegani¹, Matteo Airaldi¹, Jonathan Oakley², Sara Bochicchio¹, Angelica Dipinto¹, Simona Prandoni¹, Giovanni Staurenghi¹, Giacinto Triolo¹ (Italy, ²USA)
- P1.20** Automatic gonioscopy as a learning tool for gonioscopy
Chiara Pizzorno, Carlo Alberto Cutolo, Alessandro Bagnis, Michele Iester, Carlo E. Traverso (Italy)
- P1.21** Automated digital gonioscopy in a real world clinical setting
Sundeep Deol, Andrew Tatham (United Kingdom)
- P1.22** Influence of altitudinal visual field analysis on reproducibility of visual field sensitivity in glaucoma
Daisuke Shiba, Sayaka Adachi, Akiko Hanyuda, Motohiro Moriya, Kenya Yuki¹, Kazuno Negishi (Japan)
- P1.23** OCT angiography images evaluation in healthy and glaucomatous subjects using a new data analysis program: inter-image variability
Paola Cassottana, Costanza Iester, Lorenzo Ferro Desideri, Carlo E. Traverso, Michele Iester (Italy)
- P1.24** Comparison of intraocular pressure, central corneal thickness and ocular biomechanical metrics using Corvis ST, Goldmann applanation tonometer and ultrasound pachymeter in healthy and ocular hypertensive patients
Elena Ávila Marrón, Maria Del Mar Schilt Catafal, Elena Milla, Susana Duch (Spain)
- P1.25** Clinical comparison between Swedish Interactive Thresholding Algorithm (SITA) Faster 24-2C and SITA Standard 24-2 in glaucomatous patients
Luca Di Cello, Daniele Sindaco, Federica Tessitore, Giulia Agosto, Carlo Alberto Cutolo, Aldo Vagge, Carlo E. Traverso, Michele Iester (Italy)
- P1.26** Quantification and functional correlations of macular microvasculature in the ganglion cell-inner plexiform layer in primary open angle glaucoma using OCT angiography
Ingy Ingymadi (USA)
- P1.27** Clinical usefulness of layer-by-layer deviation maps of spectralis OCT: comparison with cirrus OCT
Sooyeon Choe, Mirinae Jang, Young Kook Kim, Ki Ho Park, Jin Wook Jeoung (South Korea)
- P1.28** Optical coherence angiography of optic disc in eyes with primary open-angle glaucoma and normal-tension glaucoma with equal levels of structural damage
Ioannis Halkiadakis, Spiros Atzamoglou, Nikos Koukos, Vasilis Tzimis, Michalis Tzakos (Greece)
- P1.29** Catch trials in advanced glaucoma: general glaucoma or macular program
Dragan Janjic (Serbia)

- P1.30** Retinal nerve fiber layer defect on optical coherence tomography en face image is more closely related with visual field indices than conventional red-free fundus photography
Hyuk Jin Choi, Jin-soo Kim (*South Korea*)
- P1.31** Diagnostic accuracy and relationship between optical coherence tomography angiography vessel density and structural/functional parameters in healthy, preperimetric and manifest glaucoma eyes
Asma Khallouli, Yassin Weslati, Dhouha Gouider, Afef Maalej, Riadh Rannen (*Tunisia*)
- P1.32** Long-term outcomes of standalone excisional goniotomy using the Kahook Dual Blade in eyes with primary open-angle glaucoma
Theresa Landry, Mohammed Kamal Elmallah, Blake Williamson, Cade Nelson (*USA*)
- P1.33** Evaluation of the diagnostic accuracy of different tomographic parameters by SD-OCT in preperimetric and perimetric stage of glaucoma
Afef Maalej, Yassin Weslati, Dhouha Gouider, Asma Khallouli, Riadh Rannen (*Tunisia*)
- P1.34** Correlation between parameters of Bruch's membrane opening, retinal nerve fiber layer and ganglion cell complex
Maria Liseth Salazar Quiñones, Carmen Mendez-Hernandez, Julian Garcia Feijoo, Rafael Sánchez del Hoyo (*Spain*)
- P1.35** Reproducibility of optic nerve head and macular vessel density by Heidelberg Spectralis II optical coherence tomography angiography (OCT-A) in glaucoma and healthy subjects
Maria Liseth Salazar Quiñones, Jose Ignacio Fernandez-Vigo, Pilar Peña-Urbina, Jose Martinez-de-la-Casa, Julian Garcia Feijoo (*Spain*)
- P1.36** Contrast sensitivity in glaucoma patients with visual field defects in different locations
Jiyong Jang, Eun Ji Lee (*South Korea*)
- P1.37** OCT (RNFL, GCC) findings in glaucoma clinic patients with normal visual field tests: how to approach and treat
Chrysanthos-Christos Laoudikos, Chryssa Terzidou, Vassilios Kozobolis (*Greece*)
- P1.38** Evaluation of ganglion cell parameters and comparison with retinal nerve fiber layer in preperimetric glaucoma, early stage glaucoma and healthy people
Özlem Aktas Özaltun (*Turkey*)
- P1.39** Structure-function correlation between OCT and both Visual Field SITA Standard and SITA Faster
Federica Tessitore, Daniele Sindaco, Giulia Agosto, Martina Mercuri, Carlo Alberto Cutolo, Carlo E. Traverso, Michele Iester (*Italy*)
- P1.40** Differentiating chiasmal macroadenoma from primary open angle glaucoma by optical coherence tomography
Seyda Ugurlu, Turan Akbalik, Gonca Oruk (*Turkey*)
- P1.41** Association between retinal vascular parameters and retinal nerve fiber layer thickness in open angle glaucoma: the ALIENOR population-based study
Catherine Helmer, Melanie Le Goff, Marie-Noelle Delyfer, Marie-Benedicte Rougier, Jean-François Korobelnik, Audrey Cougnard-Gregoire, Cecile Delcourt, Cédric Schweitzer (*France*)
- P1.42** Eclectic risk factors for ocular hypertension and glaucoma patients in the Iberian Peninsula
Maria Dolores Pinazo Duran, Jose Miguel Bolarin-Guillen, Carolina Garcia Villanueva, Jose Javier Garcia-Medina, Jose Manuel Salgado-Borges, Helena Cristina Campos-Borges, Juan Francisco Ramos-Lopez, Elena Rodriguez-Neila, Elena Bendala-Tufanisco, Vicente Zanón-Moreno (*Spain*)
- P1.43** A case of idiopathic iridoschisis
Massimo Savastano (*Italy*)
- P1.44** Microspherophakia in Weill-Marchesani syndrome, the ophthalmologist should not be missed
Kulawan Rojananuangnit (*Thailand*)

- P1.45** Complications after dexamethasone intravitreal implant in diabetic macular edema patients
Almudena Moreno Martínez, Cristina Blanco Marchite, Francisco López Martínez, Antonio Donate Tercero, Carlos Cava Valenciano, Eva Gonzalez Aquino, Sergio Copete Piqueras (*Spain*)
- P1.46** Optic disc structural and functional assessment in patients with primary Raynaud's phenomenon
Ana Rita Carreira, Nadine Marques, Pedro Carreira, Filipe Moraes, Tomas Loureiro, Sandra Rodrigues-Barros, Paula Saldanha, João Cardoso, Nuno Campos (*Portugal*)
- P1.47** OCT in optic disc drusen: what do we have to look at?
Laura Sánchez Vela, Marta Garrido Marín, Alejandro Pardo Aranda, Rafael Fischer, Olivia Pujol Carreras, Manuel Antonio Amilburu Pérez, Jaume Rigo, Antoni Dou, Marta Castany (*Spain*)
- P1.48** Bilateral choroidal detachment in the absence of previous intraocular surgery: a case series
Maria Jesus Chaves Samaniego (*Spain*)
- P1.49** The relationship between cerebrovascular autoregulation and retrobulbar blood flow in glaucoma patients
Evelina Simiene, Akvile Stoškuvienė, Lina Šiaudvytė, Ingrida Januleviciene (*Lithuania*)
- P1.50** Structure-function analysis of the peripapillary intrachoroidal cavitation
Artemise Dugauquier, Wilfried Tchatchou Tomy, Nacima Kisma, Kevin Coppens, Yassir Alaoui Mhammedi, Karelle Leroy, Francoise Bremer, Adele Ehongo Bidime (*Belgium*)
- P1.51** Protein kinase C regulates hypoxia-induced effects on NMDAR-mediated excitatory retinocollicular neurotransmission in the in vitro model of central retinal projections
Hanna Dumanska, Nickolai Veselovsky (*Ukraine*)
- P1.52** ELAVL1/HuR is required for both endo- and exogenous neuroprotection in retinal ganglion cells
Anna Pacwa^{1,2}, Joanna Machowicz¹, Piotr Rodak¹, Bartosz Machna¹, Saeed Akhtar², Marita Pietrucha-Dutczak¹, Marialaura Amadio³, Joanna Lewin-Kowalik^{1,2}, Adrian Smedowski^{1,2} (¹*Poland*, ²*Saudi Arabia*, ³*Italy*)
- P1.53** Role of the integrated stress response in glaucoma
Caoimhe Normile, Mustapha Irnaten, David Simpson, Oisín Cappa, Boris Kholodenko, Vadim Zhernovkov, Colm O'Brien (*Ireland*)
- P1.54** Ultrastructural visualization of lymphatic vessels of filtration blebs after non-penetrating glaucoma surgery
Tatiana Iureva, Yulia Malisheva (*Russian Federation*)
- P1.55** Reduced mitochondrial DNA copy number in peripheral blood lymphocytes of POAG patients
Antoni Vallbona Garcia, Ilse Hamers, Florence van Tienen, Irenaeus de Co, Carroll Webers, Hubert Smeets, Theo Gorgels (*The Netherlands*)
- P1.56** Unusual extreme seasonal intraocular pressure (IOP) fluctuation in primary open-angle glaucoma (POAG)
Dimitra Oikonomou, Petko Hristov, Aggeliki Androu, Antonios Manolakis, Dimitrios Alonistiotis (*Greece*)
- P1.57** The effect of miR-29b expression on ADAM12 & ADAM19 in the lamina cribrosa in primary open angle glaucoma
Aoife Smyth, Breedge Callaghan, Darrell Andrews, Mustapha Irnaten, Colin Willoughy, Colm O'Brien (*Ireland*)
- P1.58** Resolution of hypotony related peripapillary retinoschisis in a glaucoma patient with normalization of intraocular pressure
Ioannis Markopoulos, Ioannis Halkiadakis, Anna Vernikou, Michalis Tzakos (*Greece*)
- P1.59** Generation of human retinal ganglion cells for glaucoma disease modeling
Theo Gorgels, Iris Boesten, Florence van Tienen, Hubert Smeets, Carroll Webers, Birke Benedikter (*The Netherlands*)
- P1.60** Changes in blood flows in the central retinal artery secondary to IOP reduction in open angle glaucoma measured by Holographic Doppler
Régis Lecoge, Michael Atlan, Léo Puyo, Emmanuelle Brasnu-De Cenival, Luzu Jade, Michel Paques, Christophe Baudouin, Labbé Antoine (*France*)



