

APGC 2022 PROGRAM

Correct as at 30.7.22

Day 1 - Thursday 4 August 2022

ALL SESSIONS FULLY VIRTUAL

APGC abstract session 1

Session chairs: Vijaya Lingham and Visanee Tantisevi

Prospective Multicentre Trial of iStent infinite Trabecular Micro-Bypass in Glaucoma Uncontrolled by Prior Surgical or Medical Therapy

Robert Ang

Complications and Post-operative Interventions after XEN45 Gel Stent Implantation in the Treatment of Open Angle Glaucoma – A Meta Analysis

Bjorn Betzler

Combined Ab-interno Canaloplasty (ABiC) in open and angle closure glaucoma: 12 month outcomes

Jason Cheng

Comparison Of Extended Depth Of Focus And Monofocal Intraocular Lenses In Glaucomatous Eyes

Nathan Kerr

Comparative study of 2-year outcomes for Hydrus or iStent inject microinvasive glaucoma surgery implants with cataract surgery

Colin Clement

Comparison of Short-Term Clinical Outcome between Ahmed Valve Implant versus Non-valved Paul implant in Malaysian Glaucoma patients

Sze Lian Loh

Intraocular Pressure Control After Trabeculectomy with Intraoperative Subtenon Injection of Mitomycin – C

Pir Salim Mahar

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

0900 - 1030

	<p>Comparison of choroidal thickness after topical prostaglandin therapy in primary open angle glaucoma patients- a case series Gajashree S</p> <p>Online Perimetry: Validation, comparison with standard automated perimetry and patient appraisal Simon Skalicky</p> <p>Incidence of Hypotony Post Glaucoma Drainage Device Implantation: Paul vs Baerveldt Melissa Pei Yin Wang</p> <p>Q&A</p>
1030 - 1100	Break
1100 - 1230	<p>American Glaucoma Society (AGS) symposium - Best of AGS</p> <p>Session chairs: Pradeep Ramulu and Pratap Challa</p> <p>The LiGHT Trial: 6-Year Follow-Up Results Evgenia Konstantakopoulou</p> <p>Rate of Visual Field Progression among Participants who developed POAG in Phase 1 or 2 in the Ocular Hypertension Treatment (OHTS) Study James Brandt</p> <p>Visual Field Outcomes from the Randomized, Multicenter, HORIZON trial Giovanni Montesano</p> <p>Effectiveness of Micro-invasive Glaucoma Surgery in the United States: IRIS Registry Longitudinal Analysis 2013-2018 Shuang-An Yang</p> <p>Genetic Factors Associated with Primary Open Angle Glaucoma (POAG) in the Ocular Hypertension Treatment Study (OHTS) John Fingert</p> <p>Prospective, Randomized, Multicenter, Open-label, 12-Month Evaluation of the Effectiveness and Safety of the Gel Stent vs Trabeculectomy: the Gold Standard Pathway Study (GPS) Arsham Sheybani</p> <p>Q&A</p>
1230 - 1300	Break
1300 - 1430	<p>World Glaucoma Association (WGA) symposium: Bleb and non-bleb based surgeries: pearls from international experts</p> <p>Session chairs: Kaweh Mansouri and Tanuj Dada</p> <p>Micropulse TLT: Clinical pearls for the best results Jose Martinez de la Casa</p> <p>Canaloplasty or Goniotomy: Which is best? Inder Paul Singh</p>

