

PROGRAM

Friday 21st February 2020

7.30 – 8.30	Registration
8.30 – 8.40	Welcome from ANZGS President A/Prof Anne Brooks
8.40 – 10.00	Case Presentations Managing complex glaucoma cases Session Chair: Dr Ridia Lim Panel: A/Prof Anne Brooks, Prof Robert Casson, Prof Keith Martin, A/Prof Simon Skalicky, Dr Mark Walland Presenters: Dr Anmar Abdul-Rahman, Dr Alp Atik, Dr Graham Lee, Dr. David Lubeck, Dr David Manning, Prof William Morgan
10.00 – 10.30	Morning Tea Exhibitor Area - Ian McLachlan Room (East)
10.30 – 11.55	Focus on personalised medicine and genetic risk factors Session Chairs: A/Prof Paul Healey, Prof Alex Hewitt & Prof David Mackey
10.30 - 11.00	Low Lecture Introduction: Professor David Mackey Speaker: Dr Anthony Khawaja Towards personalised care of glaucoma patients.
11.00 – 11.12	Dr Puya Gharakhani A large cross-ancestry meta-analysis of genome-wide association studies identifies novel risk loci for primary open-angle glaucoma, and shows a genetic link to Alzheimer's disease
11.12 – 11.24	Dr Ayub Qassim A polygenic risk score predicts intraocular pressure fluctuation and readings outside office hours as measured by home tonometry
11.24 – 11.31	Dr Jason Charng Age dependent retinal nerve fibre changes in SIX6-SIX1 polymorphism

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11.31 - 11.46	Dr Stuart MacGregor The future for using polygenic risk scores for glaucoma risk prediction
11.46 - 11.55	Professor Jamie Craig Recent data on the prospects for genetic scores to help in managing glaucoma patients
11.55 - 12.05	Glaucoma Australia Presentation
12.05 - 12.20	ANZGS: Annual General Meeting
12.20 - 13.20	Lunch Exhibitor Area - Ian McLachlan Room (East)
13.20 - 15.30	Focus on glaucoma risk factors. Session Chairs: A/Prof Anne Brooks, A/Prof John Landers & A/Prof Paul Healey
13.20 - 13.50	Dr Anthony Khawaja A fresh look at glaucoma risk factors
13.50 - 13.58	Dr Sean Mullany Normal tension glaucoma is associated with cognitive impairment
13.59 - 14.07	Dr Henry Marshall Systemic vascular risk factors and IOP determine the location of structural and functional defects in early glaucoma
14.08 - 14.16	Dr Samantha Lee Associations between obstructive sleep apnoea and the retinal nerve fibre layer thickness
14.17 - 14.25	Dr Ayub Qassim The effect of phacoemulsification cataract surgery on intraocular pressure in early glaucoma: a prospective multi-site study

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14.26 – 14.34	Dr Christopher Jong	The Computerized Glaucoma Visual Function Test: a pilot study evaluating computer-screen based tests of visual function in glaucoma
14.35 – 14.43	Dr Anmar Abdul-Rahman	Measurement of Normal Retinal Vascular Pulse Wave Attenuation Using Modified Photoplethysmography
14.44 – 14.52	Dr Alp Atik	Recent Experience of Cataract Surgery in Nanophthalmic Eyes at the Royal Victorian Eye and Ear Hospital
14.53 – 15.01	Dr Puspha Raman	The Association Between Visual Field Reliability Indices and Cognitive Impairment in Glaucoma Patients
15.02 – 15.10	Dr Samantha Sze-Yee Lee	Impact of glaucoma on executive function and visual search as evaluated using the Trail Making Test
15.11 – 15.19	Dr Sebastian Derham	Relieve the Pressure; improving glaucoma clinic experience and efficiency
15.20 – 15.28	Mr Gareth Lingham	Frequency of sectoral retinal nerve fibre layer thickness misclassification in a cohort of 1365 young healthy adults using the Heidelberg Spectralis reference
15.30 – 16.00	Afternoon Tea Exhibitor Area - Ian McLachlan Room (East)	
16.00 – 17.00	Focus on improving tube surgery outcomes	Session Chairs; Professor Jamie Craig, A/Prof Mitchell Lawlor, A/Prof Graham Lee

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16.00 – 16.52

A/Prof Graham Lee

Glaucoma Drainage Device Technique – Deriving an ANZ Consensus step by step.
Surgical variations will be presented with videos.

A/Prof Mitchell Lawlor
Sulcus placement

Prof Jamie Craig
Internal Intraluminal stenting

16.52 - 17.00

Prof William Morgan

Initial results from a Glaucoma Drainage Device designed for Indonesia

19.00

Conference Dinner
Adelaide Oval – Ian McLachlan Room (West)

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Saturday 22nd February 2020

8.30 – 10.15 Case Presentations
Focus on Managing, and preventing MIGS complications.

