

PROGRAM – SATURDAY 9 NOVEMBER 2019

Updated on 24 September 2019

Program is subject to change

0645–0800	Allergan Hosted Morning Symposium Title: TBC Speakers: TBC Chair: TBC Room: C4.5
0830–0900	ASO AGM Room: Darling Harbour Theatre <i>Trade and media not eligible to attend AGM's</i>
0900–0930	RANZCO AGM Room: Darling Harbour Theatre
0930–1000	ORIA AGM Room: Darling Harbour Theatre
1000–1030	MORNING TEA
1030–1100	RANZCO Congress Opening Lecture Eyes on the Skies: How Astronomy is Transforming our Vision of the Universe Speaker: Prof Lisa Harvey-Smith Chair: Dr Christine Younan Room: Darling Harbour Theatre
1100–1130	The Norman McAlister Gregg Lecture Artificial Intelligence in Ophthalmology: Concepts, Progress, Challenges and Myths Speaker: Prof Tien Y Wong Chair: Prof Stephanie Watson Room: Darling Harbour Theatre
1130–1200	Paediatrics Update Lecture IOL Use in Children Under Age 2 Years – What Have We Learned? Speaker: Prof David A Plager MD Chair: A/Prof James Elder Room: Darling Harbour Theatre
1200–1330	LUNCH
1330–1500	CONCURRENT SESSIONS
1330–1500	Symposium: Teaching and Learning Cataract Surgery Chair: Dr Jacqueline Beltz Room: C4.1 Topics and speakers: Introduction, basic concepts, and curriculum <i>Jacqueline Beltz</i> Lab Training: Wet, Dry, Virtual Reality and Mind <i>Danielle Buck</i> Trainer and Trainee Feedback <i>Dr Catherine Green AO</i> Surgical Assessment at RVEEH <i>Dr Rahul Chakrabarti</i> Trainee perspectives and attributes of an excellent trainer <i>Dr Tiffany Lo</i> Complication Training <i>Dr Bernardo Soares</i> Mind skills - striving for excellence <i>Dr Jacqueline Beltz</i> Audience discussion and participation

1330–1500

Symposium: Neuro-Ophthalmic Emergencies: Help! It's a Neuro Patient, What Do I Do Now?

Chairs: A/Prof Celia Chen and A/Prof Clare Fraser

Room: Darling Harbour Theatre

Topics and Speakers:

Unilateral optic disc swelling

- Outline the pathogenesis that can lead to unilateral disc swelling
- Discuss the serious systemic disorders that present with unilateral disc swelling
- Highlight differences in frequencies and clinical features of unilateral disc swelling in different age groups that can help to accurately determine cause and predict outcome

Prof Helen Danesh-Meyer

Bilateral optic Disc swelling

- Highlight the diagnostic pathway in bilateral optic nerve swelling including systemic causes, cerebral disease and venous sinus diseases
- Discuss the investigation and management algorithm in bilateral optic nerve swelling

A/Prof Celia Chen

Sudden onset anisocoria

- Outline of the anatomy and pathogenesis that can lead to acute onset anisocoria
- Discuss the clinical presentations and important signs accompanying dangerous anisocoria
- Discuss the investigation pathway in sudden onset anisocoria

A/Prof Mitchell Lawlor

Sudden onset double vision

- Present a systematic diagnostic approach in acute onset double vision
- Highlight the features of dangerous diplopia
- Provide a decision pathway for acute investigation and management in sudden onset double vision

Dr Ioanne Anderson

Transient monocular blindness and TIA

- Discuss the presentation and epidemiology of transient monocular visual loss to cerebrovascular event
- Highlight the recommended RANZCO management pathway developed jointly by stroke neurologist and ophthalmologist in transient visual loss

A/Prof Andrew Lee

1330–1500

Symposium: Ocular Manifestation of Genetic Syndromic Diseases: When to Look Beyond the Eyes?

Chairs: Prof Alex Hewitt and Dr Fred Chen

Room: C4.4

Topics and Speakers:

Introduction

Prof Alex Hewitt

Glaucoma and genetic syndromes

Dr Emmanuelle Souzeau

Anterior segment dysgenesis / micro-ophthalmia and genetic syndromes

Dr Alan Ma

Syndromic retinal dystrophy

Prof Robyn Jamieson

Phakomatosis and systemic workup

Prof David A Plager MD

Genetic counselling in ocular syndromic diseases

	<p><i>Ms Lisa Kearns</i></p> <p>Clinical case examples and discussions <i>Dr Fred Chen</i></p>
1330–1500	<p>Symposium: Emerging Therapies in Retinal Diseases: The Bionic Retina, Gene Therapy and Stem Cells Chair: A/Prof Matthew Simunovic Room: C4.5</p> <p>Topics and Speakers: Bionic Retina <i>A/Prof Penelope Allen</i></p> <p>Retinal gene therapy <i>Dr Thomas Edwards</i></p> <p>Causative gene-independent approaches <i>A/Prof Matthew Simunovic</i></p> <p>Emerging laser interventions in inherited retinal degenerations and ARMD <i>Prof John Marshall</i></p>
1330–1500	<p>Rapid Fire Session: Glaucoma Chairs: Dr Stephen Best and A/Prof Anne Brooks Room: C4.6 – C4.7</p> <p>Topics and Speakers:</p>
1330–1337	<p>The Fight Glaucoma Blindness! registry: design, baseline characteristics and early outcomes of combined cataract surgery with iStent inject <i>A/Prof Mitchell Lawlor</i></p>
1337–1344	<p>Serum Th1 and Th17 related cytokines and the activation of complement system in patients with Posner-Schlossman syndrome <i>Dr Jun Zhao</i></p>
1344–1351	<p>Clinical phenotypes of glaucoma patients stratified by an intraocular pressure polygenic risk score <i>Ayub Qassim</i></p>
1351–1358	<p>Corneal manifestations associated with variants in FOXC1 and PITX2 genes in anterior segment dysgenesis <i>Dr Mallika Prem Senthil</i></p>
1358–1405	<p>The relative impact of monogenic and polygenic risk variants on age at glaucoma diagnosis <i>Dr Owen Siggs</i></p>
1405–1412	<p>Population, disease characteristics and outcomes for the Hydrus Microstent MIGS in Australia & New Zealand <i>Dr Ashish Agar</i></p>
1412–1419	<p>Minimally Invasive Glaucoma Surgery (MIGS) as a standalone procedure for glaucoma in Australia and New Zealand <i>Eleanor Hall</i></p>
1426–1433	<p>Systemic vascular risk factors and IOP determine the location of initial structural and functional deficit in early glaucoma <i>Mr Henry Marshall</i></p>
1433–1440	<p>Reliability of Self-directed Home Monitoring of Visual Field with Tablet Perimeter <i>Dr George YX Kong</i></p>