	<p>Stenting: How to make them work for the patient Kyung Rim Sung</p> <p>XEN: Inside Out vs.Outside In? Kaweh Mansouri</p> <p>TRABS: Best practices for successful outcomes Paul Healey</p> <p>Tubes: Optimizing your outcomes Da Wen Lu</p> <p>Q&A</p>
1430 - 1500	Break
1500 - 1630	<p>APGC Film Festival</p> <p>Session chairs: Joseph A Tumbocon and Do Tan</p> <p>How to do Guided Implantation of Ahmed Glaucoma Valve and Its Usefulness Chang Kyu Lee</p> <p>Does Size Matter? Yong Zheng Wai</p> <p>Releasable Suture in Trabeculectomy - A Boon to Glaucoma Madhuri Manapakkam</p> <p>Surgical techniques for management of hypotonic maculopathy Nidhi Chauhan</p> <p>XEN Resuscitation: Management of complications Suho Lim</p> <p>Novel Use of the Intra-Operative Optical Coherence Tomography in Trabecular Bypass Minimally Invasive Glaucoma Surgery Bryan Ang</p> <p>A start to Trabectome Surgery: Must know tips and tricks! Sahebaan Sethi</p> <p>The Do-It-Yourself, Novel, Safe & Cost-Effective Diagnostic Cubicle for Glaucoma Practice in The COVID-19 Era Prasanna Venkatesh Ramesh</p> <p>Tailoring the Tube – Managing complications of Glaucoma Drainage Devices. Amit Pandey</p>

	<p>Affordable MIGS- Training & Surgery Smita Narayanan</p> <p>Q&A</p>
1630-1700	Break
1700-1830	<p>Normal pressure glaucoma</p> <p>Session chairs: Mimiwati Zahari and David Woo</p> <p>OCTA in NTG Lan-Hsin Chuang</p> <p>Cognitive impairment in NTG Puspha Raman</p> <p>Risk Factors Associated with Progression in Normal-Tension Glaucoma: Systemic Blood Pressure Hyoung Won Bae</p> <p>Risk factor of progression in NTG with lower IOP controlled under 13mmHg Rei Sakata</p> <p>Special attention to disc hemorrhage in NTG Kazuhisa Sugiyama</p> <p>NTG and metabolic syndrome Virna Dwi Oktariana Asrory</p> <p>Obesity, Nutrient supply and glaucoma Joon Kim</p> <p>Q&A</p>
1830-1930	<p>Introducing Hydrus® Microstent into your clinical practice Brought to you by ALCON</p> <p>Chairperson: Chelvin Sng</p> <p>Hydrus® Outcomes in the 5 year HORIZON Trial Graham Lee</p> <p>Hydrus® Microstent Surgical Implantation Steps Shamira Perera</p> <p>Integrating into Practice with Hydrus® Nathan Kerr</p>

Day 2 - Friday 5 August 2022
ALL SESSIONS FULLY VIRTUAL

MSJOC oral presentations

Session chairs: Mae-Lynn Catherine Bastion and Teh Wee Min

In vitro and in vivo Biodegradation of PHA polymer: Regenerative Strategy for Corneal Application

Bakiah Shaharuddin

Dry Eye Management with Diquafosol 3% Eyedrops Before and After Cataract Surgery

Mun Wai Lee

Machine learning for predicting childhood myopia progression

Yong Li

Conditioned Media from Mesenchymal Stem Cells Upregulates Corneal Epithelial Genes Expression on PHA

Bakiah Shaharuddin

Retinal neural dysfunction in diabetes revealed with handheld chromatic pupillometry

Tan Tien-En

Intra-arterial Chemotherapy for Retinoblastoma: 7-years outcomes in Malaysia

Yong Zheng Wai

Umbilical cord plasma therapy for recalcitrant dry eye disease in a local Singaporean context

Joy Wong

Q&A

0900 - 1030

1030 - 1100

Break

International Society of Glaucoma Surgery (ISGS) symposium: Reducing risk in Glaucoma Surgery