- P1.61** The role of AMP-related kinase 5 (ARK 5) inhibition in human glaucomatous lamina cribrosa cells
Sarah Powell¹, Breedge Callaghan², Mustapha Irnaten¹, Colin Willoughy², Colm O'Brien¹ (¹Ireland, ²United kingdom)
- P1.62** Primary open-angle glaucoma patients have reduced systemic mitochondrial function compared to healthy controls
Bledi Petriti, Kai-Yin Chau, Alessandro Rabiolo, Gerassimos Lascaratos, David Garway-Heath (United Kingdom)
- P1.63** Autotaxin in the lamina cribrosa: a driver of fibrosis in glaucoma
Amy O'Regan, Sarah Eivers, Mustapha Irnaten, Deborah Wallace, Colm O'Brien (Ireland)
- P1.64** Paired analysis of mitochondrial DNA variants in primary open angle glaucoma: the role of somatically acquired mutations
Neeru Vallabh, Brian Lane, David Simpson, Marc Fuchs, Anshoo Choudhary, Colin Willoughy (United Kingdom)
- P1.65** A connection between serum levels of HSP 70 and parameters of structural and functional glaucoma damage
Marija Trenkic, Predrag Jovanovic, Jasmina Djordjevic-Jocic, Marija Radenkovic, Maja Petrovic (Serbia)
- P1.66** Pseudophakic pupillary block
Pablo Cisneros, Ismael Bakkali El Bakkali, Eva Josefina Núñez Moscarda, Juan Ibañez (Spain)
- P1.67** Neovascular glaucoma due to ocular ischemia syndrome. Case report and differential diagnosis
Elizabeth Salcedo, Gloria Biarge, Beatriz Rodriguez, Barbara Delas Alos, Mouafk Asaad (Spain)
- P1.68** Secondary intraocular hypertension due to increased episcleral venous pressure – different etiologies and pathophysiological mechanisms
Margarida Baptista, Marta Correia, Mariana Portela, Maria Picoto, Pedro Arede (Portugal)
- P1.69** Regulation of lysyl oxidase-like protein 1 by microRNAs in pseudoexfoliation glaucoma
Alka Khera, Surinder Pandav, Faisal TT, Jagat Ram (India)
- P1.70** Optic nerve head changes in eyes treated with multiple intravitreal injections
João Garrido, Inês Passos, Diogo Fortunato, Olga Berens, Augusto Candeias (Portugal)
- P1.71** Comparison of machine learning approaches for focal visual field modelling
Damon Wong^{1,2}, Jacqueline Chua¹, Inna Bujor³, Alina Popa-Cherecheanu^{3,4}, Leopold Schmetterer^{1,2,5} (¹Singapore, ²Switzerland, ³Romania, ⁴Romania, ⁵Austria)
- P1.72** The discriminative ability of two glaucoma diagnostic calculators in glaucoma suspects and glaucoma patients
Nestor Ventura Abreu, Marc Biarnés, Sofía Batlle, Maria Teresa Carrión Donderis, Rafael Castro Domínguez, Javier Moreno Montañes, Marta Pazos (Spain)
- P1.73** Reversible mitochondrial injury in dying retinal ganglion cells
Wenting You, Chris Reutelingsperger, Tos Berendschot, Carroll Webers, Theo Gorgels (The Netherlands)
- P1.74** Intraocular pressure changes during yoga exercises in young healthy adults
Darja Shajiei, Josephine Wachtl, Angelika Schuknecht, Lucas Bachmann, Christoph Kniestedt (Switzerland)
- P1.75** Increased risk of Alzheimer's disease in patients with normal tension glaucoma: a nationwide cohort study
Yu Yen Chen^{1,2}, Man Chen Hung¹ (¹Taiwan, ²USA)
- P1.76** Association between retinitis pigmentosa and an increased risk of open angle glaucoma
Man Chen Hung¹, Yu Yen Chen^{1,2} (¹Taiwan, ²USA)

Monday, 6 June 2022

**10:40
11:10**

Poster Session 2

Poster Area

Treatment - Medical | Epidemiology, Health Economics, Visual Disability, QoL | Follow up/Progression

Moderators: **Hana Abouzeid** (*Switzerland*), **Eleftherios Anastasopoulos** (*Greece*), **Muriel Poli** (*France*)

- P2.01** A new paradigm targeting two glaucoma therapy dilemmas
Anastasios G. Konstas¹, Konstadinos G. Boboridis¹, Georgios Athanasopoulos¹, Anna-Bettina Haidich¹, Irini C. Voudouragkaki¹, Eirini Pagkalidou¹, Andreas Katsanos¹, L. Jay Katz² (¹Greece, ²USA)
- P2.03** Responder rate and investigator/patient-reported assessment of efficacy and tolerability regarding the preservative-free tafluprost/timolol fixed-dose combination in the treatment of open-angle glaucoma and ocular hypertension: country-level analysis from the VISIONARY study
Gabor Hollo¹, James Kirwan², Fernando Lopez-Lopez³, Marina Zimina⁴, Claudia Fassari⁵, Francesco Oddone⁶ (¹Hungary, ²United Kingdom, ³Spain, ⁴Russian Federation, ⁵Switzerland, ⁶Italy)
- P2.04** Baseline intraocular pressure affects treatment outcome with the preservative-free tafluprost/timolol fixed-dose combination in open angle glaucoma and ocular hypertension: subanalysis from the VISIONARY study
Gabor Hollo¹, James Kirwan², Fernando Lopez-Lopez³, Marina Zimina⁴, Claudia Fassari⁵, Francesco Oddone⁶ (¹Hungary, ²United Kingdom, ³Spain, ⁴Russian Federation, ⁵Switzerland, ⁶Italy)
- P2.05** Practice patterns for the treatment of glaucoma - Results from a survey among German ophthalmologists
Christian Wolfram, Alexander Schuster (*Germany*)
- P2.06** Ultrasound ciliary plasty in glaucoma treatment: a long-term follow-up study
Bartłomiej Bolek, Adam Wylegala, Edward Wylegala (*Poland*)
- P2.07** The protective role of fluvoxamine in fibrotic disorders of the eye
Minh Tran, Balázs Besztercei, Gyorgy Torok, Timea Medveczki, Illes Kovacs, Attila Szabo, Andrea Fekete, Judit Hodrea (*Hungary*)
- P2.08** The impact of MF-438 on the latent inflammation induced by preservative-free prostaglandin analog eyedrops
Joanna Machowicz¹, Anna Pacwa¹, Alicja Wojtyniak¹, Marita Pietrucha-Dutczak¹, Elisa Toropainen², Ali Koskela¹, Ewa Mrukwa-Kominek¹, Joanna Lewin-Kowalik¹, Adrian Smedowski¹ (¹Poland, ²Finland)
- P2.09** Incidence and factors associated with brimonidine allergy
Pattawee Pongpisitkul, Sunee Chansangpetch, Kitiya Ratanawongphaibul, Rath Ittipanichpong, Anita Manassakorn, Visanee Tantisevi, Prin Rojanapongpun (*Thailand*)
- P2.10** Patient adherence to glaucoma medication in glaucoma virtual clinic
Su Ling Young, Kelvin Cheng, Andrew Tatham (*United Kingdom*)
- P2.11** Correlating symptomatic ocular surface disease with clinical signs in glaucoma patients on chronic intraocular pressure lowering eyedrops
Fiona Pin Miao Lim, Catherine Willshire, Rupert Bourne (*United Kingdom*)
- P2.12** Anterior segment optical coherence tomography for tear meniscus evaluation and its correlation with number of glaucoma medications
Lidija Magarasevic, Isidora Janicijevic, Milos Plavsic (*Serbia*)
- P2.13** Aqueous misdirection post phaco-trab: AS-OCT imaging and successful management
Miguel Leitão, Francisco Alves, Guilherme Almeida (*Portugal*)
- P2.14** Effects of erythropoietin on neuroprotection in an experimental glaucoma model
Tolga Kocaturk, Yusuf Onay, Sinan Bekmez, Serhan Camoglu, Kemal Ergin (*Turkey*)

- P2.15** Functional analysis of glia cells in RGC using coculture system
Ji-Ae Ko, Akira Minamoto, Kaori Komatsu, Hideaki Okumichi, Yoshiaki Kiuchi (*Japan*)
- P2.16** Evaluation of neuroprotective and immunomodulatory properties of mesenchymal stem cells in an ex-vivo retinal explant model
Juliette Buffault, Reboussin Elodie, Brignole-Baudouin Françoise, Réaux-Le Goazigo Annabelle, Mélik-Parsadaniantz Stéphane, Christophe Baudouin (*France*)
- P2.18** In vitro evaluation of sodium hyaluronate protective effect against benzalkonium chloride
María Silvia Passerini, Florencia Sabbione, Alexia Vereertbrugghen, Melina Sol del Papa, Jeremias Galletti (*Argentina*)
- P2.19** Intraoperative OCT-assisted ophthalmic surgeries and its novel use in open angle glaucoma surgery: cases report
Jose Manuel Rodriguez Perez, Brenda Alegría García Loza (*Mexico*)
- P2.20** Bimatoprost implant effects on 24-hour intraocular pressure
Miriam Kolko¹, Robert Weinreb², William C. Christie², Felipe Medeiros², Randy Craven², Kimmie Kim², Ashley Nguyen², David Wirta² (¹*Denmark*, ²*USA*)
- P2.21** Efficacy and drug tolerability of preservative-free latanoprost-timolol fixed combination in glaucoma and ocular hypertension patients with existing ocular surface disease switched from the preserved prostaglandin analog-timolol fixed combinations
Sonja Jandrokovic, Sania Vidas Pauk, Dina Lešin Gacina, Ivan Škegro, Martina Tomic (*Croatia*)
- P2.22** The effect of antiglaucomatous drugs on central corneal thickness in patients with primary open-angle glaucoma: 5-year results of 1152 patients. Retrospective study
Mehmet Tahir Eski, Taha Sezer (*Turkey*)
- P2.23** Extended duration of IOP lowering with bimatoprost implant in a phase 3 clinical trials study extension
Andrew Tatham¹, Felipe Medeiros², W. Daniel Stamer Stamer², Saumya Nagar², Marina Bejanian², Suzanne Zheng², Michael R. Robinson², David Wirta² (¹*United Kingdom*, ²*USA*)
- P2.24** Wound healing response after minimally invasive glaucoma surgery in the rabbit
Ralph van Mechelen¹, Marjolein Verhesen-Herfs¹, Marion Gijbels¹, Christian Bertens¹, Leonard Pinchuk², Theo Gorgels¹, Henny Beckers¹ (¹*The Netherlands*, ²*USA*)
- P2.25** The influence of anti-hypertensive eye drops and preservatives in the ocular surface of primary open-angle glaucoma patients
André Ferreira, Ana Marta, João Heitor Marques, Catarina Castro, Diana José, Paulo Sousa, Isabel Neves, Maria João Menéres, Irene Barbosa (*Portugal*)
- P2.26** Magnesium supplementation does not influence circumpapillary vessel density in normal-tension glaucoma
Lukas Hoeflechner¹, Thomas Falb¹, Laura Posch-Pertl¹, Katharina Valentin¹, Marlene Lindner¹, Bujar Berisha¹, Leopold Schmetterer^{1,2,3}, Gernot Steinwender¹, Domagoj Ivastinovic¹, Nairz Manfred¹, Stephanie Sarny¹, Wolfgang List¹, Ewald Lindner¹ (¹*Austria*, ²*Singapore*, ³*Switzerland*)
- P2.27** The effect of metformin on glaucoma lamina cribrosa cells
Daire Hurley, Sophia Millington-Ward, Mustapha Irnaten, Gwyneth Jane Farrar, Colm O'Brien (*Ireland*)
- P2.28** Two-year results from a European Study of a supraciliary glaucoma drainage device in patients with open angle glaucoma
Philippe Denis¹, Christoph Hirneiß², Julian Garcia Feijoo³, Florent Aptel², Burkhard Dick², Norbert Pfeiffer² (¹*France*, ²*Germany*, ³*Spain*)
- P2.29** Eye surface status after therapeutic switch from bimatoprost 0.1 mg/ml with benzalkonium chloride or bimatoprost 0.3 mg/ml preservative-free to a new bimatoprost 0.1 mg/ml preservative-free: an observational study
Mariaelena Filippelli, Nicola Ciampa, Roberta Giannini, Gaetano Fioretto, Pier Franco Marino, Roberto dell'Omo, Giuseppe Campagna, Ciro Costagliola (*Italy*)