1440–1447	Automating glaucoma diagnosis through Convolutional Neural Networks (AI) <i>Samuel Marks</i>
1500-1530	AFTERNOON TEA
1530–1700	CONCURRENT SESSIONS
1530–1700	<p>Symposium: Posterior Capsule Rupture Management and IOL Options in Compromised Capsule Support Chair: Dr Minu Mathen Room: C4.1</p> <p>Topics and Speakers: Strategies to prevent posterior capsule tear <i>Dr Minu Mathen</i></p> <p>Nucleus management, in presence of PC rupture, at different stages during phacoemulsification <i>Prof Soon-Phaik Chee</i></p> <p>Cortex Removal and Basics of Anterior Vitrectomy Techniques <i>Dr David Lubeck</i></p> <p>Principles of Pars Plana approach for anterior Vitrectomy for the anterior segment surgeon <i>A/Prof Nitin Verma AM</i></p> <p>Posterior chamber and Anterior chamber IOL options in cases with compromised capsule support <i>Dr Elias Jacob Veepanat</i></p> <p>Iris and scleral sutured IOLs <i>Dr Vignesh Raja</i></p> <p>Glued Scleral fixated IOL <i>Dr Minu Mathen</i></p> <p>Glueless, sutureless Scleral fixated IOLs <i>Dr Rodney John Morris</i></p> <p>Case based discussion on videos of various scenarios of PC rupture and IOL placement options led by Dr Minu Mathen. <i>Panel discussion</i></p>
1530–1700	<p>Course: Ocular Oncology Update: Catching the Rare Killers and Troublesome Spots Chair: Dr Michael Giblin Room: C4.4</p> <p>Topics and Speakers: Conjunctival and orbital tumour update <i>Dr Lindsay McGrath</i></p> <p>What's new in retinoblastoma <i>Dr Li-Anne Lim</i></p> <p>Uveal melanoma update <i>Dr Tim Isaacs</i></p> <p>Vitreoretinal lymphoma made clear</p>

Dr Sunil Warriar

Other oddities

Dr Daniel McKay

Panel on Interesting cases

Dr Michael Giblin, Dr William Glasson AO, Dr John McKenzie, Dr Peter Hadden, Dr James Muecke, A/Prof Max Conway

1530–1700

Symposium: Diabetic Retinopathy- Integrating Care for Diabetes and Eye Health (Local and International Perspectives)

Co-sponsors: RANZCO International Development Committee (IDC), Australian and New Zealand Society of Retinal Specialists (ANZSRS)

Chairs: Dr Jennifer Arnold, Dr Anthony Bennett Hall and Dr Sophia Zagora

Room: Darling Harbour Theatre

Topics and Speakers:

This symposium will:

- Discuss the principles of Integrated Diabetes and Eye Health Care
- Highlight efforts addressing Aboriginal and Torres Strait Islander health inequality. Discuss progress in integrating eye care into an integrated primary health care system.
- Describe progress in DR screening and treatment in the pacific.
- Discuss opportunities for teaching, training and ophthalmic development in our region.

Part 1: Integrated Diabetes and Eye Health Care

- Discussing the Principles: Centred on people, equity, quality, collaboration, Finding the evidence

- Epidemiology of diabetic eye disease/screening/treatment in USA

Dr Emily Chew

- The evidence, collaborative care “ Singapore’s war on diabetes: Evidence, collaboration, population health”

Prof Tien Y Wong

- Questions /discussion

Part 2: The Australian experience: incorporating both urban and rural care □ what is working and what isn’t

- The diabetic epidemic in Sydney and people’s access to healthcare

A/Prof Andrew White

- Epidemiology of patients with DME, vision threatening diabetic retinopathy disease in Australia

A/Prof Gerald Liew

Part 3: Training – driving enduring change

- Opportunities for development: Training of primary care workers. Training of subspecialists. in-country vs external training, the importance of effective partnerships, stakeholder engagement, the role of telemedicine: Case studies of training from Australasia.

- MR/VR training Pacific Eye Institute Fiji and Myanmar

Dr Vicky Lu

- Is there a role for Artificial Intelligence in medical retina in rural/remote Australia/ developing countries / Asia Pacific?

