0645–0800  **Bayer Hosted Morning Symposium**  
Title: Optimising the Patient Journey  
Speakers: Prof Paul Mitchell AO, Dr Peter van Wijngaarden and Prof Giovanni Staurenghi  
Chair: Dr Grant Raymond  
Room: Panorama 1, 2, 3

0815–0900  **RANZCO AGM**  
Room: Hall C  
Trade and media not eligible to attend AGM’s

0900–0930  **ORIA AGM**  
Room: Hall C

0930–1000  **ASO AGM**  
Room: Hall C

1000–1030  **MORNING TEA**

1030–1100  **Retina Update Lecture**  
OCT Angiography  
Speaker: Prof Giovanni Staurenghi  
Chair: Dr Heather Mack  
Room: Hall C

1100–1130  **The Council Lecture**  
Fighting Corneal Blindness: Yesterday, Today, and Tomorrow  
Speaker: Prof Stephanie Watson  
Chair: Dr Diana Semmonds  
Room: Hall C

1130–1200  **Cornea Update Lecture**  
Measuring and Managing Corneal Biomechanics  
Speaker: J Bradley Randleman, MD  
Chair: Prof Gerard Sutton  
Room: Hall C

1200–1330  **LUNCH**

1330–1500  **CONCURRENT SESSIONS**

1330–1500  **Symposium: How to...An Examination of Professional Issues Facing Ophthalmologists**  
Chairs: Dr Diana Semmonds and Dr Arthur Karagiannis  
Room: Hall B

**Topics and speakers:**  
Introduction and welcome  
*Dr Diana Semmonds and Dr Arthur Karagiannis*  
The what, why and how of academia, publishing and research  
*A/Prof Andrea Vincent*  
How to take a break and get back into practice  
*Dr Charmaine Lim*  
What is RANZCO and why should you care  
*Dr Christine Younan*  
Understanding and avoiding the most common medico-legal quandaries  
*Ms Mandy Anderson*  
What not to say, how not to get sued, what mistakes to avoid

1330–1500  **Symposium: In-Office Diagnostics and Therapeutics for Anterior Segment Conditions ** 
*Sponsored by the Cornea Society*  
Chairs: Dr Elmer Tu and Prof Michael Belin  
Room: Hall D

**Topics and Speakers:**  
Point-of-care testing for dry eyes: is it necessary?
Dr Peter Zloty
New therapeutics for blepharitis: do they work?
Dr David Lockington
Topography and tomography: what's the difference?
Prof Michael Belin
Anterior segment OCT: a useful adjunct
Dr Wuqaas Munir
Management of persistent corneal ulcers: what to do when therapy fails
Dr Elmer Tu
Treatment of recurrent erosions
Prof Gerard Sutton

1330–1500 Symposium: What to Expect When Your Patient is Expecting: The Effect of Pregnancy on the Eye
Moderators: A/Prof Lyndell Lim, Dr Genevieve Oliver and Prof Stephanie Watson
Room: Hall A

Topics and Speakers:
Refractive issues during pregnancy
Prof Stephanie Watson
Diabetic retinopathy during pregnancy
Dr Felicia Widyaputri
Immunologic changes during pregnancy
Dr Anthony Smith
Uveitis in pregnancy
A/Prof Lyndell Lim
Prescribing during pregnancy: What must be stopped, what should be avoided and what we don't know (yet)
Dr Alexis Shub

1330–1500 ANZGS Symposium 2018 – When Worlds Collide – Approaching Glaucoma from a Different Perspective (Part 1)
Chair: A/Prof Graham Lee
Co-Chairs: Dr Ridia Lim, A/Prof Anne Brooks and Marlene R Moster, MD
Room: Hall C