- P2.31** Efficacy and tolerability of netarsudil 0.02%/latanoprost 0.005% compared with bimatoprost 0.03%/timolol 0.5% in patients with open-angle glaucoma or ocular hypertension: findings from the MERCURY 3 study
Ingeborg Stalmans¹, Gabor Holló², Anton Hommer³, Jose I. Belda⁴, Francesco Oddone⁵ on behalf of the MERCURY 3 Study Group (¹Belgium, ²Hungary, ³Austria, ⁴Spain, ⁵Italy)
- P2.32** Preliminary results of a new long-tube glaucoma drainage device made from innovative materials: a short-term rabbit study
Christian Bertens, Ralph van Mechelen, Leonard Pinchuk, Jan de Boer, Jaap den Toonder, Henny Beckers (*The Netherlands*)
- P2.33** Management of uveitic glaucoma in South East of Serbia
Jasmina Djordjevic-Jocic, Predrag Jovanovic, Marija Trenkic, Sonja Cekic, Maja Zivkovic, Marija Radenkovic (*Serbia*)
- P2.35** Multiple surgical approach to ICE syndrome: report of an unexpected event
Jacobo Herrera Pereiro, Laura Guerrero Altares, José Javier San Román Llorens (*Spain*)
- P2.36** Traumatic hyphema and angle recession without glaucomatous optic neuropathy: a case report
Alejandro Pardo Aranda, Laura Sánchez Vela, Marta Garrido Marín, Rafael Fischer, Manuel Antonio Amilburu Pérez, Olivia Pujol Carreras¹, Jaime Rigo Quera, Marta Castany, Antonio Dou Sáenz de Vizmanos (*Spain*)
- P2.37** Peculiarity of the glaucoma care in Ukraine
Zoya Veselovskaya, Natalia Veselovskaya, Inna Zaporozhchenko (*Ukraine*)
- P2.38** Psychological aspects related to glaucoma in a developing country
Farah Akhtar, Madiha Aruj, Mahmood Ali (*Pakistan*)
- P2.39** Prescription burden of antiglaucoma drugs in a developing country
Farah Akhtar, Mahmood, Muhammad Sadiq (*Pakistan*)
- P2.40** Under-registration of visual impairment in glaucoma patients: why aren't we doing enough?
Omar Mostafa, Onyinye Akpenyi, Jaishree Gandhewar (*United Kingdom*)
- P2.41** Influence of pharmacological group in adherence to glaucoma medications in a wide population
Ignacio Pereira Gonzalez, Javier Benitez-del-Castillo Sanchez, Soledad Jimenez-Carmona, Juan Antonio Cordoba Doña (*Spain*)
- P2.42** Influence of preservatives and dose-format in adherence to glaucoma medications in a wide population
Javier Benitez-del-Castillo Sanchez, Ignacio Pereira Gonzalez, Soledad Jimenez-Carmona, Juan Antonio Cordoba Doña (*Spain*)
- P2.43** Prevalence of ocular hypertension/secondary glaucoma in uveitis
Irene Temblador-Barba, Javier Benitez-del-Castillo Sanchez, Alejo Rodriguez-Suarez, Alfredo Michan-Doña (*Spain*)
- P2.44** The recruitment process of an epidemiology study amidst the COVID19 pandemic: experience, challenges, learning points and preliminary data on glaucoma epidemiology
David Agius, Xeniya Fedoryak, Julian Mamo, Francis Carbonaro (*Malta*)
- P2.45** Publication and outcome reporting bias based on the registration status in glaucoma surgical trials: a systematic review
Reinemary Michael, Andrew Toren, Cape Leila, Hui Xin Zhang (*Canada*)

- P2.46** Eliciting preferences in glaucoma management - a systematic review of stated-preference studies
Lotte M.J. Scheres, Mickaël Hiligsmann, Brigitte Essers, Henny Beckers (*The Netherlands*)
- P2.47** Impact of minimally invasive glaucoma surgery on the ocular surface and quality of life in patients with glaucoma
Lee Jones, Natalia Maes, Umair Qidwai, Gokulan Ratnarajan (*United Kingdom*)
- P2.48** Glaucoma clinical research: trends in treatment strategies and drug development
Thuy Linh Tran, Line Storgaard, Josefine Clement Freiberg, Alexander Hauser, Miriam Kolko (*Denmark*)
- P2.49** Correlation between iris color and glaucoma type
Marija Bozic, Ivan Marjanovic, Vesna Maric (*Serbia*)
- P2.50** An audit to assess if our patients with glaucoma have informed the driving and vehicle licensing agency
Michelle Dinsdale, Hussameddin Muntasser, Anshoo Choudhary (*United Kingdom*)
- P2.51** Factors associated with corneal hysteresis in an elderly population: the Thessaloniki Eye Study
Rodanthi Christina Bartzoulidou¹, Anne L. Coleman², Alon Harris², M. Roy Wilson², Anna-Bettina Haidich¹, Theofanis Pappas¹, Dimitrios Giannoulis¹, Fei Yu², Anastasia Raptou¹, Grigoria Tzoanou¹, Fotis Topouzis¹ (¹Greece, ²USA)
- P2.52** Remote decision-making: the outcomes of a shifting paradigm
Diogo Matos, Rafael Correia Barão, Patrícia José, Miguel Santos, Rui Ferreira, André Diogo Barata, Luis Abegão Pinto (*Portugal*)
- P2.53** The performance of vertical cup-disc ratio on glaucoma diagnosis in a prevalence survey
Angeliki Salonikiou¹, Anne L. Coleman², M. Roy Wilson², Alon Harris², Panayiota Founti^{1,3}, Vassileios Kilintzis¹, Eleftherios Anastasopoulos¹, Fei Yu², Theofanis Pappas¹, Fotis Topouzis¹ (¹Greece, ²USA, ³United Kingdom)
- P2.54** Sociodemographic characteristics of glaucoma patients and quality of life in glaucoma
Gizem Sayar Bilgin, Serife Bayraktar, Belgin Izgi (*Turkey*)
- P2.55** Quality of life in patients requiring treatment for glaucoma and ocular hypertension: a time trade-off study
Atika Safitri¹, Evgenia Konstantakopoulou^{1,2}, Kuang Hu¹, Gus Gazzard¹ (¹United Kingdom, ²Greece)
- P2.56** Dietary nitrate intake is associated with decreased incidence of open-angle glaucoma
Joëlle Vergroesen¹, Tosca de Crom¹, Lauren Blekkenhorst², Trudy Voortman¹, Caroline Klaver^{1,3}, Wishal Ramdas¹ (¹The Netherlands, ²Australia, ³Switzerland)
- P2.57** Assessment of the impact of an add-on and its smartphone application on the daily management of glaucoma: a pilot study
Alice Bodeveix, Jean-Baptiste Dériot, Emmanuelle Albertini (*France*)
- P2.58** Cost-utility of trabecular bypass at the time of cataract surgery in a universal, single-payer health care system
Alp Atik¹, Eamonn Fahy² (¹Australia, ²United Kingdom)
- P2.60** IOP elevation after intravitreal injections with Ozurdex
Alberto Chierigo, Carlo Alberto Cutolo, Donatella Musetti, Raffaella Rosa, Massimo Nicolò, Carlo E. Traverso (*Italy*)
- P2.61** Secondary glaucoma in patients with familial amyloid polyneuropathy in Cyprus
Katia Papastavrou, Brian Gilbert Vinh, Eleni Papanicolaou Zamba, Theodoros Kyriakides, Theodoros Potamitis (*Cyprus*)
- P2.62** Teaching home tonometry using a remote video link
Catriona Barbour-Hastie, Andrew Tatham (*United Kingdom*)
- P2.63** A retrospective study to assess visual field improvement following augmented trabeculectomy
Clarissa Ern Hui Fang, Mohamad Tawfeek Hakim, Mubashir Siddiqui, Deborah Armstrong, Vikas Shankar (*United Kingdom*)

- P2.64** Glaucoma app as a tool for improvement of patients compliance
Zhamilya Sangilbayeva, Neilya Aldasheva (*Kazakhstan*)
- P2.65** Early detection of rapid glaucoma progression in elderly patients: a retrospective clinical study on 474 patients
Sidi Mohammed Ezzouhairi, Leila Naciri, Roula Jomaa (*Morocco*)
- P2.66** Use of a novel diagnostics sign-posting tool to streamline glaucoma virtual reviews
Binita Panchasara, Daniel Porter, Arnav Srivastava, Akil Kanani, Jason Chan, Lydia Chang (*United Kingdom*)
- P2.67** Effect of repeated intravitreal injections in glaucoma spectrum diseases
Rodrigo Vilares-Morgado¹, Vera Correia¹, Ana Filipa Moleiro¹, Flávio Alves¹, Antonio Melo¹, Sérgio Silva¹, Joana Rodrigues Araújo¹, João Tavares-Ferreira¹, Marta Silva¹, Amândio Rocha-Sousa¹, Angela Carneiro¹, João Barbosa Breda^{1,2} (¹*Portugal*, ²*Belgium*)
- P2.68** Concordance of intraocular pressure values obtained with the iCare HOME 2 and Goldmann applanation tonometry in healthy subjects
Josephine Wachtl, Darja Shajiei, Angelika Schuknecht, Lucas Bachmann, Christoph Kniestedt (*Switzerland*)
- P2.69** Ocular surface disease in virtual glaucoma clinic patients
Su Ling Young, Kelvin Cheng, Sarah Donaldson, Tej Rane-Malcolm, Andrew Tatham (*United Kingdom*)
- P2.70** Multiple MIGS: a retrospective comparative study
Mohammed Abu-Bakra, Abdus Samad Ansari (*United Kingdom*)
- P2.71** Long-term follow-up for patients with primary congenital glaucoma in Latvia
Eva Elksne, Arturs Ozolins, Sandra Valeina (*Latvia*)
- P2.72** Association between vascular and structural parameters by optical coherence tomography angiography in primary congenital glaucoma
Laura Morales-Fernandez, Cristina Ginés Gallego, Pilar Pérez García, José María Martínez-De-La-Casa, Julian Garcia Feijoo (*Spain*)
- P2.73** Macular and peripapillary angio OCT in subjects affected by chronic open angle glaucoma with localized perimetric damage
Massimo Savastano (*Italy*)
- P2.74** The forgotten follow up
Stefan Stefanov (*Bulgaria*)
- P2.75** Glaucoma risk prediction in ocular hypertension (GRIP): a real world data study using electronic medical records to validate a risk predictor for conversion to glaucoma
Augusto Azuara-Blanco¹, on Behalf of the GRIP study group GRIP (*United Kingdom*)
- P2.76** Comparison of iCare home rebound tonometry and clinic intraocular pressure measurement
Jasna Pavicic-Astalos, Emmanuel Ankamah, Rachel Taheny, Eugene Ng (*Ireland*)
- P2.77** Macular capillary perfusion density and macular vessel density in open angle glaucoma and ocular hypertension: a longitudinal study
Maria del Mar Schilt-Catafal, Vicente T. Pérez-Torregrosa, Antonio M. Duch-Samper (*Spain*)
- P2.78** Pigmentary open-angle glaucoma in Leber's hereditary optic neuropathy: case report
Mariana Portela, Marta Correia, Margarida Baptista, João Costa, Maria Patricio (*Portugal*)
- P2.79** Ab-interno canaloplasty standalone versus combined with cataract surgery - 36-month outcomes in 1000+ eyes
Mahmoud Khaimi (*USA*)
- P2.80** Plasma rich in growth factors as an adjuvant agent in non-penetrating deep sclerectomy
Pedro Pablo Rodriguez-Calvo, Ignacio Rodriguez-Una, Montserrat García, Hector Gonzalez-Iglesias, Andres Fernandez-Vega-Cueto, Jesus Merayo-Llves (*Spain*)