A/Prof Peter Van Winjgaarden

Part 3 : Conclusions/ Questions/ Discussion

1530–1700

Symposium: Paediatric Retina in a Nutshell 2019

Chairs: Prof Glen Gole and A/Prof Geoff Lam

Room: C4.5

Topics and Speakers:

Retinopathy of prematurity screening

Dr Rasha Altie

Treatment options in ROP
A/Prof Geoff Lam

Premature Baby Follow up and Why
Dr James Smith

Neuro-ophthalmic masquerades of paediatric retinal disease
A/Prof Shuan Dai

Current retinoblastoma management
A/Prof James Elder

The infant with nystagmus - what to do
Dr Susan Carden

My 8 yo child can't see - why?
Dr Michael Jones

Ocular Collagenopathies and their management
Dr Rosie Dawkins

1530–1700 **Rapid Fire Session: Anterior Segment**

Chairs: TBC
Room: C4.6 – C4.7

1530–1537 Clinical Characteristics in Dry Eye Disease according to Changes of Ground-level Air Pollution
Dong Hyun Kim

1537–1544 Greater ocular sun exposure, measured objectively, is associated with increased risk of future pterygium in young adults
Gareth Lingham

1544–1551 Orthokeratology for arrest of myopia, and longevity of effects following treatment discontinuation – a systematic review.
Dr Damien Hunter

1551–1558 SMILE: A multi-centre, retrospective analysis of 2900 eye undergoing SMILE laser refractive surgery in New South Wales, Australia
Prof Gerard Sutton

1558–1605 The long-term outcomes from corneal cross-linking: A Save Sight Keratoconus Registry study
Prof Stephanie Watson

1605–1612 PACK-CXL: A boon to tertiary eye care centre
Dr Kiran Kumar

1612–1619 Development of a printable collagen ink for corneal wound treatment
Mr Yihui Song

1619–1626 To study the efficacy of air descemetopexy in the management of various types of descemet membrane detachment based on anterior segment optical coherence tomography and to know the role of 14% C3F8, 20% SF6 in failed cases of air descemetopexy
Prof SP Singh

1626–1633 Descemet Stripping Automated Endothelial Keratoplasty with intrascleral haptic fixated Intraocular lens: sequential versus simultaneous approach
Dr Rajesh Sinha

1633–1640 Corneal neurotisation for neurotrophic keratopathy – a multicentre experience

	<i>Dr Jaskirat Aujla</i>
1640–1647	Clinical presentation and complications of herpes zoster ophthalmicus <i>Rachael Niederer</i>
1700–1745	PRE DRINKS FOR GRADUATION AND AWARDS CEREMONY AND PRESIDENT’S RECEPTION Room: Parkside Ballroom, International Convention Centre
1745-1915	GRADUATION AND AWARDS CEREMONY AND PRESIDENT’S RECEPTION Room: Parkside Ballroom
	ZEISS HOSTED EVENING SYMPOSIUM Title: Ophthalmic Medical Technology for the Next Decade. From Ubiquitous OCT to Artificial Intelligence” Prof Michael Kaschke Title: Real world uses and tips on OCT-A and intraoperative OCT – a personal experience A/Prof Anthony Kwan Venue: TBC

PROGRAM – SUNDAY 10 NOVEMBER 2019

0645–0800	<p>Bayer Hosted Morning Symposium Title: TBC Speakers: TBC Room: C4.5</p>
0830–1000	<p>Plenary: Best Paper Presentations Gerard Crock and John Parr Trophies Chairs: A/Prof Heather Mack and Dr Christine Younan Room: Darling Harbour Theatre</p>
0830–0843	<p>Topics and Speakers: Development of a Deep Learning Algorithm for Automated Diagnosis of Retinopathy of Prematurity Plus Disease <i>Dr Zachary Tan</i></p>
0843–0856	<p>Cognitive assessment in normal-tension and high-tension glaucoma <i>Dr Sean Mullany</i></p>
0856–0909	<p>Wellington Keratoconus Study (WELKS): The prevalence of keratoconus among Secondary school Students in Wellington, New Zealand <i>Dr Alistair Papali'i-Curtin</i></p>
0909–0922	<p>Multitrait analysis of glaucoma, intraocular pressure and vertical cup to disc ratio identifies many new loci and enables a polygenic genetic risk score strongly predictive of disease susceptibility in the population, and disease progression and treatment intensity in the clinic <i>Prof Jamie Craig</i></p>
0922–0935	<p>Twelve month results of the DiMECat Trial: A prospective, randomised clinical trial of Intravitreal Bevacizumab vs. Triamcinolone in patients with Diabetic Macular Oedema at the time of cataract surgery <i>A/Prof Lyndell Lim</i></p>
0935–0948	<p>A retinal imaging biomarker of Alzheimer's disease <i>A/Prof Peter van Wijngaarden</i></p>
1000–1030	MORNING TEA
1030–1100	<p>Retina Update Lecture Macular Telangiectasia Type 2, an Update of the Mac Tel Research Group, a 15 Year-Year Journey from an Exam to Global Connections Speaker: Dr Emily Y Chew MD Chair: A/Prof Samantha Fraser-Bell Room: Darling Harbour Theatre</p>
1100–1130	<p>The Council Lecture The Path to an Australian Bionic Eye Speaker: A/Prof Penelope Allen Chair: Dr Diana Semmonds Room: Darling Harbour Theatre</p>
1130–1230	<p>ORIA Plenary Update Chair: Prof Mark Gillies Room: Darling Harbour Theatre</p> <p>Speakers and Topics: Serine metabolism in the retina <i>Prof Mark Gillies</i></p> <p>A multi-coloured Confetti mouse for studying corneal homeostasis, wound-healing and limbal stem cell deficiency <i>Prof Nick Di Girolamo</i></p> <p>The role of Icare Home tonometry in glaucoma research and clinical practice</p>