Topics and Speakers:
Ocular surface issues - effect of drops/preservatives, role of corneal hysteresis on IOP; endo decompensation with tubes
Dr Judy Ku
Diabetic retinopathy/CRVO and NVG, aqueous misdirection, drainage of choroidal effusion/suprachoroidal haemorrhage
A/Prof Lawrence Lee
Masquerade syndromes - things that look like glaucoma but aren't
Prof Helen Danesh-Meyer
Narrow AC, PXF with weak zonules, white cataract, role of MIGS/goniosynechiolysis
A/Prof Graham Lee
Summary
Dr Ridia Lim
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<th>Time</th>
<th>Topic</th>
<th>Speaker/Description</th>
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<tr>
<td>1330–1500</td>
<td><strong>Rapid Fire: Oculoplastic, Paediatrics, Neuro-Ophthalmology, Genetics, Oncology</strong>&lt;br&gt;Chairs: Dr Brett O'Donnell and A/Prof Samantha Fraser Bell&lt;br&gt;Room: E1 – E2</td>
<td><strong>Topics and Speakers:</strong>&lt;br&gt;1330–1337 Early low dose rituximab for active thyroid eye disease: an effective and well tolerated treatment&lt;br&gt;<em>Dr Elizabeth Insull</em>&lt;br&gt;1337–1344 The FESplasty procedure for Floppy Eyelid - outcomes in a cohort of patients&lt;br&gt;<em>Dr Anna Waldie</em>&lt;br&gt;1344–1351 Low-dose radiotherapy in the treatment of Ocular Adnexal Lymphoma, an Australian cohort&lt;br&gt;<em>Dr Matthew Cranstoun</em>&lt;br&gt;1351–1358 Orbital mycoses in a paediatric subtropical population: a case series and review of the literature&lt;br&gt;<em>Dr Allister Lee</em>&lt;br&gt;1358–1405 Paediatric ophthalmology and optometry working together: a model for interprofessional education and collaboration&lt;br&gt;<em>Prof Glen Gole</em>&lt;br&gt;1405–1412 Avascular Retina – is this the new retinopathy of prematurity?&lt;br&gt;<em>Dr Samantha Simkin</em>&lt;br&gt;1412–1419 Optic disc features in preterm and term neonates&lt;br&gt;<em>Dr Shilpa Kuruvilla</em>&lt;br&gt;1419–1426 Preservation of koniocellular function in amblyopia&lt;br&gt;<em>Dr Ross Littlewood</em>&lt;br&gt;1426–1433 Genetic investigation of MFRP and PRSS56 in families with nanophthalmos&lt;br&gt;<em>Dr Emmanuelle Souzeau</em>&lt;br&gt;1433–1440 Evaluating Biomarkers in Usher syndrome: Identifying outcome measures for trials&lt;br&gt;<em>Prof John Grigg</em>&lt;br&gt;1440–1447 A genome-wide CRISPR/Cas9 screen to identify novel therapeutic targets for uveal melanoma&lt;br&gt;<em>Dr Fan Li</em></td>
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<td>1500–1530</td>
<td><strong>AFTERNOON TEA</strong></td>
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<td>1530–1700</td>
<td><strong>CONCURRENT SESSIONS</strong></td>
<td><strong>Course: Teaching and Learning Cataract Surgery</strong>&lt;br&gt;Instructor: Dr Jacqueline Beltz&lt;br&gt;Room: Hall D&lt;br&gt;<strong>Topics and Speakers:</strong>&lt;br&gt;Introduction, basic concepts, and curriculum design&lt;br&gt;<em>Dr Jacqueline Beltz</em>&lt;br&gt;Model Eyes, Wet Lab, and Virtual Reality&lt;br&gt;<em>Dr Rahul Chakrabarti</em>&lt;br&gt;Transitioning to Live surgery and Stop and Swap Method&lt;br&gt;<em>Dr Rebecca Haward</em>&lt;br&gt;Complication Training&lt;br&gt;<em>Dr Bernardo Soares</em>&lt;br&gt;Trainee perspective and attributes of an excellent trainer&lt;br&gt;<em>Dr Nicholas Enright</em>&lt;br&gt;Feedback&lt;br&gt;<em>Dr Jacqueline Beltz</em>&lt;br&gt;Assessment and Evaluation&lt;br&gt;Dr Catherine Green AO&lt;br&gt;Remediation</td>