Session chairs: Surinder Pandav and Michael Coote

Tubes in older patients as primary treatment

Andy Crichton

Reducing variation in outcome of Trabeculectomy

Surinder Pandav

Reducing Needling rates in XEN implants

Michael Coote

1100 - 1230

	<p>Reducing risk in vulnerable and isolated patient groups Tarek Shaarawy</p> <p>Auditing risk management in surgery Kerr Brogan</p> <p>Managing the stent in GDD - tips and pearls Keith Barton</p> <p>Q&A</p>
1230 - 1300	Break
	APGC abstract session 2
	<p>Session chairs: Nazrul Islam and Ningli Wang</p> <p>Effect of Trans-resveratrol on NMDA Induced Retinal Injury: Involvement of AA1R Afiqq Aiman</p> <p>Incidence and factors associated with brimonidine allergy Sunee Chansangpetch</p> <p>Caregiver burden in Childhood Glaucoma Nidhi Chauhan</p> <p>Combined phaco-emulsification and trabecular micro-bypass stent (iStent inject) for management of cataract and glaucoma: prospective longitudinal outcomes from the Fight Glaucoma Blindness Registry Colin Clement</p> <p>Reduced intradisc vessel density is associated with optic disc hemorrhage in eyes with primary open-angle glaucoma Ko Eun Kim</p> <p>PreserFlo™ Microshunt: Safety and Efficacy Outcomes in Uveitic Glaucoma Jonathan Kirk</p> <p>Assessment of the Anterior Chamber Angle and Central Biometric Parameters with Hyperparallel Optical Coherence Tomography Natalia Porporato</p> <p>The efficacy and safety of prostaglandin analogues/ timolol fixed combinations in glaucoma and ocular hypertension: a systematic review and meta-analysis Parin Trabwongwitaya</p>
1300 - 1430	

	<p>Iridolenticular Contact Area, Pupil Block and Primary Angle Closure Tin A Tun</p> <p>Low Optic Disc Perfusion Evaluated with Swept Source Optical Coherence Tomography Angiography is Associated with Visual Field Progression in Open Angle Glaucoma Jooyoung Yoon</p> <p>Q&A</p>
1430 - 1500	Break
1500-1645	<p>Trabeculectomy and GDD: How to improve outcomes</p> <p>Session chairs: Ikke Sumantri and Norshamsiah Md Din</p> <p>Improving surgical technique of trabeculectomy Nazrul Islam</p> <p>Filtration surgery with stent Prin Rojanapongpun</p> <p>Rescuing of failing trab Michael Coote</p> <p>Improving outcome of GDD Paul Chew</p> <p>Managing cataract along with tubes surgery Ishtiaque Anwar</p> <p>Fixing common complications of GDD Victor Koh</p> <p>Placement of GDD tube: anterior chamber or sulcus? Ch'ng Tun Wan</p> <p>Q&A</p>
1645-1700	Break

Video symposium on challenging situations in glaucoma surgery

Session chairs: Chan Yun Kim, Da Wen Lu and Gan Eng Hui

The art of deep sclerectomy

Andre Mermoud

Filtration surgery at the inferior limbus - when and how

Leon Au

iStent misadventures & how to manage

Bryan Ang

Difficult xen implantation: stay zen

Kaweh Mansouri

How to restore a failing filter

Vital Costa

Ab interno repair of a cyclodialysis created while doing GSL

Shamira Perera

Difficult situations after tubes

Surinder Pandav

Surgical management of nanophthalmos with glaucoma

Sirisha Senthil

How to manage hypotony maculopathy

Paul Palmberg

Challenges in congenital glaucoma

Alana L Grajewski

Q&A

Hybrid wetlab: Live wetlab featuring the Hydrus® Microstent Brought to you by ALCON

In-person wetlab session

Hydrus® instructors

Wetlab virtual broadcast

Hydrus® instructors

Didactic session & hands-on wetlab

Nathan Kerr, Shamira Perera, Bryan Ang

Day 3 - Saturday 6 August 2022

ALL SESSION HYBRID

In-person congress sessions will be held in Exhibition Hall 6B

Opening of APGC 2022

Opening comments from APGC 2022 Congress chair

SK Fang

Opening comments from APGS President

Ki Ho

Opening comments from MSJOC Congress Chair

Hon Seng

Opening comments from MSO President

Mano Shunmugan

Opening comments from SSO President

Lee Shu Yen

PLENARY SESSION: Hot topics in glaucoma

Session chairs: Paul Healey and Jemaima Che Hamzah

New IOP lowering agent

Reza Razeghinejad

Micropulse trans-scleral cyclophotocoagulation: when? who? optimal setting?

Shan Lin

Multifocal IOL in glaucoma patients / EDOF IOLs

Catherine Liu

Visual rehabilitation for patients with glaucoma: where are we now?