- P2.81** Intra-ocular pressure response to dexamethasone implant injections in patients with a history of filtering surgery: the TRABEX study
Amina Rezkallah, Philippe Denis, Kodjikian Laurent, Mathis Thibaud (*France*)
- P2.82** Changing prevalence of glaucoma-related vision loss in Europe over the last 20 years: findings from the Global Vision Database of the Vision Loss Expert Group
Rupert Bourne¹, Jost Jonas², Alain Bron³, Jaimie Steinmetz⁴, Paul Briant⁴, Tabassom Sedighi¹, Nicolas Leveziel³, Maria Cicinelli⁵, Luca Rossetti⁵, Ian Tappay¹, Serge Resnikoff⁶, Theo Vos⁴, Hugh Taylor⁶ (*¹United Kingdom, ²Germany, ³France, ⁴USA, ⁵Italy, ⁶Australia*)
- P2.83** Glaucoma conversion of the contralateral eye in unilateral normal-tension glaucoma patients: a 5-year follow-up study
Jin-Soo Kim, Hyuk Jin Choi, Ki Ho Park (*South Korea*)
- P2.84** Intraocular pressure fluctuation and rates of visual field progression in primary open-angle glaucoma: an exploratory analysis from the United Kingdom Glaucoma Treatment Study (UKGTS)
Alessandro Rabiolo, Giovanni Montesano, David Crabb, David Garway-Heath (*United Kingdom*)

Tuesday, 7 June 2022

**10:40
11:00**

Poster Session 3

Poster Area

COVID-related clinical experience | Genetics | Treatment - Surgery/Laser

Moderators: **Mario Economou** (*Switzerland*), **Stylianios Georgoulas** (*United Kingdom*),
Andrew Scott (*United Kingdom*)

- P3.01** A genome-wide association study for a corticosteroid-induced increase in intraocular pressure after using topical corticosteroids
Ilona Liesenborghs, van Beek Daan, Adriaens Michiel, Tos Berendschot, Theo Gorgels, Iris Boesten, Michiel Cornelissen, Wishal Ramdas, Rudy Nuijts, Henny Beckers, Carroll Webers, Lars Eijssen, Jan Schouten (*The Netherlands*)
- P3.02** Ocular severe involvement in oculofaciocardiodental syndrome: description of a case series
Ana Filipa Moleiro, Joana Santos Oliveira, Augusto Magalhães, Pedro Alves Faria, Fernando Falcão-Reis, Sérgio Estrela Silva (*Portugal*)
- P3.03** Genetics of congenital glaucoma in 31 Bulgarian patients
Neda Sergeeva, Stanislava Kostova, Kunka Kamenarova, Nevyana Veleva, Alexander Oscar (*Bulgaria*)
- P3.04** Axenfeld-Rieger syndrome associated glaucoma
Yoanna Kaneva, Nevyana Veleva, Alexander Oscar (*Bulgaria*)
- P3.05** MYOC gene mutation associated POAG: a study in two families of Czech origin
Andrea Vergaro, Marek Fichtl, Lucie Rezková, Jana Jedlicková, Lubica Dudakova, Petra Lišková (*Czech Republic*)
- P3.06** Retrospective analysis of telematic glaucoma clinic as a consequence of COVID-19 pandemic
Pau Romera Romero, Adrián Sánchez-Fortún Sánchez, Jéssica Botella García, Andres Fernandez-Vega-Cueto, Jordi Loscos Arenas (*Spain*)
- P3.07** Remote glaucoma patients postoperative follow-up using mobile gadgets
Galina Vashkevich (*Belarus*)
- P3.08** Optic nerve head changes measured with optical coherence tomography angiography in COVID-19 patients one year after infection
Beatriz Rodríguez Aguado, Elizabeth Salcedo Mafla, Bárbara Delás Alos, Mamen Carmona Orozco Mouafk Asaad (*Spain*)
- P3.09** Effect of the COVID-19 pandemic on progression to glaucoma surgery in patients followed up in a retina unit
Mustafa Kalayci, Birumut Gedik, Elcin Suren, Muhammet Kazim Erol (*Turkey*)
- P3.10** Peripheral laser iridoplasty in chronic narrow-angle glaucoma: anatomical results examined by sd anterior segment OCT
Massimo Savastano (*Italy*)
- P3.11** Difference in safety profile and intraocular pressure (IOP) changes during Ziemer LDV Z8 femtosecond laser pretreatment of cataract between eyes with primary angle closure disease and normal eyes
ZhuLi Yap, Wesley Chong, Tina Tzee Ling Wong (*Singapore*)
- P3.12** Surgical management of primary angle-closure glaucoma
Juan Carlos Izquierdo Villavicencio, Ariadne Cortes, Marta Hadid Dra, Mirel Rincon Sanchez (*Peru*)
- P3.13** Laser iridotomy versus combined phacoemulsification and viscogonioplasmy in treatment naïve primary angle closure patients: results from a tertiary centre in the UK
Suresh Thulasidharan, Aby Jacob, Francesco Stringa (*United Kingdom*)

- P3.14** Results after treatment with MicroShunt Preserflo® of refractory to medical treatment congenital glaucoma in a patient with mycosis fungoides included in clinical trial ASTX660
Marta Fernandez, Laura Guerrero, Irene Platas, Jacobo Herrera, Pedro Salva (Spain)
- P3.15** Evaluation of risk factors for failure in primary congenital glaucoma patients with 360 degree Ab externo suture trabeculotomy
Serhat Imamoglu, Yucel Ozturk, Süleyman Kugu (Turkey)
- P3.16** Challenges in artificial drainage system implantation in pediatric advanced secondary glaucoma
Anca Pantalon, Crenguta Feraru, Marius Giurgica, Dorin Chiselita (Romania)
- P3.17** Long term outcomes of primary deep sclerectomy in primary congenital glaucoma
Abdullah Bin Hemid, Ibrahim Aljadaan, Konrad Schargel, Adi Al Owaifeer, Ibrahim Al Obaida, Syed Khabir Ahmad, Mohanad Al Jetaily, Dr Eman AlHussain (Saudi Arabia)
- P3.18** Effectiveness and safety of the gel stent versus trabeculectomy in patients with primary open angle glaucoma: a 12-month randomized, multicenter study
Inder Singh¹, Vanessa Vera², Arhsam Sheybani², Gagan Sawhney², Xuemin Gu², Mark Gallardo² (¹USA, ²Venezuela)
- P3.19** Surgical outcome comparison between initial trabeculectomy and Ex-Press in terms of achieving an intraocular pressure of < 15 and 18 mmHg: a retrospective single center comparative study
Shunsuke Nakakura, Ryo Asaoka (Japan)
- P3.20** Eight-year outcomes of two first-generation trabecular micro-bypass stents (iStent) with phacoemulsification in primary open-angle glaucoma
Ali Salimi, Harrison Watt, Paul Harasymowycz (Canada)
- P3.21** The LiGHT trial 6-year follow-up results
Gus Gazzard¹, Evgenia Konstantakopoulou^{1,2}, Mariam Adelenke¹, Gareth Ambler¹, David Garway-Heath¹, Victoria Vickerstaff¹, Neil Nathwani¹ (¹United Kingdom, ²Greece)
- P3.23** Corneal endothelial cell loss after phacoemulsification and YAG-laser activation of trabecula in primary open-angle glaucoma and co-existing cataract
Tatiana Sokolovskaya, Valeriya Gutnik (Russian Federation)
- P3.24** Surgical outcomes of Xen45 gel stent implantation with the open conjunctiva approach in patients with primary open-angle glaucoma: a retrospective comparative study
Sangwoo Moon, Jiwoong Lee (South Korea)
- P3.25** Minimally invasive glaucoma surgery with three generations trabecular micro-bypass implants in combination with cataract surgery for glaucoma: results after 1 year
Henny Beckers, Lotte M.J. Scheres, Ronald de Crom (The Netherlands)
- P3.26** Intraoperative use of free conjunctival autograft in trabeculectomy due to acute conjunctival contraction
Dimitrios Alonistiotis, Antonios Manolakis, Dimitra Oikonomou, Petko Hristov, Panagiotis Theodossiadis (Greece)
- P3.27** The long term effect of ciliary body diode (cyclodiode) ablation on visual acuity in glaucoma patients
Jack West, Abhay Ghaiwal, Wai Siene Ng (United Kingdom)
- P3.28** Combined excimer laser trabeculostomy and phacoemulsification: three-year follow-up of intraocular pressure-lowering effect and endothelial cell loss
Eva Gonzalez Aquino, Antonio Moreno Valladares, Teresa Prieto Moran, Nieves Puerto Amorós, Francisca Gonzalez López, Mónica Martínez Díaz (Spain)
- P3.29** Safety and efficacy of PreserFlo MicroShunt in refractory glaucoma, a one year study
Antoine Labbe, Alexandre Majoulet, Pascale Hamard, Emmanuelle Brasnu-De Cenival, Christophe Baudouin (France)
- P3.30** Effectiveness and safety of the XEN 45 Gel Stent as a minimally invasive glaucoma surgery device in the management of open-angle glaucoma
Simon Neary, Edward Dervan (Ireland)

- P3.31** Goniotome I/A in the treatment of primary open-angle glaucoma
Antonios Manolakis, Dimitra Oikonomou, Maria Kouvari, Aggeliki Androu, Petko Hristov, Dimitrios Alonistiotis (*Greece*)
- P3.32** Hydrus microstent for patients with primary open-angle glaucoma combined with cataract surgery: primary results from a retrospective case series in England
Mohamed Elghobaier, Georgios Chatzithanas, Symeon Nicolaou, Yunfei Yang, Mahmoud Radwan, Achyut Mukherjee, Chrysostomos Dimitriou (*United Kingdom*)
- P3.33** Efficacy and safety of phacoemulsification associated with iStent Inject W® in patients with controlled open-angle glaucoma
Yanis Louanchi, Emmanuelle Brasnu-De Cenival, Pascale Hamard, Vittoria Aragno, Christophe Baudouin, Antoine Labbe (*France*)
- P3.34** A prospective, 24-month evaluation of subjects with mild to moderate open-angle-glaucoma treated with the OMNI® surgical system as standalone procedure
Karsten Klabe, Andreas Fricke (*Germany*)
- P3.35** PreserFlo MicroShunt - the better trabeculectomy? Our long-term results with the microshunt in surgical glaucoma therapy
Jan Philipp Werth, Andreas Fricke, Karsten Klabe (*Germany*)
- P3.36** 5 years-results of combined cataract surgery with iStent Inject W® in patients with cataract and open angle glaucoma
Hakan Kaymak, Andreas Fricke, Karsten Klabe (*Germany*)
- P3.37** Long-term survival analysis of the effectiveness of PreserFlo MicroShunt in open-angle glaucoma patients
Cristina Ginés Gallego, Antonio Pascual-Santiago, Jacobo E. Enríquez-Fuentes, Jose Martinez-de-la-Casa, Julian Garcia Feijoo (*Spain*)
- P3.38** Dual blade goniotomy in addition to usual fenestrating slits to enhance early intraocular pressure lowering in non-valved aqueous shunt surgery for primary open angle glaucoma
Mary Qiu, Saira Khanna, June Si, Christos Theophanous (*USA*)
- P3.39** Effect of Kahook Dual Blade (KDB) ab-interno trabeculectomy on tonographic outflow facility compared to iStent Inject
Thomas Sherman, Anindyt Nagar, Saurabh Goyal, Emily Dowse, Elizabeth Galvis, Andrew Amon, Shireen Ognjenovic, Pouya Alaghband, Sheng Lim (*United Kingdom*)
- P3.40** 3-year outcomes of excisional goniotomy with the Kahook Dual Blade for glaucoma in Bolivia
Manuel Justiniano (*Bolivia*)
- P3.41** Effects of socioeconomic status on baseline values and outcomes at 24 months in the treatment of advanced glaucoma study (TAGS)
Anthony King, Jemma Hudson, Augusto Azuara-Blanco, James Kirwan, K. Sheng Lim, Saurabh Goyal, Graeme MacLennan (*United Kingdom*)
- P3.42** Early results of irrigating goniotomy with TrabEx+: a novel device for the treatment of open-angle glaucoma
Haoyu Wang, Daniel Gosling, Graham Auger (*United Kingdom*)
- P3.43** Double is better than one
Mauro Fioretto, Matteo Orione, Andrea Grosso (*Italy*)
- P3.44** Will the PreserFlo™ MicroShunt replace trabeculectomies? Results of a UK and Éire Glaucoma Society (UKEGS) Survey
Matthew Kuet, Anthony King, Augusto Azuara-Blanco, Keith Barton (*United Kingdom*)

