



European Glaucoma Society
Innovation, Education, Communication, Implementation

40th
Anniversary
of the EGS

The 2020
digital experience

Scientific Programme



14th EGS Congress

12 • 13 December 2020

www.egs2020.org

11.00 Introduction by the Host **Gauti Johannesson** (*Sweden*)

11.05 Welcome to the 40th anniversary of the EGS
David Garway-Heath (*United Kingdom*)

11.10-12.10

Session 1: 40 years into the future...

Moderators: **Ingeborg Stalmans** (*Belgium*), **Thierry Zeyen** (*Belgium*)

11.12 Glaucoma diagnostics over the next 40 years
David Garway-Heath (*United Kingdom*)

11.23 Tell me your genome and I'll tell you about your risk of glaucoma
Fotis Topouzis (*Greece*)

11.34 The future of medical therapy
Gerhard Garhöfer (*Austria*)

11.45 The future of glaucoma surgery
Norbert Pfeiffer (*Germany*)

11.55 Discussion

12.10-12.35

The Jules François Lecture

12.10 Introduction by **David Garway-Heath** (*United Kingdom*)

12.15 The crucial role of randomized glaucoma trials - and the need for relevant and effective outcome criteria
Anders Heijl (*Sweden*)

12.35 - 13.00

EGS Showcase

Host: Gauti Johannesson (*Sweden*)

13.00-14.00

Session 2: Have pivotal studies impacted on my patient's management?

Moderators: **Panayiota Founti** (*United Kingdom*), **Anton Hommer** (*Austria*)

13.02

The EAGLE and ZAP studies
Carlo Enrico Traverso (*Italy*)

13.13

Laser versus medications
Jonathan Crowston (*Singapore*)

13.24

The EMGT and the UKGT Study
Manuele Michelessi (*Italy*)

13.35

The New EGS Guidelines
Augusto Azuara-Blanco (*United Kingdom*)

13.45

Discussion

14.00-14.45

Educational Partner Symposium- see page 52

14.45 - 15.00

EGS Showcase

Host: **Gauti Johannesson** (*Sweden*)

15.00-16.00

Session 3: Is the glaucoma world ready for Artificial Intelligence?

Moderators: **Norbert Pfeiffer** (*Germany*), **Anja Tuulonen** (*Finland*)

- 15.02 What do we need to do to pave the way for Artificial Intelligence?
Konstantinos Balaskas (*United Kingdom*)
- 15.13 Planning ahead: how to keep up with advancing Artificial Intelligence
Leopold Schmetterer (*Singapore*)
- 15.24 Real World Data and Artificial Intelligence
Ingeborg Stalmans (*Belgium*)
- 15.35 Clinics in 40 years from now - humans or robots?
Marco Lorenzi (*France*)
- 15.45 Discussion

16.00 - 16.15

EGS Showcase

Host: Gauti Johannesson (*Sweden*)

16.15-17.15

Session 4: Precision medicine: beyond signs and symptoms management?

Moderators: **Marta Pazos** (*Spain*), **Fotis Topouzis** (*Greece*)

- 16.17 Why do we need precision medicine?
Ananth Viswanathan (*United Kingdom*)
- 16.28 What will be the role of IOP in the era of precision medicine?
Anthony Khawaja (*United Kingdom*)
- 16.39 Will optic nerve head biomechanics help personalised management?
Claude Burgoyne (*USA*)
- 16.50 Discussion

17.15-18.00

Educational Partner Symposium- see page 52

10.30-11.00

General Assembly

11.00

Introduction by the Host **Gauti Johannesson** (*Sweden*)

11.05-11.55

Session 5: Surgery: which patient, which intervention and when?

Moderators: **Alain Bron** (*France*), **Stefano Gandolfi** (*Italy*)

11.07

Can we personalize glaucoma surgery?
Gordana Sunaric Mégevand (*Switzerland*)

11.18

What are the risks of surgery today?
Clemens Vass (*Austria*)

11.29

Treatment of advanced glaucoma at diagnosis
Anthony King (*United Kingdom*)

11.45

Discussion

11.55-12.55

Session 6: MIGS: Hype or hope

Moderators: **Antonio Fea** (*Italy*), **Andy McNaught** (*United Kingdom*)

11.57

What is driving the use of MIGS?
Luis Abegão Pinto (*Portugal*)

12.08

Adding MIGS to Phaco: solution or illusion?
Julian Garcia Feijoo (*Spain*)

12.19

Safety of MIGS: myths and facts
Keith Barton (*United Kingdom*)

12.30

What have we learned from MIGS?
Ernst Tamm (*Germany*)

12.40

Discussion

12.55 - 13.10

EGS Showcase

Host: **Gauti Johannesson** (*Sweden*)

13.10-13.55

Educational Partner Symposium - see page 53

13.55-14.45

Session 7: Key questions for your everyday glaucoma management

Moderators: **Luca Rossetti** (*Italy*), **Ananth Viswanathan** (*United Kingdom*)

13.57 Can better phenotyping help in earlier diagnosis of glaucoma?
Balwantray Chauhan (*Canada*)

14.08 Is angle closure in Europe more common than we think?
Paul James Foster (*United Kingdom*)

14.19 How do I know whether I am doing any good to my patients?
Anja Tuulonen (*Finland*)

14.30 Discussion

14.45 - 15.00

EGS Showcase

Host: Gauti Johannesson (*Sweden*)

15.00-15.50

Session 8: New advances in glaucoma medical therapy

Moderators: **David Garway-Heath** (*United Kingdom*),
Carlo Enrico Traverso (*Italy*)

15.02 Unmet needs in medical therapy: the right drug for the right patient
Harry Quigley (*USA*)

15.13 New targets for treatment
James Morgan (*United Kingdom*)

15.24 Doctor, will you be able to restore my vision?
Leonard Levin (*Canada*)

15.35 Discussion

15.50 Close of the meeting
David Garway-Heath (*United Kingdom*), **Fotis Topouzis** (*Greece*)

on demand Instructional Courses

20 min.

on demand Instructional Course 1

Algorhythm for medical treatment of glaucoma
Luca Rossetti (*Italy*)

40 min.

on demand Instructional Course 2

Can AI help better management of glaucoma?
Hans Lemij (*The Netherlands*), **Leopold Schmetterer** (*Singapore*)

40 min.

on demand Instructional Course 3

Clinical trials reviews
Hari Jayaram (*United Kingdom*), **Panayiota Founti** (*United Kingdom*)

40 min.

on demand Instructional Course 4

Congenital glaucoma
Esther Hoffmann (*Germany*), **Franz Grehn** (*Germany*)

40 min.

on demand Instructional Course 5

Glaucoma medication
Gauti Johannesson (*Sweden*), **Gerhart Garhöfer** (*Austria*)

40 min.

on demand Instructional Course 6

MIGS and their complications
James Kirwan (*United Kingdom*), **Jose Maria Martinez De La Casa** (*Spain*)

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on demand Instructional Courses

40 min.

on demand Instructional Course 7

Neuroprotection

Francesca Cordeiro (*United Kingdom*), **Miriam Kolko** (*Danemark*)

40 min.

on demand Instructional Course 8

SLT who, when, how and whom to?