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<td>Time</td>
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<td>1530–1700</td>
<td><strong>Symposium: Is All Choroidal Neovascularization the Same? Evidence Based Management Choroidal Neovascular Membranes in Clinical Practice</strong>&lt;br&gt;Chairs: Dr Sophia Zagora and A/Prof Nitin Verma AM&lt;br&gt;Room: Hall A</td>
<td><strong>Topics and Speakers:</strong>&lt;br&gt;CNVM in Posterior Uveitis&lt;br&gt;<em>Dr Sophia Zagora</em>&lt;br&gt;Myopic CNVM including angioid streaks&lt;br&gt;<em>A/Prof Andrew Chang</em>&lt;br&gt;Idiopathic CNVM and CNVM in AMD&lt;br&gt;<em>Prof Paul Mitchell AO</em>&lt;br&gt;Peripapillary CNVM&lt;br&gt;<em>A/Prof Nitin Verma AM</em>&lt;br&gt;The rest of the list: Post traumatic, CNVM POHS&lt;br&gt;<em>Prof Giovanni Staurenghi</em>&lt;br&gt;What’s round the corner? New therapies&lt;br&gt;<em>Prof Robyn Guymer AM</em></td>
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<td>1530–1700</td>
<td><strong>Symposium: The Neuro-Ophthalmology Sin Bin: Critical Junctures in Neuro-Ophthalmology Decision Making</strong>&lt;br&gt;Chair: Prof Helen Danesh-Meyer&lt;br&gt;Room: Hall C</td>
<td><strong>Topics and Speakers:</strong>&lt;br&gt;When and how to investigate anisocoria&lt;br&gt;<em>A/Prof Clare Fraser</em>&lt;br&gt;When to investigate isolated cranial nerve palsies&lt;br&gt;<em>Dr Mark Moster</em>&lt;br&gt;True optic disc oedema versus pseudo-oedema&lt;br&gt;<em>A/Prof Celia Chen</em>&lt;br&gt;OCT in clinical practice for neuro-ophthalmology&lt;br&gt;<em>Prof Helen Danesh-Meyer</em>&lt;br&gt;Update on Giant Cell arteritis&lt;br&gt;<em>Dr Taras Papchenko</em>&lt;br&gt;Should steroids be used for NAION&lt;br&gt;<em>Dr Mitchell Lawlor</em>&lt;br&gt;When Syphilis counts&lt;br&gt;<em>A/Prof Samantha Fraser-Bell</em></td>
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<td>1530–1700</td>
<td><strong>Symposium: Thyroid Associated Orbitopathy: An Update on What is New</strong>&lt;br&gt;Chairs: Dr Jwu Jin Khong and A/Prof Alan McNab&lt;br&gt;Room: Hall B</td>
<td><strong>Topics and Speakers:</strong>&lt;br&gt;Pathogenesis of thyroid associated orbitopathy in the new millennium&lt;br&gt;<em>Dr Jwu Jin Khong</em>&lt;br&gt;An update on immunotherapy for thyroid associated orbitopathy&lt;br&gt;<em>Prof Timothy Sullivan</em>&lt;br&gt;Lower lid retraction surgery- an update on surgical approach and techniques&lt;br&gt;<em>A/Prof Alan McNab</em>&lt;br&gt;Challenges in managing thyroid associated orbitopathy- case discussion&lt;br&gt;<em>Dr Dinesh Selva</em></td>
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### Rapid Fire Session: Public Health/Epidemiology