	<p><i>Dr Mona Awadalla</i></p> <p>Dissecting the genetics of giant cell arteritis <i>Prof Alex Hewitt</i></p> <p>Gateways to genetic therapies for the retinal dystrophies <i>Prof Robyn Jamieson</i></p>
1230–1400	LUNCH
1400–1530	CONCURRENT SESSIONS
1400–1530	<p>Symposium: RANZCO, Past, Present and Future Chairs: A/Prof Heather Mack and Dr Justin Mora Room: C4.9</p> <p>Topics and Speakers: Welcome from Chairs <i>A/Prof Heather Mack and Dr Justin Mora</i></p> <p>RANZCO past <i>Dr David Kaufman, Dr Frank Martin and Dr Bruce Hadden</i></p> <p>RANZCO present: various committees the College is made up of and how to get involved <i>A/Prof Heather Mack, Dr Brad Horsburgh and Dr Cathy Green</i></p> <p>RANZCO future <i>Dr Chameen Samarawickrama and Dr Genevieve Oliver</i></p> <p>Close from Chairs <i>A/Prof Heather Mack and Dr Justin Mora</i></p>
1400–1530	<p>Symposium: ANZGS Symposium 2019 – When Worlds Collide – Approaching Glaucoma from a Different Perspective (Part 2) Chair: A/Prof Graham Lee Co-Chairs: Dr Ridia Lim, A/Prof Anne Brooks, Dr Guy D'Mellow, Prof David (Ted) Garway-Heath Room: Darling Harbour Theatre</p> <p>Topics and Speakers: JRA, HLA-B27, role of trabeculectomy/MIGS/GDD <i>Prof Keith Martin</i></p> <p>Diabetic retinopathy/CRVO and NVG, ocular ischaemic syndrome, I/V pressure spikes <i>Dr Richard Symes</i></p> <p>Tight orbits, thyroid eye disease, floppy eyelid syndrome, orbital fractures <i>Prof Timothy Sullivan</i></p> <p>ICE syndrome, blunt trauma/cleft/hypotony, tube endothelial decompensation, corneal transplantation in glaucoma patients <i>A/Prof Graham Lee</i></p> <p>Summary <i>Dr Ridia Lim</i></p>
1400–1530	<p>Symposium: Multimodal Assessment (MMA) for Diagnosis, Management and Prognostication of Retinal and Macular Disease Chairs: A/Prof Nitin Verma AM and Prof Peter McCluskey Room: C4.1</p> <p>Topics and Speakers: MMA in infectious and non-infectious uveitis <i>Dr Sophia Zagora</i></p> <p>MMA in genetically determined eye disease <i>Dr Elisa Cornish</i></p> <p>MMA in macular disease</p>

	<p><i>Dr Emily Chew</i></p> <p>MMA in retinal vascular disease <i>Prof Ian McAllister</i></p> <p>MMA in Ocular Oncology <i>Dr William Glasson</i></p> <p>MMA in surgical conditions of the retina <i>Wilson Heriot</i></p>
1400–1530	<p>Course: Neuro-Ophthalmology Challenges: Survival Guide to Diagnosing and Managing Neuro-Ophthalmic Conditions Chair: Prof Helen Danesh-Meyer Room: C4.4</p> <p>Topics and Speakers: This is an interactive course in which case - based presentation will be used to review techniques essential to diagnose neuro-ophthalmic conditions and discuss appropriate investigations and practical advice on management. Ten cases spanning basic to complex neuro-ophthalmic cases will be presented. The emphasis on working through the cases from presentation through clinical investigations and ordering appropriate tests. The course will highlight areas in which common clinical mistakes occur and how to avoid them. The course emphasises neuro-ophthalmologic emergencies and conditions that are often difficult to diagnose. <i>Prof Helen Danesh-Meyer and Dr Peter Savino</i></p>
1400–1530	<p>Rapid Fire Session: Cataract / Ocular Oncology Chairs: Dr Li-Anne Lim and Prof. Charles McGhee Room: C4.6 – C4.7</p>
1400–1407	<p>Topics and Speakers: Accuracy of total corneal topographic astigmatism (CorT Total) compared to Total Keratometry (TK) <i>Prof Noel Alpins</i></p>
1407–1414	<p>Total keratometry (TK) in post-LASIK eyes: efficacy comparison study <i>Dr Michael Lawless</i></p>
1414–1421	<p>Outcomes of 1st Q Toric Supplementary Intraocular Lenses for Residual Astigmatic Refractive Error in Pseudophakic Eyes <i>Cameron McLintock</i></p>
1421–1428	<p>A comparison of contrast sensitivity between a monofocal and an extended range of vision intraocular lens <i>Dr Daniel Hogarty</i></p>
1428–1435	<p>Moderate Monovision with Monofocal Intraocular Lenses versus Mini-Monovision with a Small-Aperture Intraocular Lens: A Comparative Analysis <i>Dr Bernardo Soares</i></p>
1435–1442	<p>Outcomes of one hundred and fifteen consecutive scleral fixated intraocular lenses using the 'Yamane' flanged intrascleral haptic fixation technique <i>John Rocke</i></p>
1442–1449	<p>Cataract surgery outcomes after retrospective application of risk stratification systems <i>Muhammad Khan</i></p>
1449–1456	<p>To evaluate the visual outcome of cataract surgery in uveitis <i>Dr Amber</i></p>
1456–1503	<p>3D High Resolution Optical Coherence Tomography to Detect Pre Existing Posterior Capsular Defect in Posterior Polar Cataracts Undergoing Femtolasers Assisted Cataract</p>