Stefano Gandolfi (*Italy*), **Gus Gazzard** (*United Kingdom*)

20 min.

on demand Instructional Course 9

Sparing the ocular surface

Christophe Baudouin (*France*)

40 min.

on demand Instructional Course 10

The new EGS guidelines

Augusto Azuara-Blanco (*United Kingdom*), **Carlo Enrico Traverso** (*Italy*)

40 min.

on demand Instructional Course 11

Update on OCT angiography in the diagnosis of glaucoma

Eduardo Maria Normando (*United Kingdom*),
Leopold Schmetterer (*Singapore*)

40 min.

on demand Instructional Course 12

Update on XFS and XFG

Gabor Hollo (*Hungary*), **Anastasios Konstas** (*Greece*)

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40 min.

on demand Instructional Course 13

Virtual clinics in Covid times

Anja Tuulonen (*Finland*), **Hans Lemij** (*The Netherlands*)

20 min.

on demand Instructional Course 14

My worst surgical case

Keith Barton (*United Kingdom*)

40 min.

on demand Instructional Course 15

OCT in Glaucoma: Where to Look

Balwantray Chauhan (*Canada*), **Jayme Vianna** (*Canada*)

40 min.

on demand Instructional Course 16

Understanding the differences in diagnosis and treatment of ACG, OAG, and NTG in Asians (APGS)

Seng Kheong Fang (*Malaysia*), **Prin Rojanapongpun** (*Thailand*)

20 min.

on demand Instructional Course 17

Real-world outcomes in the big data era

Anthony Khawaja (*United Kingdom*)

20 min.

on demand Instructional Course 18

Practical OCT for glaucoma

David Garway-Heath (*United Kingdom*)

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on demand Instructional Courses

20 min.

on demand Instructional Course 19

Where are we with MIGS?
Leon Au (*United Kingdom*)

20 min.

on demand Instructional Course 20

Visual Field in Glaucoma
Ananth Viswanathan (*United Kingdom*)

20 min.

on demand Instructional Course 21

Safe cataract surgery in glaucomatous eyes
Carlo Enrico Traverso (*Italy*)

20 min.

on demand Instructional Course 22

Trabeculectomy
Stefano Gandolfi (*Italy*)

E-poster key

All ePosters are listed per number and per topic as follows:

COVID-related clinical experience
 Diagnosis - Angle closure glaucoma
 Diagnosis - Glaucoma all types
 Diagnosis - Pediatric glaucoma
 Diagnosis - Primary open-angle glaucoma
 Diagnosis - Secondary glaucomas
 Epidemiology, health economics, visual disability, QoL - Angle closure glaucoma
 Epidemiology, health economics, visual disability, QoL - Glaucoma all types
 Epidemiology, health economics, visual disability, QoL - Primary open-angle glaucoma
 Epidemiology, health economics, visual disability, QoL - Secondary glaucomas
 Follow up - Angle closure glaucoma
 Follow up - Glaucoma all types
 Follow up - Pediatric glaucoma
 Follow up - Primary open-angle glaucoma
 Follow up - Secondary glaucomas
 Pathogenesis - Angle closure glaucoma
 Pathogenesis - Glaucoma all types
 Pathogenesis - Primary open-angle glaucoma
 Pathogenesis - Secondary glaucomas
 Treatment - Angle closure glaucoma
 Treatment - Glaucoma all types
 Treatment - Pediatric glaucoma
 Treatment - Primary open-angle glaucoma
 Treatment - Secondary glaucomas

Please note that all registered participants will have the possibility to contact each e-poster author using the button

Ask the Author

The authors will receive your message and will be able to reply to your question during the congress days.

COVID-related clinical experience

- P001** Post Covid 19 bilateral scleritis with secondary glaucoma
Ojasvi Sharma, Tarun Sharma¹ Monali Chakrabarti (*United Kingdom*)
- P002** Is the retinal vein occlusion a risk factor for COVID-19 disease?
Javier Guzmán, Alfonso Rubio Reina, Pedro Beneyto Martín, Teresa Pérez Martínez, Carmen Pizzamiglio Martín, Carmen Fernández González, Pilar Ortega Campos, Oier Pérez Díaz, Famara Doblado Serrano, Nuria Cuenca Cardeñosa, Sergio Pérez De Paz, Beatriz González Rodríguez, Laura Alonso Martín, Fernando Sellers López, Bruno Casco Silva, María Ángeles Leal González, Rosa María Jiménez Escribano, María Zulema Hernández Carranza, Maria Belén Morcillo Lozano, Nolvis Marina Alvarez Quiroz (*Spain*)

Diagnosis - Angle closure glaucoma

- P003** Detection of occludable angles with AS-OCT and pentacam as screening and rapid methods in Caucasian eyes
Ali Noroozi, Javier Benitez-del-Castillo, Mario Rodriguez-Calzadilla, Maria Dolores Pinazo-Duran, Inmaculada Mota-Chozas (*Spain*)
- P004** Central corneal thickness and anterior scleral thickness in primary angle closure disease
Yong Yeon Kim, Ji-Hye Park, Chungkwon Yoo (*South Korea*)
- P005** Structural assessment of the Ciliary body in aqueous misdirection syndrome: an ultrasound biomicroscope based case control study
Mona Khurana, Ronnie George, Yamunadevi Sekar² Palak Sakaria, Shantha Balekudaru (*India*)
- P006** Visual field defect associated to topiramate-induced acute angle closure
Janny Aronés-Santivañez, Angel Asensi, Marcela Bermudez (*Spain*)
- P007** Ultrasonic biomicroscopic findings in patients with gonioscopically visualized ciliary processes
Serhat Imamoglu, Hatice Tekcan, Gokhan Celik, Alev Ozelik Kose (*Turkey*)
- P008** A novel contactless imaging technique for the assessment of angle closure: swept-source OCT
Enrico Meduri, Kevin Gillmann, Giorgio Enrico Bravetti, Letitia Jessy Niegowski, André Mermoud, Kaweh Mansouri (*Switzerland*)

- P009** A deep learning system for automated circumferential angle closure detection with swept-source optical coherence tomography
[Natalia Porporato¹](#), [Mani Baskaran¹](#), [Tin A. Tun¹](#), [Rehena Sultana¹](#), [Marcus C.L. Tan¹](#), [Joanne Quah¹](#), [David Friedman²](#), [Ching-Yu Cheng¹](#), [Tin Aung¹](#) (¹Singapore, ²USA)
- P010** Clinical features of delayed diagnosed acute angle closure glaucoma in an emergency room
[Chongeun Lee](#), [Sam Seo](#) (South Korea)
- P011** The role of anterior-segment optical coherence tomography in glaucoma virtual clinics: How can it be used to refine referrals for primary angle closure?
[Akshay Narayan](#), [John Brookes](#), [Jaisal Tailor](#), [Winifred Nolan](#) (United Kingdom)