- P3.45** Trabecular microbypass iStent Inject W implantation combined with cataract surgery in open-angle glaucoma eyes - 12-month outcomes
Ismael Bakkali El Bakkali, Elena Pardina, Ana Boned-Murillo, Pablo Cisneros, Eva Josefina Núñez Moscarda, José Ignacio Sánchez Marín, Itziar Pérez, Juana Martínez, Juan Ibañez (Spain)
- P3.46** Canaloplasty and trabeculotomy with the OMNI system in pseudophakic patients with open-angle glaucoma: the ROMEO II study
Jaime Dickerson, Kavita Dhamdhere, Daniel Terveen (USA)
- P3.47** Trabeculectomy versus the PreserFlo MicroShunt: a comparison of their efficacy and safety at Addenbrooke's Hospital, Cambridge University Hospitals (CUH) NHS Foundation Trust
Disha Singhanian, Tasneem Khatib, Geoffrey Chan, John Britton, Stylianos Georgoulas, Fiona Lim, Sherif Mohamed, Humma Shahid, Ian Tapply, Rupert Bourne (United Kingdom)
- P3.48** Changes in corneal endothelial cell density after aqueous shunt surgery and trabeculectomy in patients of Black African or African-Caribbean origin: 1 year follow-up
Andrew Swampillai, Pirro Hysi, Irfan Versi, Anindyt Nagar, Emily Dowse, Andrew Amon, Elizabeth Galvis, Sheng Lim (United Kingdom)
- P3.49** Trabeculectomy versus XEN gel implant for the treatment of open-angle glaucoma: a 4-year retrospective analysis
Ilaria Di Mola, Francesca Cappelli, Carlo Alberto Cutolo, Chiara Pizzorno, Carlo E. Traverso (Italy)
- P3.50** Micropulse laser trabeculoplasty (MLT): a promising treatment for open angle glaucoma
Eirini-Christina Christodoulaki, Athina Athanasiou, Konstantina Mouriki, Dimitra Kavroulaki, Michael Zentelis (Greece)
- P3.51** Surgical outcomes of ab interno viscocanaloplasty (ABIC) combined with cataract surgery in open-angle glaucoma: 36-month results
Kevin Gillmann¹, Jean-Marc Baumgartner², Laëtitia Niegowski² (¹United Kingdom, ²Switzerland)
- P3.52** XEN-augmented deep sclerectomy: surgical outcomes and comparison with non-penetrating deep sclerectomy at 6 months
Kevin Gillmann^{1,2}, Jean-Marc Baumgartner², Laëtitia Niegowski² (¹United Kingdom, ²Switzerland)
- P3.53** 8-year follow-up of excimer laser trabeculostomy (ELT): clinical outcomes
Michael S. Berlin, Ryan Lamrani, Anne Nguyen, Rebecca Doan, Emily Chen, Brian Simon, Jonathan Shakibkhou, Sylvia Groth (USA)
- P3.54** Choroidal effusion and hypotony maculopathy after PreserFlo MicroShunt
Irena Serov-Volach, Chris Panos (United Kingdom)
- P3.55** Shallow anterior chamber as a complication after trabeculectomy in a patient with primary open angle glaucoma and chronic anterior uveitis
Kristina Belcheva (Bulgaria)
- P3.56** Surgical outcomes of Schlemm's canal peeling in eyes with open-angle glaucoma
Alev Ozcelik Kose, Raziye Donmez Gun, Serhat Imamoglu, Süleyman Kugu (Turkey)
- P3.57** Long term survival of filtering bleb after trabeculectomy surgery in cataract patients
Alikí Liaska (Greece)
- P3.58** Efficacy of phacoemulsification and phacoemulsification in combination with goniosynechiolysis in the surgical treatment of chronic angle-closure glaucoma: 2-years study
Ihor Novytsky, Rostyslav M. Lopadchak (Ukraine)
- P3.59** Long-term effectiveness and safety of early lensectomy in patients with pseudoexfoliation
Ignacio Rodriguez-Una, Pedro Pablo Rodriguez-Calvo, Montserrat García, Andres Fernandez-Vega-Cueto, José Alfonso (Spain)
- P3.60** Micropulse transscleral cyclophotocoagulation (MP-TSCPC) in patients with glaucoma and ocular cicatricial pemphigoid
Celina Logioco, Noelia Podesta, Leila Galetto, Azul Rodriguez Libarona, Florencia Valvecchia, Virginia Zanutigh (Argentina)

- P3.61** PreserFlo MicroShunt for secondary glaucoma in patients with hereditary transthyretin amyloidosis: initial results
Elodie Da Cunha, Emmanuel Barreau, Jérôme Joffre, Pierre-Emmanuel Remongin, Nicolas Mesplié, Marc Labetoulle, Antoine Rousseau (France)
- P3.62** PreserFlo MicroShunt® implanted in a patient with a bilateral scleromalacia perforans
Adrián Sánchez-Fortún Sánchez, Pau Romera Romero, Jéssica Botella García, Marta Balboa, Jordi Loscos Arenas (Spain)
- P3.63** From one tube to another. Exchanging an Ahmed valve for a Baerveldt shunt in a secondary glaucoma
Chryssa Terzidou, Alexandra Trivli, Georgios Dalianis (Greece)
- P3.64** Non-penetrating deep sclerectomy with Nd:YAG laser goniopuncture versus trabeculectomy in patients with secondary glaucoma after silicone oil removal
Maryna Karliychuk, Serhii Pinchuk (Ukraine)
- P3.65** Prompt primary cyclophotocoagulation with subsequent aqueous shunt as needed for neovascular glaucoma with synechial angle closure
Jessie Wang, Mary Qiu (USA)
- P3.66** Clinical outcomes of Ahmed glaucoma valve implantation in secondary glaucomas at Hospital Pedro Hispano
Rita Basto, Renato Barbosa, Rita Viana, Alexandre Silva, Carolina Vale, Rita Gonçalves, Ricardo Bastos, Paula Tenedório (Portugal)
- P3.67** The management of uveitic glaucoma with PAUL® glaucoma implant
Filofteia Tacea, Neeru Vallabh, Kenneth Yau, Cecilia Fenerty, Fiona Spencer, Leon Au (United Kingdom)
- P3.68** Feasibility, efficacy and safety of early lens extraction in patients with pseudoexfoliation glaucoma: a feasibility and pilot study
Sara Pose-Bazarra¹, Maria Jesus Lopez-Valladares¹, Ignacio López-de-Ullibarri¹, Augusto Azuara-Blanco² (¹ Spain, ² United Kingdom)
- P3.69** Methods for treatment of secondary uncompensated glaucoma
Begimai Kasygulova, Tatiana Lubimova (Russian Federation)
- P3.70** Changes in anterior segment parameters after phacoemulsification in patients with pseudoexfoliation glaucoma versus patients with primary open-angle glaucoma and normal subjects
Hatice Tekcan, Serhat Imamoglu, Süleyman Kugu (Turkey)
- P3.71** Challenges in combined Ahmed valve and phacoemulsification with intraocular lens implantation in secondary glaucoma
Dorin Chiselita, Madalina Balha, Anca Pantalon (Romania)
- P3.72** Glaucoma surgery in secondary uveitic glaucoma in children with juvenile idiopathic arthritis
Eva Skrla, Otakar Dušek, Petra Svozilkova, Jarmila Heissigerova, Marek Fichtl (Czech Republic)
- P3.74** Combined Ahmed valve/gonioscopy-assisted transluminal trabeculotomy: a novel surgical technique for advanced open angle glaucoma
William Trask, Ammar Khan, Andrew Crichton (Canada)

Tuesday, 7 June 2022

16:45 17:15	Poster Session 4	Poster Area
Treatment - Surgery/Laser		
Moderators: Delphine Bifrare (Switzerland), Maria Da-Luz Freitas (Portugal), Stylianos Kandarakis (Greece)		
P4.01	OCT-A analysis of filtration bleb vascularization after Santen PreserFlo Microshunt implantation Martin Kallab, Sophie Beka, Anna Reisinger, Matthias Bolz, Clemens Strohmaier (Austria)	
P4.02	Non-penetrating deep sclerectomy versus standalone XEN gel stent: a retrospective comparative study Arnaud Touboul, Yves Lachkar (France)	
P4.03	Long-term outcomes of micropulse transscleral cyclophotocoagulation in a tertiary hospital Júlio Almeida, Maria Teixeira Dias, Catarina Monteiro, Rita Basto, Ana Sofia Lopes, Fernando Vaz, Isabel Prieto (Portugal)	
P4.04	Trabeculectomy surgical skill training program aimed at 3 rd year residents and fellows, performed at Hospital Italiano de Buenos Aires, on animal eye models Arturo Burchakchi, Agustina de Gainza, Franco Hernandez (Argentina)	
P4.05	The Moorfields safer surgery system trabeculectomy surgical outcomes: a 10-year retrospective study Catarina Monteiro, Júlio Almeida, Joana Roque, Mário Ramalho, Ana Sofia Lopes, Fernando Vaz, Isabel Prieto (Portugal)	
P4.06	Postoperative assessment following iStent Inject W implant with NIDEK GS-1 automated gonioscopy Irena Serov-Volach, Bhagyashree Joshi, Aby Jacob, Francesco Stringa (United Kingdom)	
P4.07	Smart app to predict best personalized minimally invasive glaucoma treatment (iMIGS) Umair Qidwai, Uvais Qidwai, Gokulan Ratnarajan (Qatar)	
P4.08	The effect of different post-selective laser trabeculoplasty treatment modalities on intra-ocular pressure reduction Ahmed Wanas, Max Davidson, Simon Ruben (United Kingdom)	
P4.09	A retrospective review of PreserFlo MicroShunt surgery at a single surgical centre in England Symeon Nicolaou, Chrysostomos Dimitriou, Achyut Mukherjee, Mahmoud Radwan, Georgios Chatzithanasis, Mohamed Elghobaier, Yunfei Yang, Asad Zaheer (United Kingdom)	
P4.10	Intermediate-term outcomes of combined phacoemulsification with ab interno excisional goniotomy with the Kahook Dual Blade Theodoros Filippopoulos¹, Dimitrios Tsoukanas¹, Sotiria Palioura², Dimitra Kopsini¹, Gerasimos Kopsinis¹ (¹ Greece, ² USA)	
P4.11	Selective laser trabeculoplasty (SLT) as an adjunct therapy in advanced pseudoexfoliative glaucoma and advanced primary open angle glaucoma Inbar Gur, Eran Berkowitz, Maroun Khreish, Islam Al-Hashash, Avi Schwalb, Inbar Waizer, Beatrice Tiosano (Israel)	
P4.12	Goniotomy with Kahook Dual Blade in medically uncontrolled glaucoma Anna Barkander, Gauti Jóhannesson, Mario Economou (Sweden)	
P4.13	Short term safety and efficacy of the PreserFlo MicroShunt in high risk glaucoma patients who have undergone conjunctival scarring procedures including: trabeculectomy, tube surgery and diodes Ishani Barai, Ahmed Al-Nahrawy, Sally Ameen, Faisal Ahmed (United Kingdom)	
P4.14	Efficacy and safety of combined 27-G vitrectomy and Ahmed valve using same sclerotomy site for the tube placement: a case series Francesc Franquesa Garcia, Nestor Ventura Abreu, Joan Giralt, Anna Sala-Puigdollers, Marta Pazos (Spain)	