	Surgery <i>Dr Raghav Malik</i>
1503–1510	Accuracy of visual acuity assessment using a novel smartphone-coupled device in patients with eye pathology <i>Dr James McKelvie</i>
1510–1517	Iris Melanoma and Other Suspicious Iris Lesions <i>Mr Micah Rapata</i>
1517-1524	Intravitreal melphalan for vitreoretinal lymphoma <i>Dr Li-Anne Lim</i>
1530–1600	AFTERNOON TEA
1600–1730	CONCURRENT SESSIONS
1600–1730	<p>Course: Microtribes, Immunotribes: Microbiomes and Microbes in Ocular Infection, Autoinflammation and Autoimmunity. How Immune Make-up Determines our Microbial Self. How one Microbe Triggers Many Ocular Diseases. When to Fight the Bugs and How to Manage the Inflammation Chairs: Dr Jo Richards and Dr Sophia Zagora Room: C4.1</p> <p>Topics and Speakers: Immunotribes: Immunology 101 for ophthalmologists in 3 slides. Cases to make you think... with live polling and panel discussion: Kill the bug? / treat the autoinflammation? / manage the autoimmunity? <i>Dr Jo Richards and Uveitis SIG</i></p> <p>Microtribes: Ocular microbiome- an Antipodean perspective - Ocular microbiome by 16S vs culture techniques: microbial populations on normal and inflamed eyes and lids. <i>Prof Mark Willcox</i></p> <p>Immunotribe-Microtribe: Mechanisms of inflammation in ophthalmic disease: HLA and the gut microbiome. Systemic microbiomes triggering inflammation. Implications for disease prevention and management. <i>Prof Denis Wakefield</i></p> <p>Drugs for Bugs: Prophylaxis / Full Antimicrobial Treatment / Immunosuppression? Managing the risk, eliminating microbial triggers, and controlling the immunologic response: Cases and lessons from the Tuberculosis spectrum. <i>Dr Richard Symes</i></p> <p>Discussion: Faculty and audience</p>
1600–1730	<p>Symposium: Tackling Presbyopia with IOLs for the Cataract Surgeon Chair: Dr Con Moshegov Course Faculty: Dr Smita Agarwal, Dr Tess Huynh, Dr Sara Crowe, Dr Michael Goggin, Dr Ilan Sebban, Dr David Lubeck and Dr Con Moshegov Room: C4.4</p> <p>Topics and Speakers: Faculty speakers to present on determining the best strategy for a particular patient, how to optimise outcomes, best lens choices and dealing with patient expectations. The use of multifocal IOLs in the absence of a refractive laser in a practice is to be discussed.</p>
1600–1730	<p>Course: Update on Microbial Keratitis Chair: Dr Matthew Green Room: Darling Harbour Theatre</p> <p>Topics and Speakers: Update on epidemiology of Microbial Keratitis in Australia <i>Dr Matthew Green</i> Microbial Keratitis treatment recommendations</p>

	<p><i>Prof Stephanie Watson</i></p> <p>Steroid treatment of microbial keratitis <i>Dr Andrew Apel</i></p> <p>Surgical management of Microbial Keratitis <i>Dr Chameen Samarawickrama</i></p> <p>A Microbiologist's insights on Microbial Keratitis: "What we've forgotten from med school" <i>Dr Jenny Robson</i></p>
	<p>Course: Strabismus Case Studies-Diagnosis and Management Strategies Chair: A/Prof Shuan Dai and A/Prof Geoff Lam Room: C4.5</p> <p>Topics and Speakers: 1 year old with esotropia - when to operate? Intermittent exotropia in a 6yrs old child- if and when to operate? Duane syndrome in an adult Adult with vertical diplopia and head tilt Double elevator palsy – indication for surgery and when Strabismus in an adult with thyroid toxicosis- when to operate? <i>A/Prof Shuan Dai, Dr Glen Gole, Dr Geoff Lam, Dr Craig Donaldson, Dr Heather Russell, Dr Deepa Taranath</i></p>
1600–1730	<p>Rapid Fire Session: Epidemiology / Genetics / Oculoplastic Chairs: A/Prof Andrea Vincent and Prof Tim Sullivan Room: C4.6 – C4.7</p> <p>Topics and Speakers:</p>
1600–1607	<p>Long term outcomes of upper eyelid loading with modular platinum segment chains for lagophthalmos: an adjustable approach to eyelid loading <i>Dr Elad Ben Artsi</i></p>
1607–1614	<p>Mucoceles involving the orbit: a retrospective review. <i>Allister Lee</i></p>
1614–1621	<p>Quantitative assessment of orbital decompression surgery for thyroid eye disease using three-dimensional stereo photogrammetric imaging <i>Jonathan Hyer</i></p>
1621–1628	<p>The Epidemiology of Thyroid Eye Disease In New Zealand <i>Dr Lize Angelo</i></p>
1628–1635	<p>Establishing human lacrimal gland cultures from biopsy sized samples <i>Luke Halliday</i></p>
1635–1642	<p>Surgical outcome of small osteotomy versus conventional osteotomy in external dacryocystorhinostomy <i>Dr Ayushi Agarwal</i></p>
1642–1649	<p>Optimal management in Optic Nerve Sheath Meningioma – A multi-centre study and pooled data analysis <i>Dr Christopher Ovens</i></p>
1649–1656	<p>Crypto-ransomware threatening Optical Coherence Tomography systems: a growing problem <i>Dr Jason Ha</i></p>
1656–1703	<p>Pre-clinical validation of in vitro gene therapy for Bietti crystalline dystrophy <i>Dr Jiang-Hui Wang</i></p>
1703–1710	<p>Epidemiology of diabetic retinopathy and maculopathy in Auckland, New Zealand: A</p>