Diagnosis - Glaucoma all types

- P012** Modification of ocular and systemic parameters during the Water Drinking Test in glaucoma suspects
[Andreas Diagourtas](#), [Stylianios Kandarakis](#), [Persefoni Kourti](#), [Konstantinos Andreanos](#), [Eustathia Asimakopoulou](#), [Dimitrios Papaconstantinou](#) (Greece)
- P013** Microstructure of nonjuxtapapillary microvasculature dropout in healthy myopic eyes
[Gyu-Nam Kim](#), [Eun Ji Lee](#), [Tae-Woo Kim](#) (South Korea)
- P014** Interpolation of visual sensitivity based on the retinal nerve fiber trajectory
[Tetsuya Togano^{1,2}](#), [Phannisa Praditsuktavorn²](#), [Tuan Ho²](#), [David F. Garway-Heath²](#) (¹Japan, ²United Kingdom)
- P015** The reduced vessel density in the inferior macular hemisphere may predict glaucoma progression
[Nataliya Kurisheva](#), [Kseniya Virstyuk](#) (Russia)
- P016** Relationship between macular morphology and retinal artery trajectory in junior high school students
[Takehiro Yamashita](#), [Naoya Yoshihara](#), [Naoko Kakiuchi](#), [Taiji Sakamoto](#) (Japan)
- P017** Peripapillary nerve fiber elevation and axial elongation in children
[Takuto Hamada](#), [Takehiro Yamashita](#), [Naoya Yoshihara](#), [Naoko Kakiuchi](#), [Taiji Sakamoto](#) (Japan)

- P018** Next generation pattern electroretinogram in preperimetric glaucoma: altered adaptation associated with early thinning of inner retina
Andrea Giudiceandrea, Tommaso Salgarello, Giorgio Placidi, Antonello Fadda, Gloria Gambini, Benedetto Falsini (Italy)
- P019** Biomarkers in aqueous humor and tears of patients with open angle glaucoma or pseudo-exfoliative glaucoma
Beatriz Vidal-Villegas, Barbara Burgos Blasco, Blanca Benito Pascual, Julian García-Feijóo, Jose Maria Martinez de la Casa (Spain)
- P020** Differences in glaucomatous optic nerve head damage assessment between disc photography and SD-OCT images
Katarzyna Samelska, Magdalena Kupis, Zbigniew M. Wawrzyniak, Anna Zaleska-Zmijewska (Poland)
- P021** Phaco/ECP vs Phaco/MP-CPC for the management of elevated eye pressure
Abraham Nirappal, Mari Chachanidze, Emma Klug, David Sola-Del Valle (USA)
- P022** Comparative analysis of optic disc findings using colour disc images and multicolour images in primary open and closed angle glaucoma
Surajit Sen, Mona Khurana, Smita Panda, Anirban Ghatak, Saurabh Kumar, Moupiya Das, Rupak Roy (India)
- P023** Diagnostic ability of individual macular layers by spectral-domain optical coherence tomography to distinguish the varying severity of glaucoma
Jacqueline Chua, Bingyao Tan, Mengyuan Ke, Aung Tin, Leopold Schmetterer (Singapore)
- P024** SLO-based eye tracer and image averaging improve repeatability of measurements of retinal thickness with spectral-domain optical coherence tomography in glaucoma eye with cataract
Daisuke Shiba, Eri Hirano, Sayaka Adachi, Yuka Ota, Takeshi Ono, Kenya Yuki, Kazuo Tsubota (Japan)
- P025** Diagnosing glaucoma by using cascaded deep learning algorithms for analysis of optic nerve head optical coherence tomography images
Jasper K.W. Wong, Bukhari Mohammad Abdullah, Jimmy S.M Lai (Hong Kong)
- P026** Automated macular segmentation in compressive optic neuropathy and glaucomatous optic neuropathy
Ricardo Machado Soares, Joana Braga, Joana Fernandes, Hélio Alves, Lúgia Ribeiro, Dália Meira (Portugal)

- P027** AI algorithms in ophthalmology for the screening programs. Does it relevant for Glaucoma screening?
Olga Likhachevskaya^{1,2}, Tatsiana Imshenetskaya¹, Viktoriya Krasilnikava¹, Alexei Kuzmenkov² (¹Belarus, ²The Netherlands)
- P028** Comparing the performance of iPad based noise field perimeter versus Humphrey field analyzer in detecting glaucomatous visual field loss
Leonard Yip, Jianbin Ding, Ivan Tecson, Bryan Ang, Wenqi Chiew (Singapore)
- P029** Only glaucoma?
Beatriz Puerto, Carmen Sanchez Sanchez, Cristina Lopez Caballero, Ines Contreras (Spain)
- P030** A new platform designed for glaucoma screening: recognizing glaucomatous optic neuropathy in fundus photography with deep learning architecture together with intraocular pressure measurements
Anna Zaleska Zmijewska, Jacek Pniewski, Jacek P. Szaflik, Paweł Borowiecki, Jerzy Szaflik (Poland)
- P031** Validation of two OCT-based diagnostic calculators for glaucoma detection
María Teresa Carrión-Donderis, Marta Pazos, Sofía Batlle, Maria Jesus Muniesa Royo, Elena Milla, Javier Moreno Montañes (Spain)
- P032** Comparison of the correlation between Bruch's membrane opening - Minimum rim width and lamina cribrosa with retinal nerve fiber layer thickness in exfoliation syndrome and early stage exfoliation glaucoma
Halit Oguz, Mustafa Hepokur, Medine Gunes, Fatma Sali (Turkey)
- P033** Use of artificial neural networks to predict the progression intraocular hypertension to glaucoma
Anton Nicoleta, Anisia Iuliana Alexa, Alina Cantemir, Roxana Elena Ciuntu, Costel Anton, Catalin Lisa, Camelia Margareta Bogdanici, Dorin Chiselita (Romania)
- P034** A deep learning approach to predict visual field using optical coherence tomography
Keunheung Park, Jiwoong Lee (South Korea)
- P035** Correlation, the water drinking test and diurnal tension curve in take intraocular pressure in glaucoma suspects
Carlos Colunche, Carlos Barba (Peru)

- P036** Comparative evaluation of peripapillary vessel density in patients with pigmentary glaucoma and primary open-angle glaucoma
Dmytro Martynov (Ukraine)
- P037** Optical coherence tomography and visual field testing in glaucoma: is there a change in management strategy?
Zeynep Kayaarasi Ozturker, Serpil Akar, Rengin Aslihan Kurt (Turkey)
- P038** Comparison of macular vessel density and foveal avascular zone parameters in patients with exfoliation and primary open angle glaucoma
Sevgi Subasi, Ece Basaran, Dilara Pirhan, Nursen Yuksel (Turkey)
- P039** Area modulation perimetry reveals retinal ganglion cell dysfunction in early glaucoma
Padraig Mulholland, Tony Redmond, David Garway-Heath, Roger Anderson (United Kingdom)
- P040** OCT features in normal tension glaucoma and primary open angle glaucoma
María Jesús Chaves Samaniego, Diogo F Müller, Alejandro Acosta, Pedro Monsalve, Jenny Chen, Richard K. Parrish, Steven J. Gedde, Luis E. Vazquez (USA)
- P041** Comparison of ICare rebound tonometer and Goldmann applanation tonometer intraocular pressure measurements and the influence of central corneal thickness
Arun Kiru, Eduardo Normando, Sally Ameen, Faisal Ahmed (United Kingdom)
- P042** Utility of True Color confocal scanner ophthalmoscopy to detect retinal nerve fiber layer defects in patients with primary open angle glaucoma
Simon Quijada Angeli¹, Iulia Pana, Emma Beatriz Ausín González, María José Crespo Carballes, Lucía Perucho González, Juan Donate López (Spain)