Chair: A/Prof Anne Brooks

Panel:
Dr Anthony Khawaja, A/ Prof Mitchell Lawlor,
A/Prof Graham Lee, Dr Ridia Lim, A/Prof Paul McCartney, Prof
William Morgan.

Presenters:
Dr Anthony Khawaja, Dr Simon Phipps,
A/Prof Graham Lee, Prof Jamie Craig

10.15 – 10.45 **Morning Tea**
Exhibitor Area - Ian McLachlan Room (East)

10.45 – 12.30 **Using cutting edge technology to advance new management strategies**

Session Chairs: Prof Jamie Craig, Prof David Mackey & Professor Keith Martin

10.45 – 11.15 **Gillies Lecture**

Introduction: Prof Jamie Craig
Speaker: Professor Alex Hewitt

Leveraging genetics to understand the molecular mechanisms of glaucoma

11.15 – 11.45 **A Conversation with:
Dr Anthony Khawaja by
A/Prof Anne Brooks**

11.45 – 11.49 **Prof Robert Casson**

Update on the Global Prevalence of Glaucoma Blindness

11.49 – 11.59 Prof Keith Martin

Update on prospects for neuroprotective gene therapy in glaucoma

11.59 - 12.19 Dr Mark Hassall

Neuroglobin gene therapy for retinal ganglion cell neuroprotection in a rodent model of glaucoma

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12.19 – 12.29	Dr Owen Siggs The role of the ANGPT-TEK pathway in regulation of intraocular pressure – therapeutic potential?
12.29 – 12.40	RANZCO President A/Prof Heather Mack Update from the College
12.40 – 13.40	Lunch Exhibitor Area - Ian McLachlan Room (East)
12.40 – 13.40	ANZGS Committee Meeting Ian McLachlan Room (West)
13.40 – 15.20	Focus on MIGS outcomes and surgical variations Session Chairs: A/Prof Simon Skalicky, Professor William Morgan, A/Prof Mitchell Lawlor
13.40 – 13.50	Dr Colin Clement 2 Year Outcomes of 2nd Generation Trabecular Micro-Bypass Stents (iStent inject) Combined with Cataract Surgery
13.50 – 14.00	Prof William Morgan Data collection and early follow up results from XEN 45
14.00 – 14.10	Dr Bob Wang Incidence of XEN Gel Stent Related Endophthalmitis
14.10 – 14.20	Dr Bob Wang Early Outcome of Semi-open Subtenon ab interno XEN stent Insertion Compared to Standard Technique
14.20 – 14.30	Dr David Lubeck Evaluation of Endothelial Cell Density and Loss Following iTrack Ab-Interno Canal Based Surgery
14.30 – 14.40	A/Prof Mitchell Lawlor Early outcomes from the first 5 PreserFlo microshunt implants performed in Australia
14.40 – 14.50	Dr Jed Lusthaus Haemoglobin video imaging provides a non-invasive method to detect and quantify aqueous outflow peri-operatively

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14.50 – 15.00	Dr Rahul Dwivedi Hydrus Microstent: 3-year post-operative outcomes from Auckland, New Zealand
15.00 – 15.20	A/Prof Mitchell Lawlor MIGS: Updating the evidence from recently published RCT data
15.20 – 15.50	Afternoon Tea Exhibitor Area - Ian McLachlan Room (East)
15.50 – 16.50	Focus on improving trabeculectomy outcomes. Chairs: Prof Robert Casson & Dr Mark Walland
15.50 – 15.55	A/Prof John Landers Introduction and historical perspective of Trabeculectomy outcomes
15.55 – 16.05	Dr Deus Bigirimana Indications for trabeculectomy at the Royal Victorian Eye and Ear Hospital
16.05 – 16.15	Dr Keith Ong Groove Sclerectomy in Trabeculectomy
16.15 – 16.25	Dr John Landers Avastin trabeculectomy study – preliminary analysis of a prospective surgical RCT
16.25 – 16.30	Dr Keith Ong Avoiding BAK in post-op eye drops reduces the need for subconjunctival 5FU injection post-trabeculectomy
16.30 – 16.40	Dr David Manning Pseudo-phacomorphic glaucoma; a quiet, new epidemic?
16.40 – 16.50	Dr Tanya Karaconji Surgical Management for Glaucoma in Sturge-Weber Syndrome: Experience from a Tertiary Referral Paediatric Hospital
16.50	Conference Close: Prof Jamie Craig & A/Prof John Landers