	<p>regional photo-screening program 2006-2018 <i>Dr Sophie Hill</i></p>
1710–1717	<p>Smoking and Treatment Outcomes of Neovascular Age-related Macular Degeneration over 12 Months <i>Dr Harshil Dharamdasani Detaram</i></p>
1717-1724	<p>Dietary intake profile of age-related macular degeneration (AMD) patients as determined by a short dietary questionnaire <i>Diana Tang</i></p>
1600 - 1730	<p>LDP Session Convenor: Dr Catherine Green AO Room: C4.9</p> <p>Topics and Speakers: Identifying factors that encourage or deter Māori and Pasifika doctors from pursuing formal Ophthalmology training in New Zealand <i>Dr Will Cunningham</i></p> <p>Encourage policies and practices that support the health and wellbeing of ophthalmologists within RANZCO <i>Dr Genevieve Oliver</i></p> <p>Integrating non-mydratic fundus cameras (NMC) into multidocor GP practices - facilitating effective screening of at-risk populations at point of care <i>Dr Rahul Dubey</i></p> <p>Evaluation of the deficiencies in the final year of the Vocational Training Program (VTP) of Ophthalmology Trainees transitioning to a Consultant <i>Dr Tanya Karaconji</i></p> <p>Trialling of New Surgical Assessment in the Western Australian training network” <i>Andrea Ang</i></p> <p>GENEYE Surgical. Next generation surgical training <i>Dr Jacqueline Beltz</i></p> <p>Glaucoma runs in families. Public awareness event-based screening <i>Dr Hamish Dunn</i></p> <p>Re-establish a corneal service at the RMH, which is the referral site for complicated cases which require other multidisciplinary medical/surgical inputs <i>Dr Elaine Chong</i></p> <p>To develop an independent vitreoretinal surgical service at Liverpool Hospital, Sydney <i>Dr Vivek Pandya</i></p> <p>Fostering of modern clinical audit practices for Glaucoma units in Australia <i>Dr George Kong</i></p>
1730–1830	<p>FILM AND POSTER VIEWING SESSION Room: Foyers, Level 4, International Convention Centre</p>
	<p>Alcon Hosted Evening Symposium Title: TBC Speakers: TBC Chair: TBC Venue: TBC</p>

PROGRAM – MONDAY 11 NOVEMBER 2019

0645–0800	Novartis Hosted Morning Symposium Title: TBC Speakers: TBC Chair: TBC Room: C4.5
0830–1000	Clinical Controversies Chair: Dr Brad Horsburgh Room: Darling Harbour Theatre Topics and Speakers:
0830–0845	Treatment of Infantile Hemangiomas – is propranolol the answer for all? <i>Prof David A Plager MD</i>
0845–0900	TBC <i>Prof David (Ted) Garway-Heath</i>
0900–0915	Genetic Testing in Age-related Macular Degeneration (AMD)---is it necessary for clinical care? <i>Dr Emily Chew</i>
0915–0930	I Don't Need FLACS! <i>Prof Soon-Phaik Chee</i>
0930-0945	Topical Therapy for Ocular Surface Squamous Neoplasia - When, and When Not <i>Dr Santosh Honavar</i>
0945-1000	Discussion
1000–1030	MORNING TEA
1030–1100	Cataract Update Lecture State-of-the Art Intraocular Lens Fixation Speaker: Prof Soon-Phaik Chee Chair: Dr Elsie Chan Room: Darling Harbour Theatre
1100-1101	Remembrance – Observe 1 minute silence
1101–1130	The Fred Hollows Lecture Hollows Influence: Research, Programs and Universal Eye Health Coverage in the Pacific Speaker: Dr Anasaini Cama Chair: A/Prof Nitin Verma AM Room: Darling Harbour Theatre
1130–1230	RANZCO Plenary Launch of the RANZCO Reconciliation Action Plan Room: Darling Harbour Theatre
1230–1400	LUNCH
1400–1530	CONCURRENT SESSIONS
1400–1530	Symposium: International Development – The Continuing Challenge. To Inform and Challenge those Involved or Interested in Working in Low Resource Countries Chair: Dr Geoffrey Painter Room: C4.1 Topics and Speakers: TBC
1400–1530	Course: Controversies in Cataract Surgery Moderator: Dr Elsie Chan Panellist: Dr Rosie Dawkins Room: C4.4 Topics and Speakers: 1. Glaucoma patients undergoing cataract surgery should be offered MIGS

For: Dr Nathan Kerr
Against: Dr Sam Kain

2. Patients having a toric IOL should all have corneal topography performed pre-operatively

For: Dr Chameen Samarawickrama
Against: Dr Alex Tan

3. Anterior chamber IOLs are a safe option in the absence of a capsular bag

For: A/Prof Mark Daniell
Against: Dr Matthew Green

4. Topical antibiotics are not necessary after routine cataract surgery

For: Dr Anton van Heerden
Against: Dr Sing-Pey Chow

5. NSAIDs should be used routinely after cataract surgery

For: Dr Georgia Cleary
Against: Dr Elaine Chong

1400–1530

Symposium: Cataract Surgery and the Cornea: Pre-operative Management and Post-operative Considerations

Chair: Dr Jacqueline Beltz and Prof Bennie Jeng
Room: Darling Harbour Theatre

Topics and Speakers:

- 1) Pre-operative corneal considerations (including managing the irregular cornea)
- 2) Corneal considerations for premium IOL's
- 3) IOL selection in KCN
- 4) IOL selection following corneal/refractive surgery
- 5) Operative considerations in patients with corneal disease
- 6) Approach to residual refractive error after cataract surgery

Dr Jacqueline Beltz, Prof Bennie Jeng, Prof Gerard Sutton, A/Prof Michael Lawless, Prof Michael Belin and Dr Peter Zloty