Diagnosis - Pediatric glaucoma

- P043** Micropulse transscleral laser in children - The Auckland and Singapore experience
Marcus Tan¹, Victor Koh¹, Cheryl Ngo¹, Maria Cecilia Aquino¹, Jody Goh¹, Paul T.K. Chew¹, Su Ann Tay², Justin Mora² (¹Singapore, ²New Zealand)
- P044** Comparison of intraocular pressure measured with the new rebound tonometer iCare 200 and the applanation perkins tonometer in healthy subjects and in patients with primary congenital glaucoma
Pilar Pérez García, Laura Morales Fernández, Jose Maria Martinez-De-La-Casa, Carmen Dora Méndez Hernández, Federico Sáenz-Francés, Carlos Oribio Quinto, Verónica Gómez-Calleja, Julian Garcia Feijoo (Spain)

- P045** Agreement between rebound tonometer (iCare 200) and applanation tonometer in congenital glaucoma
[Laura Morales-Fernandez](#), [Jose Maria Martinez-de-la-Casa](#), [Federico Sáenz-Francés](#), [Pilar Pérez García](#), [Julian Garcia Feijoo](#) (Spain)
- P046** Temporal raphe sign for discriminating glaucoma in school-age children with large optic-disc cupping
[Young Kook Kim](#), [Ahnul Ha](#), [Sung Uk Baek](#), [Jin-Soo Kim](#) (South Korea)

Diagnosis - Primary open-angle glaucoma

- P047** Pituitary macroadenoma and chronic glaucoma
[Hakim Boudedja](#), [Meriem Dahmani](#), [Malika Terahi](#) (Algeria)
- P048** Homocysteine and hydroxyproline levels in patients with primary open-angle glaucoma
[Asaad Ghanem](#), [Salah Mady](#), [Hatem Elawadi](#), [Lamiaa Arafa](#) (Egypt)
- P049** One-year safety and effectiveness of MicroShunt implantation versus trabeculectomy across five European sites
[Julian Garcia Feijoo](#)¹, [Marco Nardi](#)², [Isabelle Riss](#)³, [Nicholas Strouthidis](#)⁴, [Henny Beckers](#)⁵ (¹Spain, ²Pisa, ³France, ⁴United Kingdom, ⁵ The Netherlands)
- P050** Ocular blood flow and lamina cribrosa in glaucoma suspects
[Patrycja Krzyzanowska-Berkowska](#), [Karolina Czajor](#), [D. Robert Iskander](#) (Poland)
- P051** Comparison and agreement between Humphrey Visual Field Analyzer 24-2 and 10-2 test patterns for detecting glaucomatous central five degree visual field defect, in early glaucomatous eye
[Tutul Chakravarti](#) (USA)
- P052** Safety and efficacy of iStent Inject® trabecular micro-bypass stents during phacoemulsification for open-angle glaucoma associated with cataract
[Déborah Cela](#), [Emmanuelle Brasnu](#), [Pascale Hamard](#), [Christophe Baudouin](#), [Antoine Labbé](#) (France)
- P053** Glaucoma diagnostic performance of the vessel density in early glaucoma
[Gözde Hondur](#), [Emine Sen](#) (Turkey)

- P054** Sustained drug delivery for glaucoma: preliminary visual field and duration of effect results of bimatoprost SR (BimSR) pooled phase 3 studies
Miriam Kolko¹, Andrew J. Tatham², Kitty Guo³, Jane Zhang³, Margot L. Goodkin³, Marina Bejanian³, Michael R. Robinson³, Francesca Cordeiro⁴
(¹Denmark, ²United Kingdom, ³USA)
- P055** Tear and aqueous humor cytokine profile in primary open angle glaucoma
Barbara Burgos-Blasco, Beatriz Vidal-Villegas, Pilar Peña-Urbina, Laura Morales-Fernandez, Julian Garcia Feijoo, Jose Maria Martinez-de-la-Casa
(Spain)
- P056** Gender-related influences on superficial papillary microcirculation measured with optical coherence tomography angiography in patients with glaucoma
Carmen Mendez-Hernandez, Surina Wang, Yanchen Chen, Julian Garcia Feijoo
(Spain)
- P057** PreserFlo Microshunt - the better trabeculectomy? First experiences with a new microshunt in glaucoma surgery
Jan Philipp Werth, Karsten Klabe (Germany)
- P058** A prospective, 12-month study of patients with POAG and PEX-glaucoma treated with the OMNI surgical system as a standalone procedure
Karsten Klabe (Germany)
- P059** Trabeculectomy ab interno with the Kahook Dual Blade - First clinical experience
Detlev Breyer, Karsten Klabe (Germany)
- P060** Minimally invasive glaucoma surgery: 4.5 years - Results with the iStent inject
Hakan Kaymak, Karsten Klabe (Germany)
- P061** Study of the concordance between ophthalmologists and against the primary open angle glaucoma risk calculator
Alfonso Rubio Reina, Javier Guzmán Blázquez, Carmen Pizzamiglio Martín, Famara Doblado Serrano, Oier Pérez Díaz, Teresa Pérez Martínez, Carmen Fernández González, Laura Alonso Martín, María Ángeles Leal González, Pilar Ortega Campos, Beatriz González Rodríguez, Nuria Cuenca Cardeñosa, Sergio Pérez De Paz, Fernando Sellers López, Bruno Casco Silva, Pedro Beneyto Martín, Rosa María Jiménez Escribano (Spain)
- P062** Optical coherence tomography angiography retinal vascular network and optic nerve head colorimetry assessment in glaucoma patients
Carmen Mendez-Hernandez, Surina Wang, Marta Gonzalez-Hernandez, Ruben Fernandez Fernandez, Olivia Rodriguez Quet, Manuel Gonzalez de la Rosa
(Spain)