Liza Sharmini Ahmad Tajudin

Aqueous outflow regulation – 21st century concepts

Chen Xin

	<p>Role of Intraocular MIGS without conjunctival incision: when? who? tips for surgical success Kaweh Mansouri, Switzerland (V) 10 mins</p> <p>Optimising microtube implantation Peng Khaw (IP) 10 mins</p> <p>Diagnostic accuracy of total macular thickness in glaucoma Mimiwati Zahari (IP) 10 mins</p> <p>Q&A 10 mins</p>
1000-1030	Break
	Paediatric Ophthalmology
1030-1200	<p>Session chairs: Tsiang Ung, Jamalia Rahmat and Lai Yi En</p> <p>Myopia progression and online learning Safinaz Mohd Khialdin (IP) 10 mins</p> <p>Acquired esotropia and digital eye strain Shatriah Ismail (IP) 10 mins</p> <p>Pediatric craniosynostosis - a difficult year due to pandemic restrictions Choo May May (IP) 10 mins</p> <p>Intraarterial chemotherapy in retinoblastoma Norhafizah Hamzah 10 mins</p> <p>Refractive surgery in children Azura Ramlee (IP) 10 mins</p> <p>Gene therapy in paediatric ophthalmology Chan Hwei Wuen (V) 10 mins</p>

	<p>Intermittent exotropia - early or late surgery Norazah Abdul Rahman (IP) 10 mins</p> <p>Great mimics in Paediatric ophthalmology Fazilawati A. Qamarrudin (IP) 10 mins</p> <p>Panel discussion 10 mins</p>
1200-1330	Lunch
1215-1330	<p>The three wishes of glaucoma management: early diagnosis, effective treatment & enhanced adherence Brought to you by SANTEN</p> <p>Chairperson: SK Fang</p> <p>Expert roundtable SK Fang, Makoto Aihara and Ki Ho Park</p> <p>Join the conversation SK Fang, Makoto Aihara and Ki Ho Park</p> <p>Prostaglandin-Associated Periorbitopathy Syndrome (PAPS) Guidebook launch SK Fang</p>
1330-1500	<p>PLENARY SESSION: Current concepts in primary angle closure disease</p> <p>Session chairs: Norman Aquino and Mohd Aziz Husni</p> <p>Effect of myopia and cataract surgery on burden of angle closure disease in Asia Mingguang He</p> <p>Genetics of angle closure disease - what we have learnt? Tin Aung</p> <p>Evidence based management options for PACS, PAC and PACG Lingam Vijaya</p> <p>Diagnostic tools for angle closure disease - Gonioscopy or anterior segment OCT? Kyung Rim Sung</p> <p>Management options for acute primary angle closure (APAC) Clement Tham</p>

	<p>Internal drainage surgery - goniosynechialysis, MIGS and other newer options Xiulan Zhang</p> <p>Aqueous misdirection and other secondary angle closures Tetsuya Yamamoto</p> <p>Utility of AI in diagnosing PACD Benjamin Xu</p> <p>Q&A</p>
1500-1530	Break
	Cornea
1530-1700	<p>Session chairs: K John Mathen and Marcus Ang</p> <p>Clinical pearls in managing infectious keratitis Chandramalar Santhirathelagan</p> <p>Allergic eye disease management Wan Haslina</p> <p>Descemetopexy in descement's membrane detachment after cataract surgery Siti Nor Roha</p> <p>Management of OSSN Che Mahiran</p> <p>Role of contact lens in ocular surface disorder On Heong Liew</p> <p>DMEK- Learning curve and pearls to overcome Anshu Arundhati</p> <p>Panel discussion</p>
	DuoTrav® and Simbrinza® for IOP Lowering Brought to you by DKSH
1700-1800	<p>Chairperson: Mimiwati Zahari</p> <p>The recent advances in glaucoma management Tin Aung</p>

1800-1900	Networking drinks
1900 - 2000	European Glaucoma Society (EGS) symposium: Highlights from the EGS congress in Athens 2022 Chairpersons: Luis Pinto Pinto and Ananth Viswanathan EGS Guidelines on Surgical innovation Luis Abegao Pinto Will genotyping change our everyday practice in the future? Ananth Viswanathan Choosing wisely – avoid fiddling with timing of surgery while Rome burns Stylios Kandarakis Can glaucoma be reversed with neuroregeneration? Keith Martin The EGS Patient Project Stelios Georgoulas Live discussion