Symposium: Thyroid Eye Disease Management

Chair: A/Prof Raf Ghabrial
Room: C4.5

Topics and Speakers:

Overview

Prof Peter McCluskey

organising the clinic, pre workup

Ms Tharini Ganesis

The Endocrinology of Graves' Disease

Dr Ash Gargya

The Immunology of Graves' Disease

A/Prof Roger Garsia

Radiological findings in Graves' Disease

Dr Geoff Parker

(Peter Rogers Lecture) Medical and Minimal Interventional management for thyroid Eye Disease – Current Status

Dr Santosh Honavar

Radiotherapy for Graves' Disease

A/Prof Chris Milross

Surgical options in Graves' Disease

	<i>A/Prof Raf Ghabrial</i>
	Strabismus treatment in Graves' Disease <i>Dr Ross Fitzsimons</i>
1400–1530	Rapid Fire Session: Retina / Uveitis Chairs: A/Prof Andrew Symons and Dr Robyn Troutbeck Room: C4.6 – C4.7
1400–1407	Topics and Speakers: Optogenetic restoration of vision with bReaChes <i>A/Prof Matthew Simunovic</i>
1407–1414	Multi-input artificial intelligence design for multi-modal retinal imaging diagnosis of intermediate dry age related macular degeneration <i>Dr Sophie Hill</i>
1414–1421	Visual and expanded anatomical outcomes for brolocizumab versus aflibercept in patients with neovascular AMD: 96-week data from HAWK and HARRIER <i>Prof Paul Mitchell AO</i>
1421–1428	Five year visual acuity outcomes for Intravitreal Therapy in Bilateral Neovascular Age-Related Macular Degeneration – Fight Retinal Blindness (FRB!) project <i>Elisa Cornish</i>
1428–1435	Comparison of macular atrophy in eyes with neovascular age-related macular degeneration treated with VEGF inhibitors using a treat-and-extend or pro re nata regimen: Four year results of the MANEX study <i>Kimberly Spooner</i>
1435–1442	Outcomes of suspending VEGF inhibitors for neovascular age-related macular degeneration when lesions have been inactive for 3 months <i>Vuong Nguyen</i>
1442–1449	Beyond Anti-VEGF: Treatment of Diabetic Retinopathy through Neuropeptides <i>Dr Lei Liu</i>
1449–1456	Outcomes of observation versus treatment of eyes with diabetic macular oedema and very good visual acuity. Results from a multi-centre real-world study <i>A/Prof Samantha Fraser-Bell</i>
1456–1503	Functional Vision Outcomes with the Second-generation Suprachoroidal Retinal Prosthesis: Tabletop Object Search and Identification Task <i>Ms Maria Kolic</i>
1503–1510	Spectral Domain Optical Coherence Tomography in Active Toxoplasmic Retinochoroiditis <i>Dr Genevieve Oliver</i>
1510–1517	Vision loss in anterior uveitis <i>Haya Al-Ani</i>
1517 - 1524	Occlusive Retinal Vasculitis in Sydney: A study of 67 eyes of 42 patients <i>Dr Noor Ali</i>
1530–1600	AFTERNOON TEA
1600–1730	CONCURRENT SESSIONS
1600–1730	Course: OCT Angiography in Neovascular Age-Related Macular Degeneration and Diabetic Retinopathy - How to Interpret and Use this New Technology Chair: Prof Paul Mitchell AO Room: C4.4 Topics and Speakers:

	TBC - Prof Paul Mitchell AO, A/Prof Gerard Liew and Dr Belinda Leong
1600–1730	<p>Symposium: Artificial Intelligence in Ophthalmology Chair: A/Prof Nitin Verma AM Co-Chairs: A/Prof Peter Van Wijngaarden, Dr Andrew Crawford and Dr Narmadai Deva Room: C4.5</p> <p>Topics and Speakers: During this symposium there will be an initial lecture presentation on artificial intelligence and related technologies to introduce the subject. This will be followed by an interactive Question & Answer session with the expert panel which will look at the applications, safety, privacy, data ownership, costs and impact on patients and their treating physicians. It is hoped that this will allow ophthalmologists to better understand and prepare themselves for AI based applications in the future. <i>Panelists: Prof Alex Hewitt, Dr Chandrashan Perera, Prof John Grigg, Dr Weng Onn Chan, Dr David Andrews, Prof Margaret Otlowski and Prof Enrico Coiera</i></p>
1600-1730	<p>Symposium: Management of Herpetic Eye Disease Co-Chairs: Dr Jo Sims and A/Prof Lyndell Lim Room: Darling Harbour Theatre</p> <p>Speakers and Topics: CMV anterior uveitis, diagnosis and management <i>Prof Soon-Phaik Chee</i></p> <p>The cornea and herpes viruses <i>Prof Stephanie Watson</i></p> <p>Herpes zoster and the eye (anterior segment manifestations) <i>Dr Rachael Niederer</i></p> <p>Viral retinitis, diagnosis and management <i>Dr Jo Sims</i></p> <p>Management of glaucoma in herpetic eye disease <i>Dr Nathan Kerr</i></p> <p>The effect of the zoster vaccine on rates of herpetic eye disease <i>Dr Tony Hall</i></p>
1600–1730	<p>Rapid Fire Session: CPD Audit Chair: Dr Sukhpal Sandhu Co-Chairs: Dr Jennifer Fan Gaskin, Dr Alok Sharma and Dr Andrea Ang Panel: Dr Sukhpal Sandhu, Dr Jennifer Fan Gaskin, Dr Alok Sharma, Dr Andrea Ang and Dr Anasaini Cama Room: C4.1 <i>Trade and media not eligible to attend this session</i></p>
1600–1607	<p>Topics and Speakers: RANZCO WA Collaborative OCT Audit <i>Dr Mengchen Suo</i></p>
1607–1614	<p>An audit of the predisposing factors of late in-the-bag posterior chamber intraocular lens (PCIOLs) dislocations and outcomes following surgical repair at a single site comprehensive regional practice <i>Dr Peter Macken</i></p>
1614–1621	<p>Intravitreal Injections for Diabetic Macular Oedema in Rural Western Australia – A Population-Based Needs Analysis of Treatment Coverage in 2018 <i>Dr Joos Meyer</i></p>
1621–1628	<p>Antimicrobial stewardship 2019. Collaborative audit of antimicrobial practice of RANZCO fellows <i>Dr Jessica Ong</i></p>