- P063** Grading visual function in preperimetric and perimetric glaucoma patients using pattern electroretinogram
Kyoung In Jung, Chan Kee Park (South Korea)
- P064** Weekly and Seasonal changes of intraocular pressure measured with an implanted intraocular telemetry sensor
Kaweh Mansouri¹, Kevin Gillmann¹, Harsha L. Rao², Robert N. Weinreb³ (¹Switzerland, ²India, ³USA)
- P065** SD-OCT peripapillary nerve fiber layer and ganglion cell complex parameters in glaucoma: principal component analysis
Marta Pazos, Marc Biarnés, Andrés Blasco-Alberto, Agnieszka Dyrda, Miguel Ángel Luque-Fernández, Alicia Gómez, Maria Jesus Muniesa Royo, Elena Milla, Alfonso Antón López, Valentín Tinguaro Díaz-Alemán (Spain)
- P066** Changes in ocular surface disease evaluated after nonpenetrating deep sclerectomy by non-invasive methods and questionnaires
Francisco José Muñoz Negrete, Carlota Fuente García, Elisabet De Dompablo Ventura, Gema Rebolleda Fernández, Laura Diez Alvarez, Laia Jaumandreu (Spain)
- P067** The relationship between optic nerve head and peripapillary vascular densities and visual field analysis in open angle glaucoma
Ahmet Kaderli, Sinem Karabulut, Sema Tamer Kaderli, Cansu Kaya, Aylin Karalezli (Turkey)
- P068** Evaluation of macular changes in patients with primary open-angle glaucoma by swept-source optical coherence tomography angiography
Asaad Ghanem (Egypt)

Diagnosis - Secondary glaucomas

- P069** A case of topiramate-induced secondary angle closure in a young patient
Hnin Hnin Oo, Helen Mi Fang, Vernon Khet Yau Yong (Singapore)
- P070** Corticosteroid induced glaucoma in a baby - A case report
Catarina Xavier, Susana Henriques, Fernando Trancoso Vaz, Cristina Brito (Portugal)
- P071** Incidence and factors associated with secondary glaucoma after endothelial keratoplasty
Nucharee Parivisutt, Jidapa Sarikit (Thailand)

- P072** A dangerous relation between cardiovascular risk factors and the eye
[Maria João Matias, Miguel Ruão, Manuela Amorim, Jeniffer Jesus, Isabel Lopes-Cardoso](#) (Portugal)
- P073** Refractive outcomes of uneventful cataract surgery in eyes with pseudoexfoliation syndrome and pseudoexfoliation glaucoma
[Hatice Tekcan, Serhat Imamoglu](#) (Turkey)
- P074** Is this my iris?
[Cristina Lopez Caballero, Ana Díaz Montealegre](#) (Spain)
- P075** Clinical characteristics of cytomegalovirus-associated anterior uveitis as a cause of hypertensive anterior uveitis
[Berna Basarir, Cigdem Altan, Damla Leman Bektasoglu, Isil Pasaoglu, Banu Solmaz, Nese Alagoz, Tekin Yasar](#) (Turkey)
- P076** Birdshot chorioretinopathy and glaucoma
[Carla Fernandes, Mariana Portela, Pedro Arede, Miguel Cordeiro, Marta Guedes, Maria Sara Patrício](#) (Portugal)
- P077** Diagnostic capacity of the retinal vascular density versus the study of the retinal nerve fiber layer thickness and macular ganglion cell complex in Pseudoexfoliative glaucoma
[Noemi Guemes Villahoz, Clara Valor Suarez, Jose Maria Martinez-De-La-Casa, Julian Garcia Feijoo](#) (Spain)
- P078** Neovascular glaucoma in a young male patient with Eales' disease. Case report and literature overview
[Elpida Kollia, Eleni Patsea](#) (Greece)
- P079** Secondary pigmentary glaucoma in a patient with megalocornea
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- P130** Determination of risk factors associated with structural progression in normal tension glaucoma
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- P131** Evaluation of factors predicting glaucoma damage in patients with primary open-angle glaucoma
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- P132** Home monitoring of intraocular pressure using a transpalpebral tonometer
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- P133** Endophthalmitis following Xen45 gel stent implant: retrospective case series
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- P134** Risk factors for disc haemorrhages in the United Kingdom Glaucoma Treatment Study
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- P135** Change in foveal avascular zone area after glaucoma surgery using swept-source OCT angiography
Takuhei Shoji, Junji Kanno, Yuji Yoshikawa, Hirokazu Ishii, Hisashi Ibuki, Kei Shinoda (Japan)
- P136** New strategy for Humphrey visual field: SITA FASTER. Comparative study with SITA STANDARD
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- P138** How do patients feel about visual field testing?
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- P139** OCT-Angiography for glaucoma progression: a systematic review
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- P141** Safety of intravitreal triamcinolone and its impact on optic nerve morphology in patients treated for cystoid macular edema
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- P147** Acute optic neuropathy after a single episode of primary angle closure glaucoma
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- P157** The difference of corneal hysteresis between glaucoma and normal in Thais
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- P160** OCT angiography of the macula and optic disc in patients with normal tension glaucoma; insights from OCTA
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- P161** Candidate gene analysis of germline variants in Finnish patients with juvenile open-angle glaucoma
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Ilmira Gazizova (Russia)
- P164** Comparison of risk allele frequency of glaucoma-related single nucleotide polymorphism using korean reference genome database
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- P165** Proteomic analysis of aqueous humor from primary open angle glaucoma patients with topical anti-glaucoma medications
Eun Woo Kim, Wungrak Choi, Heon Yang, Sang Yeop Lee, Hyoung Won Bae, Gong Je Seong, Chan Yun Kim (South Korea)
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- P169** The effects of endothelin-1 on the structural and functional change in primary open angle glaucoma
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- P170** Next generation sequencing-based gene panel tests for the diagnosis of open angle glaucoma
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- P171** Polymorphisms of OPA1 and MFN1 are associated with glaucoma in Polish population
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- P172** The correlations between posterior scleral profile and autonomic dysfunction in normal tension glaucoma
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- P173** Comparison of pre-and postoperative peripapillary radial capillary plexus and choroidal subfoveal thickness with optical coherence tomography angiography (OCT-A) in Preserflo patients
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- P176** Intracranial pressure and ocular perfusion pressure in glaucoma: interrelationships and clinical interactions
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- P178** The effect of nocturnal continuous positive airway pressure (CPAP) therapy on the 24-hours intraocular pressure in patients with sleep apnea syndrome using a contact lens sensor
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- P179** Normal tension glaucoma patients have reduced systemic mitochondrial function compared to high tension glaucoma patients
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- P180** The significance of optical coherence tomography-angiography in the evaluation of normal tension glaucoma progress
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Tolga Kocaturk, Maja Zivkovic, Volkan Dayanir (Turkey)
- P83** Urrets-Zavalía syndrome following trabeculectomy in a patient with pigmentary glaucoma
Rafael Barão¹, Raquel Esteves Marques¹, Filipa Teixeira¹, André Diogo Barata¹, David Sousa², Luis Abegão Pinto¹ (¹Portugal, ²United Kingdom)