- P4.15** Two-year safety and efficacy results of a supraciliary drainage device in patients with open angle glaucoma - a meta-analysis from STAR-I, STAR-II and STAR-III trials
Antonio Maria Fea (*Italy*)
- P4.16** Descemet membrane detachment after non-penetrating deep sclerectomy associated to increased pressure in the scleral lake
Laia Jaumandreu, Laura Diez Alvarez, Cristina Ye Ye Zhu, Gema Rebolleda Fernández, Francisco José Muñoz Negrete (*Spain*)
- P4.17** Transient ciliochoroidal detachment after microhook ab interno trabeculotomy
Kazuyuki Hirooka, Fumiya Miyako, Hiromitsu Onoe, Naoko Okada, Hideaki Okumichi, Yoshiaki Kiuchi (*Japan*)
- P4.18** Ultrasound cycloplasty using high-intensity focused ultrasound in open angle glaucoma myopic patients
Michele Figus, Alessandro Palma, Giuseppe Covello, Chiara Posarelli (*Pisa*)
- P4.19** Five-year results with the PreserFlo™ MicroShunt for surgical treatment of glaucoma
Stefani Kujovic, Lotte M.J. Scheres, Ronald de Crom, Carroll Webers, Henny Beckers (*The Netherlands*)
- P4.20** Expert consensus on the use of the PreserFlo™ MicroShunt device in the treatment of glaucoma: a modified Delphi Panel
Anthony Khawaja¹, Ingeborg Stalmans², Florent Aptel³, Keith Barton¹, Henny Beckers⁴, Thomas Klink⁵, Giorgio Marchini⁶, Jose Martinez-de-la-Casa⁶, Jan Henrik Simonsen⁷, Marc Toeteberg-Harms^{8,9}, Clemens Vass¹⁰, Luis Abegão Pinto¹¹ (¹United Kingdom, ²Belgium, ³France, ⁴The Netherlands, ⁵Germany, ⁶Spain, ⁷Denmark, ⁸Switzerland, ⁹USA, ¹⁰Austria, ¹¹Portugal)
- P4.21** GLAUrious, a multicentre, randomised, controlled non-inferiority study of direct selective laser trabeculoplasty in open angle glaucoma
Gus Gazzard, GLAUrious Study Group (*United Kingdom*)
- P4.22** Combined excimer laser trabeculostomy and phacoemulsification: a multicenter real-world data study
Antonio Moreno Valladares, Ester Roquet, Maribel Canut, Eva Gonzalez Aquino, Nieves Puerto Amorós, Francisca Gonzalez López, Teresa Prieto Moran, Marta Mármol, Federico Trejos, Francisco Ruiz Tolosa, Mónica Martínez Díaz (*Spain*)
- P4.23** Antimicrobial activity of topical ophthalmic anesthetics and topical ophthalmic antiseptics against microorganisms, received from the patients prior glaucoma filtering surgery
Halyna Nazarchuk, Oleksandr Nazarchuk, Uliana Babina (*Ukraine*)
- P4.24** Postoperative pain after different transscleral laser cyclophotocoagulation procedures
Thomas Falb, Lukas Hoeflechner, Astrid Heidinger, Fabian Wallisch, Hrvoje Tomašić, Domagoj Ivastinovic, Ewald Lindner (*Austria*)
- P4.25** Sutureless deep sclerectomy with fibrin sealant (Tisseel) - preliminary outcomes
Alina-Dana Baxant, Lucie Holubova, Patrik Pluhovsky, Pavel Studeny (*Czech Republic*)
- P4.26** The eyePlate-300 implant: results in refractory glaucoma
Syed Ahmed, Simrun Virdee, Ahmed Al-Nahrawy, Ahmed Mazrouaa, Faisal Ahmed (*United Kingdom*)
- P4.27** Analysis of a series of patients who underwent PAUL glaucoma implant surgery and removal of the tutor before the third postoperative month
Elena Milla, Francesc Franquesa Garcia, Jordi Izquierdo Serra, Valeria Constanza Opazo Toro (*Spain*)
- P4.28** Usefulness of guided implantation of Ahmed glaucoma valve
Chang Kyu Lee, Ji Hyoung Chey (*South Korea*)
- P4.29** Real world efficacy and safety of XEN45 secondary bleb needling
Mordechai Goldberg^{1,2}, Eran Berkowitz^{1,2}, Simon Ruben¹ (*United Kingdom, ²Israel*)

- P4.30** Evaluation of selective laser trabeculoplasty effectiveness in patients with ocular hypertension and open-angle glaucoma
Dmytro Martynov, Ostap Horobiuk, Vitalina Horobiuk, Oleh Horobiuk (*Ukraine*)
- P4.31** The management of neovascular glaucoma: a systematic review and meta analysis of randomised controlled trials
Saajan Ramji, Gurnoor Nagi, Abdus Samad Ansari, Obed Kailani (*United Kingdom*)
- P4.32** Micropulse trans-scleral cyclophotocoagulation (MPTCP) versus continuous wave trans-scleral cyclophotocoagulation (TCP) in eyes with glaucoma - the Diode in Glaucoma Study (DIGS)
Jayant Venkatramani Iyer, Xianhui Lim, Olivia Shimin Huang, Tina Tzee Ling Wong (*Singapore*)
- P4.33** Impact of PreserFlo® MicroShunt on the corneal endothelial cells
Caroline Gassel, Karl Ulrich Bartz-Schmidt, Bogomil Voykov (*Germany*)
- P4.34** Reoperations for complications after gel stent implantation or trabeculectomy
Carlo Alberto Cutolo, Michele Iester, Ilaria Di Mola, Carlo Catti, Chiara Pizzorno, Chiara Bonzano, Alessandro Bagnis, Carlo E. Traverso (*Genoa*)
- P4.35** Efficacy and safety of application of MMC 0.4 mg/mL for 5 minutes with PreserFlo MicroShunt
Eamonn Fahy, Anurag Garg, Sheng Lim (*United Kingdom*)
- P4.36** Differences in outcomes of ab externo trabeculectomy performed by residents versus assistants
Mário Lima-Fontes¹, Ana Faria-Pereira¹, Mariana Leuzinger Dias¹, Marta Silva¹, João Barbosa Breda^{1,2}, Joana Rodrigues Araújo¹, Sérgio Silva^{1,3}, António Melo^{1,3}, Flávio Alves¹, João Tavares-Ferreira¹ (¹Portugal, ²Belgium, ³Portugal)
- P4.37** Modified technique of Ex-Press filtration device combined with a scleral pocket for severe open angle glaucoma: the experience of a tertiary center
Rita Vieira, Miguel Afonso, Ana Figueiredo, Rita Reis, Isabel Sampaio, Maria João Menéres (*Portugal*)
- P4.38** Intraoperative downsizing of the Baerveldt implant plate in elderly patients with short eyes
Juha Välimäki (*Finland*)
- P4.39** A simple surgical solution for the treatment of persistent postoperative hypotony after PreserFlo MicroShunt implantation
Soledad Aguilar Munoa, Yih-Horng Tham, Keith Barton (*United Kingdom*)
- P4.40** Dilated, atonic pupil after micropulse transscleral laser treatment
Alexander Cunea^{1,2}, Ahmed Al-Nahrawy^{2,3}, Nada Mohamed², Mahmoud Radwan², Faisal Ahmed², Laura Crawley², Philip Bloom² (¹Germany, ²United Kingdom, ³Egypt)
- P4.41** Is trabeculectomy associated with an improvement in circumpapillary RNFL or macular GCIPL thickness?
Tej Malcolm, Andrew Tatham (*United Kingdom*)
- P4.42** Ahmed clearpath in refractory glaucoma: 2 year follow up of safety and efficacy
Sybil Dorairaj, Leticia Checo, Richard Ten Hulzen, Isabella Wagner, Abhimanyu Ahuja, Aarav Patel (*USA*)
- P4.43** PreserFlo as a rescue surgical technique. Results after six months
Jéssica Botella García, Jordi Loscos Arenas, Pau Romera Romero, Adrián Sánchez-Fortún Sánchez, Andres Fernandez-Vega-Cueto (*Spain*)
- P4.44** Efficacy and safety of the XEN45 implant at 4 years
Victor Mallén Gracia, Maria Pilar Bambó Rubio, María José Vicente Altabás, Jacobo Yañez Merino, Alvaro Tello, Andrés Biescas (*Spain*)
- P4.45** Intraocular pressure control, bleb morphology and adverse effects after trabeculectomy with adjunctive use of Mitomycin - C and bevacizumab
Pir Salim Mahar (*Pakistan*)

- P4.46** Systematic review of the method and quality of reporting of complications from studies evaluating innovative glaucoma surgical procedures
Jonathan Bonnar, Augusto Azuara-Blanco (*United Kingdom*)
- P4.47** IStent Inject: our results
Valeria Opazo Toro, Maria Jesus Muniesa, Georgina Casanovas, Nestor Ventura Abreu, Elena Milla, Marta Pazos (*Spain*)
- P4.48** Hydraulic conductivity of the filtering bleb wall with the PreserFlo MicroShunt: objective mathematical measurement of bleb function
Marta Ibarz Barberá, Jean Bragard, Fatima Martinez Galdon, Jose Luis Hernandez Verdejo, Laura Morales Fernández, Pedro Tañá Rivero, Miguel Teus Guezala (*Spain*)
- P4.49** Is direct anaesthetic support needed for all Baerveldt tube surgery?
Yingjia Yang, James Kirwan (*United Kingdom*)
- P4.50** Long term effects of trabeculectomy on visual field progression across two centres in the United Kingdom: a 10 year follow up
Yingjia Yang, Matthew Shah, Hannaa Bobat, Anastasios Sepetis, Peter Shah, James Kirwan (*United Kingdom*)
- P4.52** Surgical outcome of Molteno3 in uncontrolled glaucoma
Carlos A. Arciniegas-Perasso, Susana Duch, Osvaldo Guevara-Chavarría (*Spain*)
- P4.53** 10+ year clinical outcomes of tube shunt surgery on glaucomatous patients
Ryan Lamrani, Jae Chiang Wong, Daniel Lee, Jonathan S. Myers (*USA*)
- P4.54** Efficacy and safety of a novel Ahmed valve implantation technique: a 5-year retrospective study
Stefano Gandolfi, Luigi Varano, Nicola Ungaro, Paolo Mora, Viola Tagliavini, Salvatore Tedesco (*Italy*)
- P4.55** Trabeculectomy vs non-penetrating deep sclerectomy for the surgical treatment of open-angle glaucoma: a long-term report of 201 eyes
Renato Barbosa, Rita Gonçalves, Ricardo Bastos, Sara Pereira, Rita Basto, Rita Viana, Paula Tenedório (*Portugal*)
- P4.56** XEN in the management of early glaucoma surgery: a national Delphi consensus study
Jose Martinez-de-la-Casa, Jose Manuel Larrosa, Rafael Gimenez, Francisco Javier Goñi, Elena Milla, Marta Pazos, Susana Perucho Martinez, J. Aritz Urcola (*Spain*)
- P4.57** Trab vs PhacoTrab: is a bird in the hand better than two in the bush?
Francisco Alves, Júlio Brissos, Guilherme Almeida, Miguel Leitão, Catarina Rodrigues, Manuel Marques, Carlos Perpétua, Joana Valadares, Jorge Godinho, José Fernandes, João Segurado (*Portugal*)
- P4.58** Micro-pulse cyclophotocoagulation in the treatment of various types of refractory glaucoma
Igor Shiryayev, Marina Pravosudova (*Russian Federation*)
- P4.59** The expansion of the criteria for Ahmed glaucoma valve implantation
Evgeniya Oblovatskaya, Vadim Nikolaenko (*Russian Federation*)
- P4.60** Preliminary results of a new technique for ab externo implantation of the XEN gel stent performed at the slit lamp (SLX)
Nima Shahi (*Canada*)
- P4.61** Serous choroid detachment after glaucoma filtering surgery: series of 23 eyes
Fernando Trejo, Francesc Xavier Garrell, Marta Castany, Jaume Rigo, Antoni Dou (*Spain*)
- P4.62** Use of ologen implant in glaucoma filtration surgeries: a six-months follow up
Stefany Montoya Ortega, Cristina Castella Capsir, Manuel Alexander Castro Diaz, Beatriz Torrellas Darvas (*Spain*)
- P4.63** Outcomes of eyeWatch valve implantation for refractory glaucoma
Segolene Roemer, André Mermoud (*Switzerland*)