Day 4 - Sunday 7 August 2022	
ALL SESSION HYBRID	
In-person congress sessions will be held in Exhibition Hall 6B	
0830-1000	Retina Session chairs: Hon Seng Wong and Daniel Ting Relevant imaging features in managing wet & dry AMD Embong Zunaina Non-exudative AMD Daniel Ting Fluid or no fluid in managing AMD Tara Mary George Persistent fluid in neovascular AMD: Optimizing treatment regime Gavin Tan

	<p>Learnings from local wet AMD patients: Pagenax related IOI Shelina Oli Mohamad</p> <p>Better efficacy and longer durability: new agents in management of wet AMD Wong Jun Shyan</p> <p>PCV: Is there still a role for PDT? Norfariza Ngah</p> <p>Challenging cases in AMD Barkeh Hanim</p> <p>Panel discussion</p>
1000-1030	Break
1030-1200	<p>Minimally invasive glaucoma surgery</p> <p>Session chairs: Colin Clement and Ng Hong Kee</p> <p>Troubleshooting subconjunctival MIGS Keith Barton, United Kingdom</p> <p>Aqueous Angiography guided MIGS Tanuj Dada</p> <p>Pediatric glaucoma surgery Ching Lin Ho</p> <p>Japanese clinical study of Preserflo Microshunt and its potential Makoto Aihara</p> <p>Surgical predictor of Xen Gel Stent Seungsoo Rho</p> <p>Advances in ab interno canaloplasty Nathan Kerr</p> <p>Suprachoroidal drainage Tarek Shaarawy</p> <p>Microhook ab interno trabeculotomy Masaki Tanito</p> <p>Q&A</p>

1200-1330	Lunch
1330-1500	<p>Cataract/refractive surgery</p> <p>Session chairs: Lee Mun Wai and Zainah Alsagoff</p> <p>Introduction & definition Miswan Muiz Mayhudin</p> <p>Laser Vision correction Miswan Muiz Mayhudin</p> <p>Implantable contact lens Mohamad Rosman</p> <p>Lens options for cataract and clear lens exchange Khairidzan Mohd Kamal</p> <p>Ocular biometry for high myopia Fam Han Bor</p> <p>Pearls for high myope cataract surgery Lee Mun Wai</p> <p>Panel discussion</p>
1500-1530	Break
1530-1700	<p>PLENARY SESSION: APGS Presidential symposium: Imaging in glaucoma with OCT and AI</p> <p>Session chair: Tin Aung, Ki Ho Park and Liza Sharmini</p> <p>Detection of early glaucoma using OCT Joel Schuman</p> <p>AI in glaucoma care Felipe Medeiros</p> <p>OCT in myopic glaucoma Ki Ho Park</p> <p>Estimation of the central 10-degree visual field using en-face images obtained by optical coherence tomography Takeo Fukuchi</p> <p>AI in glaucoma diagnosis and prediction Xiulan Zhang</p>

	<p>Describing the structural and biomechanical phenotype of glaucoma using AI Michael Girard</p> <p>Glaucoma Diagnostics in the Era of High-Resolution Imaging and AI: A New Horizon Jin Wook Jeoung</p> <p>Q&A</p>
1700-1830	<p>Awards symposium and closing ceremony</p> <p>Session chairs: SK Fang and Jelinar Mohamed Noor</p> <p>APGC best free paper awards</p> <p>APGC Film Festival awards</p> <p>MSJOC oral abstract award</p> <p>MSJOC poster award</p> <p>1. Young Investigator award Chelvin Sng</p> <p>2. Asia Pacific Award: Optic disc hemorrhage and its clinical significance Tetsuya Yamamoto</p> <p>3. International Award Neeru Gupta</p> <p>4. Keshmahinder Singh oration: Innovations and Advances in Translational Research Sir Peng Khaw</p> <p>5. Distinguished service award from MGS Ropilah Abdul Rahman</p> <p>MSO keynote lecture: Diabetic Vitrectomy- Is there still a role in the age of Anti-VEGF? Lee Shu Yen</p>