- P184** Concomitant anterior acute uveitis and macular oedema in glaucoma pseudoexfoliative patient
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- P185** Serum apelin and asymmetric dimethylarginine levels in patients with exfoliation syndrome or exfoliative glaucoma
Sibel Kocabeyoglu¹, Figen Bezci Aygun¹, Murat Irkeç¹, Z. Gunnur Dikmen¹, M. Mutlu Umaroglu¹, Anastasios-Georgios P. Konstas² (¹Turkey, ²Greece)
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- P192** Peripheral laser iridotomy in primary angle closure: anterior chamber morphologic analysis with scheimpflug tomography, optical coherence tomography and gonioscopy
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- P194** Intraocular pressure lowering factors after switching to carteolol/latanoprost fixed combination eye drop therapy
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- P195** Immediate intraocular pressure response to subthreshold cyclophotocoagulation in refractory glaucoma
Ignacio Rodriguez-Una¹, Gustavo Espinoza², Juan Camilo Parra², Yuly Castellanos² (¹Spain, ²Colombia)
- P196** Function analysis of Sema3A in retinal ganglion cells under hypoxia
Kaori Komatsu, Ji-Ae Ko, Hideaki Okumichi, Yoshiaki Kiuchi (Japan)
- P197** What type of glaucoma surgery is performed in Spain? Results of the survey among glaucomatologists 2019
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Kazuyuki Hirooka, Erina Goda, Yoshiaki Kiuchi (Japan)
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- P323** Deep sclerectomy combined with phacoemulsification with the postoperative topical use of bevacizumab versus placebo - Short-term follow-up
Katarzyna Lewczuk, Joanna Jabłonska, Karolina Korecka-Skowron, Maria Cedro, Jacek Rudowicz, Marek Rekas (Poland)
- P324** Is the size of the trabecular meshwork associated with the efficacy of the selective laser trabeculoplasty?
Carlo Alberto Cutolo, Giorgia Taccone, Michele Iester, Alessandro Bagnis, Chiara Bonzano, Donatella Musetti, Chiara Pizzorno, Carlo Catti, Carlo Traverso (Genoa)
- P325** Combined phacoemulsification and excimer laser trabeculostomy (PHACO-ELT) versus phacoemulsification (PHACO) alone in open angle glaucoma (OAG) and cataract: one year follow up
Denisse Michelle Espinosa Encalada, Manuel Cebrián Toboso, Raquel Maroto Cejudo, Maria Inmaculada Paños Palacios, Nieves Puerto Amorós, Antonio Moreno Valladares (Spain)
- P326** High frequency deep sclerotomy (HFDS): micro-ablative trabecular MIGS. Case series
Antonio Moreno Valladares, Denisse Michelle Espinosa Encalada, Mónica Martínez Díaz, María Inmaculada Paños Palacios, Nieves Puerto Amorós (Spain)

- P327** Long-term results of non-penetrating deep sclerectomy: seven years and seventy eyes later
[Sara Pereira, Paula Tenedório, Rita Gonçalves, Ricardo Bastos, Filipa Sampaio](#) (Portugal)
- P328** Deep sclerectomy with esnoper clip implantation in primary open angle glaucoma - Preliminary outcomes
[Alina-Dana Baxant, Patrik Pluhovsky, Lucie Holubova, Pavel Studeny](#) (Czech Republic)
- P329** Five-year outcomes of trabecular micro-bypass stents (iStent inject) combined with travoprost in glaucomatous eyes on 2 preoperative medications
[Amadeu Carceller Guillamet](#) (Spain)
- P330** Evaluation of ocular surface disease in patients with glaucoma: expression of matrix metalloproteinase 9 in tears
[Dai Woo Kim, Je Hyun Seo, Young Kook Kim, Jongwook Lee, Su-Ho Lim](#) (South Korea)
- P331** OCTA in the efficacy evaluation of non-penetrating deep sclerectomy hypotensive effect
[Tatiana Iureva, Svetlana Zhukova, Irina Pomkina](#) (Russia)
- P332** Early macular microvascular changes after glaucoma gel implant surgery: a swept-source optical coherence tomography angiography study
[Lorenza Brescia, Luca Agnifili, Daniele Guarini, Leonardo Mastropasqua](#) (Italy)
- P333** Surgical outcome and complications of Xen gel stent in Korean population
[Seungsoo Rho^{1,2}, Myungjin Kim¹](#) (¹South Korea, ²United Kingdom)
- P334** Efficacy and safety of enhanced trabeculectomy compared to enhanced phacotrabeculectomy in patients with open angle glaucoma
[Matteo Sacchi, Gianluca Monsellato, Edoardo Villani, Elena Cremonesi, Rosario Alfio Umberto Lizzio, Francesco Bonsignore, Paolo Nucci](#) (Italy)
- P335** A European study of the efficacy and safety of a supraciliary glaucoma drainage device in patients with open angle glaucoma
[Katrin Lorenz¹, Burkhard Dick¹, Christoph Hirneiß¹, Thomas Dietlein¹, Maren Klemm¹, Philippe Denis², Aptel Florent², Julian Garcia Feijoo³, Norbert Pfeiffer¹](#) (¹Germany, ²France, ³Spain)
- P336** Assessment of corneal epithelium thickness parameters in patients with glaucoma
[Ioannis Halkiadakis, Anna Vernikou, Vasilis Tzimis, Vasiliki Konstadinidou](#) (Greece)

- P337** Association between subhaplotypes of metalloproteinases genes and latanoprost response in glaucomatous patients – setting the bases for personalized medicine
Fernando Ussa, Ramon Juberias, Francisco Blazquez, Angel Carracedo (Spain)
- P338** An 18-month evaluation of the trabecular micro-bypass iStent implantation as an effective method of treatment for patients with open-angle glaucoma
Marta Hajduga, Iwona Filipecka, Katarzyna Połuszny-Rutkowska, Łukasz Drzyzga, Ewa Mrukwa-Kominek (Poland)
- P339** Combined iStent Inject with Cataract Extraction in Asian Eyes with Primary Open Angle Glaucoma - 1 Year Outcomes
Bryan Ang, Jeremy Hu, Ivan Tecson, John Kan, Leonard Yip (Singapore)
- P340** XEN implant: A case of delayed implant migration
Bayan Shahin, Stewart Gillan (United Kingdom)
- P341** Measuring and understanding factors associated with non-adherence to anti-glaucoma medications in Hungary – Analysis of real-world evidence
Afua Richardson-Parry¹, Danute Ducinskiene², Shaantanu Donde¹, Agnes Gaboda³, Zsofia Ludanyi³, Tarek Hassan⁴ (¹United Kingdom, ²Lithuania, ³Hungary, ⁴USA)
- P342** Modification of corneal biomechanics and intraocular pressure after NPDS
M^a Dolores Díaz-Barreda, Ana Boned, Paula Montes, Gisela Karlsruher, José Ignacio Sánchez, Itziar Pérez, Diana Perez Garcia, Elena Pardina, Juana Martinez, Francisco Ascaso, Juan Ibañez (Spain)
- P343** Selective Laser Trabeculoplasty in a Rural sub-Saharan African Population
Grant Slagle¹, Richard Chitedze², Vincent Saka², Rand Allingham¹, William Eric Sponsel¹ (¹USA, ²Malawi)
- P344** Effect of ab-interno canaloplasty on IOP and use of medications in patients with open angle glaucoma
Kavita Dhamdhere¹, Simon Ondrejka², Norbert Körber^{2,3} (¹USA, ²Germany, ³Italy)
- P345** Blue laser in diagnostics and possible treatment of open angle glaucoma
Zhanna Alyabyeva, Angelina Kazantseva, Andrey Larichev, Shehari Wijayapala (Russia)
- P346** The effect of phosphodiesterase inhibitors on chorioretinal bloodflow: an OCTA analysis
Timothy Yap¹, Mary Kelada¹, Juan Antonio Miralles De Imperial Ollero^{1,2}, Jas Kalsi¹, M Francesca Cordeiro¹, Eduardo Normando¹ (¹United Kingdom, ²Spain)