- P4.64** Safety profile and efficacy of trabecular micro-bypass system iStent™ experience from a single centre in UK
Bhagyashree Joshi, Suresh Thulasidharan, Francesco Stringa, Richard Imonikhe, Nishani Amerasinghe, Aby Jacob (*United Kingdom*)
- P4.65** Study of the efficacy of selective laser trabeculoplasty in ocular hypertension and glaucoma
Alfonso Rubio Reina, Oier Pérez Díaz, Javier Guzmán, Carlos Lázaro García (*Spain*)
- P4.66** Short- to medium-term outcomes of Kahook Dual Blade excisional goniotomy with concomitant phacoemulsification: a pan-Canadian study
Ali Salimi, Lautaro Vera, Rob Pintwala, Oscar Kasner, Marc Mydlarski, Steven Schendel, Dima Kalache, Paul Harasymowycz (*Canada*)
- P4.67** Efficacy of micropulse laser trabeculoplasty in Asian patients: results at 6-9 months
Michele Pei Wen Leong, Seng Kheong Fang, Eng Hui Gan, Wen Wei (David) Woo (*Malaysia*)
- P4.68** Efficacy and outcomes of Nd:YAG laser goniopuncture after nonpenetrating deep sclerectomy
Ana Vale, Rita Gonçalves, Ricardo Bastos, Renato Barbosa, Rita Basto, Paula Tenedório (*Portugal*)
- P4.69** Outcomes of filtering surgery with collagen matrix implant (Ologen®) and mitomycin C (MMC) versus MMC alone
Maria Jesus Muniesa, Valeria Opazo Toro, Marta Pazos, Elena Milla, Nestor Ventura Abreu (*Spain*)
- P4.70** Outcomes of micropulse transscleral cyclophotocoagulation in patients with end-stage glaucoma: early-term results
Begum Sulanc, Elif Erdem, Ibrahim Inan Harbiyeli, Meltem Yagmur, Nazlı Totik (*Turkey*)
- P4.71** XEN ab externo and ab interno: comparison of safety and efficacy between both approaches
Yann Bertolani, Marta Castany Aregall, Natalia Anglada, Julia Angrill, Liliana Gutuleac (*Spain*)
- P4.72** Long term surgical results of nonpenetrating deep sclerectomy using the Ologen implant vs. the ESNOPER V2000 implant
Xavier Garrell Salat, Jaume Rigo, David Aragón Roca, Sandra Banderas García, Fernando Trejo, Marta Castany (*Spain*)
- P4.73** Intraocular pressure outcomes and failure risk factors of non penetrating deep sclerectomy: the AGORA registry study
Cédric Schweitzer, Melanie Le Goff, Cindya Achoun, Ewen Le-Quilliec, Charlotte Kalisky, Emilie Tournaire-Marques (*France*)
- P4.74** Prospective evaluation of micropulse diode transscleral cyclophotocoagulation in uncontrolled glaucoma patients: a case series
Marta Garrido Marín, Laura Sánchez Vela, Rafael Fischer, Alejandro Pardo Aranda, Jaume Rigo, Manuel Antonio Amilburu Pérez, Antoni Dou, Marta Castany, Olivia Pujol Carreras (*Spain*)
- P4.75** Registry study of two trabecular micro-bypass iStents® implantation combined with cataract surgery in various glaucoma types and severities: long-term real-life outcomes
Assoun Marine, Audrey Coughard-Gregoire, Charlotte Kalisky, Emilie Tournaire-Marques, Melanie Le Goff, Cédric Schweitzer (*France*)
- P4.76** Choice of anaesthetic technique for trabeculectomy surgery and analysis of post-operative outcomes
Priyanka Asodaria, Jia Ng, Gerassimos Lascaratos, Sameer Trikha, Avi Kulkarni (*United Kingdom*)
- P4.77** Effect of the Prolene stent suture on the Baerveldt tube tip position
Chandni Nigam, Jia Ng, Lauren Van Lancker, Sameer Trikha, Avinash Kulkarni, Gerassimos Lascaratos (*United Kingdom*)
- P4.78** Early results of PreserFlo microshunt to control intraocular pressure in eyes with previous failed trabeculectomy
Jia Ng, Gerassimos Lascaratos, Sameer Trikha, Avi Kulkarni (*United Kingdom*)

- P4.79** Surgical outcomes of phacoemulsification combined with iStent considering ethnic background, at a tertiary referral hospital
Hannah Degg, Amruni Choudhari, Jia Ng, Garth Johnston, Nikistratos Yfantis, Gerassimos Lascaratos, Sameer Trikha, Avi Kulkarni (*United Kingdom*)
- P4.80** Five-year outcomes of XEN gel stent surgery in patients with open-angle glaucoma
Julien Torbey, Giorgio Enrico Bravetti, Harsha L. Rao, Kevin Gillmann, Archibald Paillard, Enrico Meduri, André Mermoud, Kaweh Mansouri (*Switzerland*)
- P4.81** A biomaterial drug-eluting device for reducing post-trabeculectomy inflammation and fibrosis
Mark Lemoine, Nina Pohler, Zulal Demir, Colm O'Brien, Fergal O'Brien, Alan Hibbitts (*Ireland*)
- P4.82** Magnetic resonance imaging of glaucoma drainage devices
Rafael Correia Barão, David Berhanu, Diogo Bernardo Matos, André Diogo Barata, Rita Sousa, Luis Abegão Pinto (*Portugal*)



13:00 14:00	Parallel Industry Session Glaukos Trabecular Micro-Bypass; life in the real world	Skalkotas
	Introduction and welcome	Henny Beckers (The Netherlands)
	Why is real world data important for glaucoma?	Albert S. Khouri (USA)
	What is real world data teaching us?	Sayeh Pourjavan (Belgium)
	How to use Trabecular Micro-Bypass in the real world?	Robert Petrarca (United Kingdom)
	Q & A	
	Closing	



13:00 14:00	Parallel Industry Session Allergan, an AbbVie Company Update on medical and surgical therapies in glaucoma - everyday management and the new XEN63® - coming soon	Socrates
	Welcome and Introduction	Herbert Reitsamer (Austria)
	Current challenges in glaucoma management	Andrew Tatham (United Kingdom)
	Micro-incisional glaucoma surgery and Importance of early action in glaucoma	Kaweh Mansouri (Switzerland)
	New XEN63 - Changing dimensions in micro-incisional glaucoma surgery	Herbert Reitsamer (Austria)
	Wrap up and close	Herbert Reitsamer (Austria)



13:00 14:00	Parallel Industry Session iSTAR Medical Back to the Future - Supraciliary MIGS at last? Moderator: Antonio Fea (<i>Italy</i>)	Hippocrates 4
	Hey Doc, do we need another MIGS?	Karsten Klabe (<i>Germany</i>)
	MINIject® - revisiting the past, or realizing a new future?	Antonio Fea (<i>Italy</i>)
	The future is NOW: my clinical experience with MINIject®	Chrys Dimitriou (<i>United Kingdom</i>) Karsten Klabe (<i>Germany</i>)
	Discussion	



12:50 14:20	Educational Partner Symposium Allergan, an AbbVie Company Today and tomorrow of glaucoma management Moderator: Andrew Tatham (<i>United Kingdom</i>)	Plenary Room
	Welcome	Andrew Tatham (<i>United Kingdom</i>)
	Limitations of drop therapy	Andrew Tatham (<i>United Kingdom</i>)
	SLT in clinical trials and real-world evidence	Anthony Khawaja (<i>United Kingdom</i>)
	Upcoming sustained-release products	Miriam Kolko (<i>Denmark</i>)
	Q&A and discussion	
	Close	Andrew Tatham (<i>United Kingdom</i>)

Sunday, 5 June 2022



17:55 18:55	Parallel Industry Session Horus Pharma The adapted management of glaucoma: expectations versus reality Moderator: Jean-Paul Renard (<i>France</i>)	Skalkotas
	Introduction Horus Pharma	
	Monitoring glaucoma progression with OCT alone? Expectations vs reality	Jean-Paul Renard (<i>France</i>)
	Peripheral iridotomy for all narrow iridocorneal angle? Expectations vs reality	Francisco Javier Goñi (<i>Spain</i>)
	SLT as first line treatment for all naïve patients? Expectations vs reality	Francisco Muñoz Negrete (<i>Spain</i>)
	Less invasive surgeries or classic filtration surgery? Expectations vs reality	Alfonso Antón López (<i>Spain</i>)
	BAK or not to BAK: interest for efficacy? Expectations vs reality	Christophe Baudouin (<i>France</i>)
	Generic and hybrid eyedrops less efficient than original drug? Expectations vs reality	Florent Aptel (<i>France</i>)
	The Belgian and Italian experience of preservative-free latanoprost? Expectations vs reality	Nathalie Collignon (<i>Belgium</i>) Luca Rossetti (<i>Italy</i>)



17:55 18:55	Parallel Industry Session Carl Zeiss Zeiss glaucoma workflow innovation from diagnostic to therapy Panel Discussion Moderator: Gus Gazzard (<i>United Kingdom</i>)	Hippocrates 1
	Integrated digital workflow in glaucoma - novel methodologies	Marta Pazos (<i>Spain</i>)
	Value of progression analysis for long term patient management and decision for the timely and appropriate treatment	Maria Pilar Casas de Llera (<i>Spain</i>)
	Experience with ZEISS SLT as adjunctive therapy - study results	Karsten Klabe (<i>Germany</i>)

Sunday, 5 June 2022



17:55 18:55	Parallel Industry Session Thea Role of adherence in treatment persistency for glaucoma Moderators: Christophe Baudouin (<i>France</i>), Fotis Topouzis (<i>Greece</i>)	Hippocrates 4
	Inflammation in glaucoma: from the front to the back of the eye	Christophe Baudouin (<i>France</i>)
	Diagnosis & treatment of inflammation in glaucoma: what works?	Fotis Topouzis (<i>Greece</i>)
	What to do in glaucoma patient for better adherence	Barbara Cvenkel (<i>Slovenia</i>)
	What could be the role of E-health to improve patients adherence?	Florent Aptel (<i>France</i>)

Alcon

12:30 14:00	Educational Partner Symposium Alcon Introducing Hydrus® Microstent into your clinical practice Moderators: Gus Gazzard (United Kingdom), Brett Trauthen (USA)	Plenary Room
	Introduction and Opening remarks	Gus Gazzard (United Kingdom)
	Hydrus® Microstent outcomes in the 5 year The HORIZON RCT	Gus Gazzard (United Kingdom)
	Hydrus® Microstent surgical implantation steps	Thomas Klink (Germany)
	Hydrus® Microstent surgical implantation pearls	Verena Prokosch-Willing (Germany)



16:40 18:10	Educational Partner Symposium Thea How can we make a real difference in glaucoma management over the long-term Moderators: Miriam Kolko (Denmark), Carlo E. Traverso (Italy)	Plenary Room
	BAK & trabeculum	Miriam Kolko (Denmark)
	Evaluation of glaucoma or ocular hypertension patients with existing ocular surface disease	Sonja Jandroković (Croatia)
	Glaucoma treatment and occurrence of glaucoma surgery: real word evidence	Anton Hommer (Austria)
	When surgery is not enough: what to do?	Keith Barton (United Kingdom)
	Measuring the unmeasurable? Quality of life in glaucoma patients	Gus Gazzard (United Kingdom)