1628–1635	Cataract Surgery Outcomes at a Tertiary Hospital in Australia <i>Dr Muhammad Khan</i>
1635–1642	Three Years Real-World Treatment Outcomes of Ranibizumab versus Aflibercept for Neovascular Age-related Macular Degeneration: Data from the Fight Retinal Blindness! Registry <i>Dr Sanjeeb Bhandari</i>
1642–1649	Evaluation of Refractive and Visual Acuity Outcomes in Cataract Patients <i>Dr Brian Harrisberg</i>
1649–1656	Post trabeculectomy endophthalmitis presenting to Auckland District Health Board 2006-2019 <i>Dr Rahul Dwivedi</i>
1656–1703	Selective laser trabeculoplasty: outcomes of multiple repeat treatments <i>Dr Nicholas Andrew</i>
1703–1710	Community Eye Care (C-EYE-C): improving access and reducing costs through collaborative care for diabetic retinopathy <i>Belinda Ford</i>

1600-1730	Rapid Fire Session: Paediatrics / Strabismus / Neuro-Ophthalmology Chairs: A/Prof Shuan Dai and Prof Helen Danesh-Meyer Room: C4.6 – C4.7
	Topics and Speakers:
1600–1607	Citicoline Reduces Matrix Metalloproteinase-2 Expression in Scleral Tissue of Rat Myopic Model <i>Dr Eka Rahmawati</i>
1607–1614	Effect of surfactant administration with different oxygen levels and retinopathy of prematurity risk: Real-world results from a 14-year cohort in NICU in Malaysia <i>May May Choo</i>
1614–1621	Retinopathy of Prematurity in the Top End: Are indigenous babies resistant to development of ROP? <i>Dr Ario Wilson-Pogmore</i>
1621–1628	Tackling Retinopathy of Prematurity via Telescreening in Rural India <i>Narendran Venkatapathy</i>
1628–1635	Patterns of Paediatric Ocular Trauma. A 10-year retrospective review at the John Hunter Children’s Hospital, NSW, Australia. <i>Dr Andrew Burbidge</i>
1635–1642	Exercise-Induced Diplopia <i>Dr Juliette Duck</i>
1642–1649	Surgical outcomes of plication versus resection in intermittent exotropia: a comparative study <i>Dr Siddharth Baidur</i>
1649–1656	The use of optical coherence tomography to evaluate the elevated optic disc in children <i>Mr Matthew McMahon</i>
1656–1703	Presentation features for a Multi-National Treatment trial of Non-arteritic Anterior Ischemic Optic Neuropathy <i>A/Prof Clare Fraser</i>
1703–1710	Quantitative Retinal Vascular Complications in Obstructive Sleep Apnoea: A Follow Up Study Investigating the Response to CPAP Therapy <i>Dr Brendon Wong</i>
1710 - 1717	The usefulness of Anti-acetylcholine Receptor Antibody (ACHR-ABS) testing in diagnosing ocular myasthenia gravis (omg) in an outpatient setting <i>Dr In Young Chung</i>
1900-2300	CONGRESS DINNER Venue: Doltone House

PROGRAM – TUESDAY 12 NOVEMBER 2019

0645–0800	<p>ANZGS Glaucoma Symposium <i>Sponsored by Allergan</i> Topic: TBC Speaker: Prof David (Ted) Garway-Heath Chair: A/Prof Anne Brooks Room: C4.5</p>
0830–1000	<p>Plenary Symposium: Normal Tension Glaucoma: An Update on Current Management and Future Directions Chair: A/Prof Mitchell Lawlor Room: Darling Harbour Theatre</p> <p>Speakers and Topics: NTG: more common than you think? <i>Dr Jennifer Fan Gaskin</i></p> <p>Medical and surgical treatment of patients with NTG <i>A/Prof Mitchell Lawlor</i></p> <p>Are you sure it is NTG? <i>Prof Helen Danesh-Meyer</i></p> <p>The memantine neuroprotection trials: what did they tell us? <i>Prof Ivan Goldberg</i></p> <p>The UKGTS results: implications for neuroprotection trials <i>Prof David (Ted) Garway-Heath</i></p>
1000–1030	MORNING TEA
1030–1100	<p>Glaucoma Update Lecture Lessons from the United Kingdom Glaucoma Treatment Study (UKGTS) and Laser in Glaucoma and Ocular HyperTension (LiGHT) Study Speaker: Prof David (Ted) Garway-Heath Chair: Dr Ridia Lim Room: Darling Harbour Theatre</p>
1100–1130	<p>The Dame Ida Mann Memorial Lecture Light and the Eye: Chronic Insult or Therapeutic Dream Speaker: Prof John Marshall Chair: Prof Gerard Sutton Room: Darling Harbour Theatre</p>
1130–1200	<p>Oculoplastic Update Lecture Oculoplasty and Ocular Oncology – What New am I doing This Year? Speaker: Santosh G Honavar Chair: Dr Brett O'Donnell Room: Darling Harbour Theatre</p>