- P347** Endocyclophotocoagulation combined with phacoemulsification in surgically-naïve primary open-angle glaucoma: three-year results
Faisal Ahmed¹, Timothy Yap¹, Piero Zollet^{1,2}, Salman Husein¹, Mohammad Moataz Mohammad Murad^{1,3}, Sally Ameen¹, Laura Crawley¹, Philip Bloom¹
(¹United Kingdom, ²Italy, ³Egypt)

Treatment - Secondary glaucomas

- P348** Trabeculectomy versus Ahmed glaucoma valve implantation in the surgical management of glaucoma in Sturge Weber syndrome
Bipul Kumer De Sarker, Zafrul Hassan, M.D. Hammad, Mallika Mahatma
(*Bangladesh*)
- P349** Long-term outcome of a modified 360-degree suture trabeculotomy for uveitic glaucoma
Riki Kijima, Yasuhiro Shinmei, Shinki Chin, Rina Kanaya, Akihiro Shinkai, Takeshi Ohguchi, Kenichi Namba, Susumu Ishida (*Japan*)
- P350** Use of micropulse transscleral cyclophotocoagulation in glaucoma associated with penetrating keratoplasty or KPro
Consuelo Gajardo Menzel, Juan Carlos Izquierdo Villavicencio, Katia Ruiz Montenegro, Josselyne Lopez Aliendres, Mirel Rincon Sanchez (*Peru*)
- P351** Ocular hypertension after intravitreal fluocinolone acetonide implant: is there a role for SLT?
Ricardo Bastos, Rita Gonçalves, Carla Teixeira, Filipa Sampaio, Sara Pereira, Paula Tenedório (*Portugal*)
- P352** Treatment of neovascular glaucoma with transscleral diod laser cyclophotocoagulation alone versus combination of intravitreal bevacizumab and transscleral diod laser cyclophotocoagulation
Tülay Simsek, Melike Yasar, Eray Atalay, Onur Özalp, Nilgün Yıldırım (*Turkey*)
- P353** Xen gel stent® obstruction by pseudoexfoliative material and partial resolution by Nd:Yag laser excision
Laura Díez-Álvarez, Laia Jaumandreu, Marta Gómez-Mariscal, Francisco José Muñoz Negrete, Gema Rebolleda Fernández (*Spain*)
- P354** Surgical treatment of secondary glaucoma after vitreoretinal surgery with silicone oil tamponade
Tatsiana Imshenetskaya, Galina Vashkevich, Eugeny Milooshevskiy, Volha Yarmak (*Belarus*)

- P355** Surgical treatment of glaucoma in patients with posttraumatic aniridia
Nadezhda Pozdeyeva, Nadezhda Gorbunova (Russia)
- P356** Gonioscopy-assisted transluminal trabeculotomy for the treatment of glaucoma after silicone-oil removal in vitrectomized eyes
Zeynep Aktas, Ahmet Yucel Ucgul, Murat Hasanreisoglu, Sengul Ozdek (Turkey)
- P357** Surgical management of a complex uveitic glaucoma patient with Xen 45
Altan Ozcan, Goksu Hande Simdivar (Turkey)
- P358** Drainage surgery of the secondary glaucoma. Ahmed valve and Ex-PRESS shunts: pros and cons
Alla Sidorova, Anna Starostina, Maria Eliseeva, Evgenia Smirnova (Russia)
- P359** Microimpulse cyclophotocoagulation in combined neovascular glaucoma treatment
Nazir Khodzhaev, Alla Sidorova, Evgenia Smirnova, Maria Eliseeva, Anna Starostina (Russia)
- P360** Surgical outcome of combined surgery for secondary glaucoma and cataract as a complication of Vogt-Koyanagi-Harada (VKH) disease
Zafrul Hassan, Bipul Kumer De Sarker (Bangladesh)
- P361** Long-term surgical outcomes of glaucoma in patients with iridocorneal syndrome: a case series
Nerea Sevilla, Marta Castany, Gloria Fernandez, Silvia Sanz, Jaume Rigo, Antonio Dou, Olivia Pujol (Spain)
- P362** Glaucoma due to elevated episcleral venous pressure and inner retinal alterations: case report
María Parrilla Vallejo, Pilar Llaveró Valero, Ana Prieto Aberasturi, Javier Palenque Sánchez, María José Cano Gómez, María José Morillo Sánchez, Cristian Cortés Laborda (Spain)
- P363** Nd:YAG laser membranotomy on Express implant in a patient with ICE glaucoma
Gema Bolivar, Miguel Castejón, Miguel Teus (Spain)
- P364** Complications after Ahmed valve implantation in a patient with a history of congenital cataract
Gisela Karlsruher, Paula Montes, Ana Boned, M^a Dolores Díaz-Barreda, Juan Ibañez, Itziar Perez, Manuel Chacon, Javier Ascaso, Juana Martinez (Spain)

14.00-14.45

Changing dynamics in glaucoma management

Welcome
Peng Khaw (*United Kingdom*)



A personal perspective: changing dynamics in glaucoma management
Peng Khaw (*United Kingdom*)

Targeting the RHO kinase pathway to support trabecular meshwork function:
from theory to clinical practice
Christophe Baudouin (*France*)

Key efficacy and safety data for netarsudil
Anton Hommer (*Austria*)

Questions from the audience Moderated by **Peng Khaw** (*United Kingdom*)

Meeting close
Peng Khaw (*United Kingdom*)

17.15-18.00

Glaucoma management: the next frontier

Moderator: **Karl Mercieca** (*United Kingdom*)



17.15
Welcome
Karl Mercieca (*United Kingdom*)

17.20
Should we focus on a more holistic management approach?
Andrew Tatham (*United Kingdom*)

17.30
The VISIONARY study: real-world in-sights from a cross-country comparison
Gábor Holló (*Hungary*)

17.40
What do you expect from glaucoma surgery?
Jose María Martínez de la Casa (*Spain*)

17.50
Live questions and answers All

40th
Anniversary
of the EGS

Educational Partners Symposia

Sunday 13 December

13.10-13.55

Challenges of current glaucoma management
(Medical symposium, for HCPs only)

- 13.10 Unmet needs in glaucoma therapy
Francisco Goñi (*Spain*)
- 13.20 Panel discussion with Q&A
- 13.25 Towards precision glaucoma
Andrew Tatham (*United Kingdom*)
- 13.35 Panel discussion with Q&A
- 13.40 Outflow at the Structural Level
Miriam Kolko (*Denmark*)
- 13.50 Panel discussion with Q&A



60 min.