Monday, 6 June 2022



18:15 19:15	Parallel Industry Session Fidia Farmaceutici Beyond IOP control: eye care for the glaucoma patient <i>Session organized under the aegis of ESASO</i> Moderators: Michele Iester (<i>Italy</i>), Michele Figus (<i>Italy</i>)	Hippocrates 1
	Opening	Giuseppe Guarnaccia (<i>Italy</i>)
	360° glaucoma management: how to improve QOL	Luciano Quaranta (<i>Italy</i>)
	Efficacy and safety of glaucoma therapy: preservative-free and fixed dose combinations	Stefano Gandolfi (<i>Italy</i>)
	Neuroprotection for glaucoma: is there any evidence?	Michele Iester (<i>Italy</i>)
	Panel discussion with Q&A	

Monday, 6 June 2022



18:15 19:15	Parallel Industry Session Omikron Italia Quality of life and neuroprotection in glaucoma: new results of an international multicenter randomized clinical trial with citicoline oral solution Chair: Fotis Topouzis (<i>Greece</i>) Moderators: David Garway-Heath (<i>United Kingdom</i>), Luca Rossetti (<i>Italy</i>), Fotis Topouzis (<i>Greece</i>)	Hippocrates 4
	How vision loss affects glaucomatous patients Quality of Life	Ingeborg Stalmans (<i>Belgium</i>)
	Rationale for design a RCT on QoL of glaucomatous patients with citicoline oral solution: multifactorial mechanism of action and clinical evidence	Francisco Goñi (<i>Spain</i>)
	Results of the first RCT on vision related QoL of glaucomatous patients	Luca Rossetti (<i>Italy</i>)
	How to develop a neuroprotective drug	David Garway-Heath (<i>United Kingdom</i>)
	Closing remarks	



08:00 08:45	Industry Breakfast Session Iridex A non-incisional treatment runway with laser for glaucoma	Hippocrates 1
	Introduction	Tomas M. Grippo (Argentina)
	MicroPulse laser trabeculoplasty	David W. Woo (Malaysia)
	MicroPulse transscleral laser therapy	Ronald De Crom (The Netherlands) Tomas M. Grippo (Argentina)
	Continuous-wave cyclophotocoagulation	Ronald De Crom (The Netherlands)
	Questions and answers (round table)	



12:30 14:00	Educational Partner Symposium Santen New perspectives in glaucoma care: time for a change?	Plenary Room
	Welcome and introduction	Norbert Pfeiffer (Germany)
	Getting to the heart of glaucoma – what’s happening to the trabecular meshwork?	Kin Sheng Lim (United Kingdom)
	The Rho kinase pathway: A novel therapeutic strategy	Francesco Oddone (Italy)
	Panel discussion / debate	
	Taking a step forward: New insights and expert consensus on managing a complex conundrum	Anthony Khawaja (United Kingdom)
	Sharing clinical experience	Henny Beckers (The Netherlands)
	Panel discussion / Q&A	
	Summary and close	Norbert Pfeiffer (Germany)

The European Glaucoma Society wishes to thank

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ZEISS

DISCOVER OUR ACTIVITIES

Introducing Hydrus[®] Microstent Into Your Clinical Practice

Room: Auditorium

Moderators:



Gus Gazzard



Brett Trauthen

**MONDAY
6 JUNE**

**12:30-
14:00**

**Hydrus[®] Microstent Outcomes in the
5 year: The HORIZON RCT**
Gus Gazzard (United Kingdom)



**Hydrus[®] Microstent Surgical
Implantation Steps**
Thomas Klink (Germany)



**Hydrus[®] Microstent Surgical
Implantation Pearls**
Verena Prokosch-Willing (Germany)



**Stop by our Booth in Athens
Or explore our Virtual Booth!**

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WITH US!**



Today and tomorrow of glaucoma management

Sunday 5th June 2022 | 12:50-14:20 Athens time

Plenary Room, Megaron Athens International Conference Centre

Join us for this exciting live symposium at EGS 2022

Agenda:

Time (Athens time)	Topic	Presenter
12:50	Distribution of lunch boxes	
13:20	Welcome	Chair: Andrew Tatham
13:25	Limitations of drop therapy	Andrew Tatham
13:40	SLT in clinical trials and real-world evidence	Anthony Khawaja
13:55	Upcoming sustained-release products	Miriam Kolko
14:10	Q&A and discussion	Moderator: Andrew Tatham
14:20	Close	Andrew Tatham

SLT, selective laser trabeculoplasty. All times shown are local to the event location.



Andrew Tatham,

Consultant, Princess Alexandra Eye Pavilion NHS Scotland Research Clinician, University of Edinburgh, UK



Anthony Khawaja,

Associate Professor, UCL Institute of Ophthalmology Honorary Consultant Ophthalmic Surgeon, Moorfields Eye Hospital NHS Foundation Trust, UK



Miriam Kolko,

Professor in Translational Eye Research, Department of Drug Design and Pharmacology, University of Copenhagen, Copenhagen and Senior Consultant, Copenhagen University Hospital, Rigshospitalet, Glostrup, Denmark

TOGETHER WE CAN BE

CHANGE MAKERS

At Santen, we are ready to challenge the status quo in ophthalmology and embrace a new era of change in glaucoma.

Come and join us at our stand, during the EGS Congress from 4-8 June, and see how we can be Change Makers together.

SATURDAY

4 June



Meet our
**PRESERFLO
MicroShunt**
Surgical Partners
and see how
we're changing
expectations in
glaucoma surgery

Visit our booth
to sign up
for the dry lab

SUNDAY

5 June

Talk to the experts
and see what needs
to change when it
comes to thinking about
glaucoma patients

MEET THE EXPERT
Prof. Gabor Hollo



How to put glaucoma
patients in the centre of
glaucoma management
10:15-10:45

Join our booth for
a **Santen in 10
LIVE
Challenge**

...a new gamified
learning experience
15:45-16:15

Hosted by
Prof. Karl Mercieca

Santen in 10

MONDAY

6 June

Learn more about a
new era of clinical
treatment for glaucoma

MEET THE EXPERT
Prof. Christophe
Baudouin



The glaucomatous
trabeculopathy:
from science to
clinical practice
10:40-11:10

Join our booth for
a **Santen in 10
LIVE
Challenge**

...a new gamified
learning experience
15:15-15:45

Hosted by
Prof. Karl Mercieca

Santen in 10

TUESDAY

7 June

Listen to talks on decision
making and how glaucoma
management is changing

MEET THE EXPERT
Philip Graves



How does our thinking
influence treatment choice?
10:40-11:00

**DO NOT MISS
12:30-14:00**

Santen Symposium
'New perspectives in
glaucoma care:
time for a change?'
Led by
Prof. Norbert Pfeiffer

Join our booth for
a **Santen in 10
LIVE
Challenge**

...a new gamified
learning experience
16:50-17:20

Hosted by
Prof. Karl Mercieca

Santen in 10



let's open our eyes

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QUALITY OF LIFE FOR YOUR MILD-TO-MODERATE GLAUCOMA PATIENTS¹⁻⁷



1. Belda J, Patel V, Aceituno S, Cantu M, Gicquel G, Botteman M, et al. Clinical And Economic Outcomes Of Microinvasive Glaucoma Surgery (MIGS) With Stents In Patients With Mild-To-Moderate Or Refractory Glaucoma In Spain. Value Heal. 2017 Oct 1;20(9):A580. 2. Belda JI, Patel V, Aceituno S, Cantu M, Gicquel G, Botteman MF, Falvey H. Cost-Consequence Analysis of Microinvasive Glaucoma Surgery with Stents in Patients with Mild-to-Moderate or Refractory Glaucoma in Spain. Manuscript Submitted. 3. Teus M, Belda JI, Lavín C, Soler M, Aceituno S. Análisis de impacto presupuestario de la introducción de iStent inject® para el tratamiento del glaucoma de ángulo abierto en España. Poster presented at XXXIX Jornadas de Economía de la Salud, Albacete 12-14 June 2019. 4. Tim Jones, Andy Lee, Heather Falvey, Mary Cantu, Keith Barton, MD, Leon Au, MD. A UK Cost Analysis of iStent® in Patients with Open-Angle Glaucoma from an NHS Commission Perspective. Poster presentation by Leon Au, ICGS, Montreal 6-8 Sept 2018. 5. Voskanyan L, García-Feijó J, Belda JI, Fea A, Jünemann A, Baudouin C. Prospective, unmasked evaluation of the iStent inject® system for open-angle glaucoma: Synergy trial. Adv Ther. 2014;31(2):189-201. 6. Buchholz PM, Buchholz A, Bluemle S, Falvey H, Steeds C. Budget impact analysis of trabecular bypass stenting versus trabeculectomy for the treatment of open-angle glaucoma from a German payer perspective. Poster presented at ARVO Feb 2019. 7. iStent inject® Trabecular Micro-Bypass System: Directions for Use, Part #45-0176.

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Breakfast Symposium at EGS 2022

A non-incisional treatment runway with laser for glaucoma

Tuesday, June 7th from 8:00 to 8:45 am • Room Hippocrates 1



Dr. Tomas M. Grippo
Argentina



Dr. Ronald De Crom
The Netherlands



Dr. David W. Woo
Malaysia

Join us to learn from three glaucoma experts how they are using three laser-based procedures - MicroPulse® Laser Trabeculoplasty, MicroPulse® Transscleral Laser Therapy, and Continuous-Wave TSCPC - to treat a wide range of glaucoma types and severities. They will share recommendations for dosing, optimization, patient selection, anesthesia, surgical technique, treatment enhancements, settings adjustment, complications, post-op care, outcomes, and durability. Scan the QR code or visit us at booth #15 to learn more.



glaucoma@iridex.com • iridex.com/egs

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Athens | 4-8 June 2022



Omikron Italia Industry Symposium

Monday 6th June
h 6:15 - 7:15 p.m.
Room *Hippocrates 4*

Quality of Life and Neuroprotection in Glaucoma: New Results of an International Multicenter Randomized Clinical Trial with Citicoline oral solution

Chairmen: D. Garway-Heath, L. Rossetti, F. Topouzis

- ▶ How vision loss affects glaucomatous patients Quality of Life - **I. Stalmans** (*Belgium*)
- ▶ Rationale for design a RCT on QoL of glaucomatous patients with Citicoline oral solution: multifactorial mechanism of action and clinical evidence - **F.J. Goñi** (*Spain*)
- ▶ Results of the first RCT on vision related QoL of glaucomatous patients - **L. Rossetti** (*Italy*)
- ▶ How to develop a Neuroprotective drug - **D. Garway-Heath** (*UK*)
- ▶ Closing remarks



At the end of the Symposium only
the participants will receive the book
“The Beautiful Brain”
written by the Nobel prize winner
Santiago Ramón y Cajal



iSTAR Medical EGS Symposium

Back to the Future – Supraciliary MIGS at last?



DATE: Saturday 4th June

LOCATION: Room Hippocrates 4

TIME: 13:00 - 14:00

CHAIR: Antonio Fea (IT)

Speakers:

Karsten Klabe (DE)

Antonio Fea (IT)

Chrys Dimitriou (UK)

Agenda:

1. Hey Doc, do we need another MIGS?

K. Klabe
(15 minutes)

2. MINJect® – revisiting the past, or realizing a new future?

A. Fea
(15 minutes)

3. The future is NOW: my clinical experience with MINJect®

C. Dimitriou, K. Klabe
(20 minutes)

Bio-integrating, supraciliary MIGS

For safe, meaningful and sustained IOP reduction



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