Focused ultrasound: what are the long-term results?

Moderator: **Kuldev Singh** (*USA*)

European study on naïve of surgery patients:
2 year results of a multicentric study
M. Figus (*Italy*)

Efficacy and safety of UCP in open-angle glaucoma patients for 2 consecutive years. Assessment of scleral and conjunctival thickness after UCP
E. Wylegala, B. Bolek (*Poland*)

3 year data on a cohort of 104 patients. UCP retreatment strategy
F. Aptel (*France*)

2 year results of a multicentric study. Advantages of using UCP in the pandemic context
G. Giannaccare (*Italy*)



60 min.

The glaucoma & optic neuropathies trilogy

Moderator: **Stephan Schulz** (*Germany*)

Speaker: **Christian Martin** (*Germany*)



60 min.

Living with glaucoma

Moderator: **Evelien Vandewalle** (*Belgium*)

Introduction

Evelien Vandewalle (*Belgium*)

Glaucoma and quality of life

Evelien Vandewalle (*Belgium*)

Adapted patient management

Jean Paul Renard (*France*)

Glaucoma and environment

Nathalie Collignon (*Belgium*)

Glaucoma impact in real life: the street lab experience

Antoine Labbé (*France*)

Preservative-free eye drops for Glaucoma in 2020

Christophe Baudouin (*France*)



60 min.

Non-incisional glaucoma treatment: the evolution and versatility of micropulse transscleral laser therapy

Moderator: **Marc Mackert** (*Germany*)

Welcome remarks and introduction: MicroPulse TLT overview
Marc Mackert (*Germany*)

The revised MicroPulse P3 Device

- Enhancements made to the design
- MicroPulse during COVID-19
- Anesthesia

Marc Töteberg-Harms (*Switzerland*)

Sweep velocity in terms of fluence may explain variability in clinical outcomes: A literature review and analysis
Tomás Grippo (*Argentina*)

Patient selection for MicroPulse Transscleral Laser Therapy
Sandra Fernando Sieminski (*USA*)

Outcomes of MicroPulse Transscleral Laser Therapy
Ronald De Crom (*The Netherlands*)

Case examples and discussion

- Pediatric uveitis
- Keratoconus and contact lens dependency
- Glaucoma implants
- Combined with other treatments
- Aphakic glaucoma



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60 min.

The OMNI® educational exchange: next innovation in MIGS

The OMNI® Educational Exchange: Next Innovation in MIGS, virtual program sponsored by Sight Sciences, was developed to educate ophthalmologists about the importance of the conventional outflow pathway in glaucoma, and discuss the latest advances in minimally invasive glaucoma surgery (MIGS), while providing an overview of the OMNI® Surgical System. This program features five faculty presenters, several of whom described their experience, through surgical videos, using the OMNI® Surgical System in practice.



SIGHT
SCIENCES

The 5 faculty presenters are:

Norbert Körber (Moderator) *(Italy)*

Imran Masood *(United Kingdom)*

Leon Au *(United Kingdom)*

Karsten Klabe *(Germany)*

Simon Ondrejka *(Germany)*

60 min.

How can we make a real difference in glaucoma management over the long-term

Moderators: **Miriam Kolko** *(Denmark)*,
Carlo Enrico Traverso *(Italy)*

Glaucoma and inflammation: from the front to the back of the eye, and beyond
Christophe Baudouin *(France)*

Glaucoma treatment and occurrence of glaucoma surgery: real world evidence study
Vincent Daien *(France)*

When surgery is not enough: what to do?
Keith Barton *(United Kingdom)*

Quality of Life Questionnaires in glaucoma
Gus Gazzard *(United Kingdom)*



40th
Anniversary
of the EGS



European Glaucoma Society
Innovation, Education, Communication, Implementation



14th EGS Congress

12 · 13 December 2020

The European Glaucoma Society wishes to thank:

Educational Partners



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Aerie Pharmaceuticals Ltd kindly invites you to join two highly distinguished glaucoma panels for two engaging events!

1. Symposium: Changing dynamics in glaucoma management Saturday 12 December, 14:00-14:45 CET

Connect with the expert faculty members, Professor Sir Peng Tee Khaw, Professor Christophe Baudouin and Dr Anton Hommer whom will share personal perspectives on the current glaucoma landscape, including novel therapeutic approaches such as targeting the RHO kinase pathway.

There will be the opportunity to participate in a live Q&A at the end of the symposium.

2. Exclusive on-demand booth session: Experts outlook on target IOP

Take time to hear expert faculty members, Professor Francisco Goñi, Professor Gábor Holló and Professor Luca Rossetti's opinions on setting and modifying target IOP, in different scenarios.

We warmly invite you to view this session at the Aerie Pharmaceuticals Ltd virtual booth, in the EGS exhibition hall.

Thank you very much for your consideration and we wish you a productive and insightful congress.



IRIDEX



MicroPulse®

Webinar at the 14th EGS Congress

NON-INCISIONAL GLAUCOMA TREATMENT: THE EVOLUTION AND VERSATILITY OF

MICROPULSE TRANSSCLERAL LASER THERAPY



Ronald De Crom, MD
Netherlands



Tomás Grippo, MD
Argentina



Marc Mackert, MD, FEBO
Germany



Sandra Fernando Sieminski, MD
United States



Marc Töteberg-Harms, MD, FEBO
Switzerland

TOPICS

- Overview of MicroPulse® Transscleral Laser Therapy
- Enhancements made to the MicroPulse P3® Delivery Device
- The importance of the velocity of the sweeps during the procedure
- Patient selection for MicroPulse Transscleral Laser Therapy
- Outcomes of MicroPulse Transscleral Laser Therapy
- Benefits of laser treatment during COVID-19
- Case examples and discussions
- Overview of studies and data
- Anesthesia and post-op

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World Glaucoma Association
The Global Glaucoma Network

Belong to a global community: connect with other health care professionals specialized in glaucoma.

Access top-notch resources: receive free online access to our publications: The International Glaucoma Review (IGR) and the Journal of Glaucoma (JOG) and read the latest news of the WGA in our monthly newsletter.

Help drive glaucoma awareness: have a voice to advocate for glaucoma and participate in World Glaucoma Week, planned annually in March.

Experience significant savings: take advantage of a discount on the registration fee for our biennial World Glaucoma Congress (WGC).

Boost your knowledge on glaucoma: develop your professional standing and that of your institution by using our educational portal, online courses and webinars.

Experience strength in numbers: gain valuable insights with the Glaucoma Consensus Initiative, based on the idea that the collective wisdom of a group is better than the opinion of a single expert.

Support your patients: relay unbiased information about glaucoma, using accessible language in a user-friendly platform.



The **World Glaucoma Association (WGA)** is an independent, impartial, ethical global organization for glaucoma science and care. WGA's core purpose is to eliminate glaucoma-related disability worldwide.

The WGA is the largest international glaucoma association, encompassing a network of 88 Glaucoma Societies worldwide and 11 Glaucoma Industry Members with over 12,000 individual members.

 www.worldglaucoma.org

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