**Chairs:** A/Prof Andrea Vincent and Prof David Mackey  
**Room:** E1 – E2

#### Topics and Speakers:

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<tr>
<td>1530–1700</td>
<td><strong>Rapid Fire Session: Public Health/Epidemiology</strong></td>
<td>Chairs: A/Prof Andrea Vincent and Prof David Mackey</td>
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<td><strong>Topics and Speakers:</strong></td>
<td><strong>Room:</strong> E1 – E2</td>
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<tr>
<td>1530–1537</td>
<td>Modifiable dietary factors and clinical outcomes in Neovascular Age-Related Macular Degeneration</td>
<td>Dr Harshil Dharamdasani Detaram</td>
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<tr>
<td>1537–1544</td>
<td>Influence of dietary nitrate intake on 15-year incidence of AMD</td>
<td>A/Prof Bamini Gopinath</td>
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<tr>
<td>1544–1551</td>
<td>Low vitamin D levels are not associated with refractive error in middle-aged and older Western Australian adults</td>
<td>Mr Gareth Lingham</td>
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<td>1551–1558</td>
<td>The Association of Dyslipidemia and Oral Statin use, and Dry Eye Disease symptoms in the Blue Mountains Eye Study</td>
<td>Dr Kenneth Ooi</td>
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<td>1558–1605</td>
<td>Is there adequate documentation of “red eye” presentations in a rural general practice setting?</td>
<td>Dr Chirag Patel</td>
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<td>1605–1612</td>
<td>From Motorola to the macula: Utilising manufacturing appraisal systems to improve service efficiency, quality of care and registrar training in a hospital ophthalmology clinic</td>
<td>Dr Verity Moynihan</td>
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<td>1612–1619</td>
<td>Determining patient preferences in a glaucoma service: a discrete choice experiment</td>
<td>Dr Thomas Lu</td>
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<td>1619–1626</td>
<td>Long term survival rates of patients undergoing vitrectomy for diabetic retinopathy complications in an Australian population</td>
<td>Dr Ebony Liu</td>
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<td>1626–1633</td>
<td>Cataract surgery in NSW: demographic characteristics for first eye surgery determined from a NSW &quot;big dataset&quot; spanning July 2000 to March 2014.</td>
<td>A/Prof Michael Hennessy</td>
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<td>1633–1640</td>
<td>Current state of teleophthalmology in rural Western Australia</td>
<td>Mr Andrew Nguyen</td>
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<td>1640–1647</td>
<td>Regional collaborations can close the gap for vision</td>
<td>Ms Rosamond Gilden</td>
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<td>1700–1745</td>
<td><strong>PRE DRINKS FOR GRADUATION AND AWARDS CEREMONY AND PRESIDENT’S RECEPTION</strong></td>
<td>Room: Foyer, Panorama Ballroom</td>
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<tr>
<td>1800–1930</td>
<td><strong>GRADUATION AND AWARDS CEREMONY AND PRESIDENT’S RECEPTION</strong></td>
<td>Room: Panorama Ballroom</td>
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0645–0800  Novartis Hosted Morning Session  
Title: Retina, AMD and Beyond  
Speakers: Prof John Grigg, Prof Paul Mitchell AO and A/Prof I-Van Ho  
Room: Panorama 1, 2 & 3

0830–1000  Plenary: Best Paper Presentations  
Gerard Crock and John Parr Trophies  
Chairs: A/Prof Mark Daniell and Dr Christine Younan  
Room: Hall C

Topics and Speakers:

0830–0843  Tolerating a degree of subretinal fluid in the treatment of neovascular age-related macular degeneration (nAMD) with ranibizumab using a treat and extend regimen: 24 month results from the phase IV, randomised, single-masked, multi-centre FLUID study  
Prof Robyn Guymer AM

0843–0856  A prospective, randomised clinical trial of intravitreous bevacizumab versus triamcinolone in patients with diabetic macular edema undergoing cataract surgery (The DiMECAT Trial) – 6-month results  
Dr Rathika Kandasamy

0856–0909  Genome-wide association study of intraocular pressure in 133,492 people uncovers new pathways to glaucoma and improves disease prediction  
Prof Alex Hewitt

0909–0922  Selective inhibition of calpain-2 protects retinal ganglion cells and their function in retinal ischaemic-reperfusion injury  
Dr Jack Ao

0922–0935  CPAMD8 and the genetics of childhood and congenital glaucoma  
Dr Owen Siggs

0935–0948  Optimising outcomes when performing neuroimaging for neuro-ophthalmic presentations  
Dr Shanil Dhanji

1000–1030  MORNING TEA

1030–1100  Glaucoma Update Lecture  
The Future of Sensors in the Diagnosis and Monitoring of Glaucoma  
Speaker: Marlene R Moster, MD  
Chair: Dr Ridia Lim  
Room: Hall C

1100–1130  The Fred Hollows Lecture  
The Distillery: How to See the Patient you Need to See When Time is of the Essence  
Speaker: A/Prof Angus Turner  
Chair: A/Prof Nitin Verma AM  
Room: Hall C

1130–1230  ORIA Plenary Update  
Chairs: Prof Mark Gillies and Prof Stephanie Watson  
Room: Hall C

Speakers and Topics:

The Australian Corneal Graft Registry: has it been worth (your) efforts?  
Prof Keryn A Williams

Building a gene atlas for the human retina  
Dr Raymond Wong

Navigating the genetic landscape of inherited Retinal dystrophies  
A/Prof Andrea Vincent

Novel clinical and molecular biomarkers of glaucoma progression identified in the PROGRESSA study  
Prof Jamie Craig

The bionic eye and beyond!
1230–1400
LUNCH

1400–1530 CONCURRENT SESSIONS

1400–1530 Symposium: Culture and Indigenous Health – A South Australian Perspective
Chairs: Prof Hugh Taylor AC, Dr Ashish Agar and Trevor Buzzacott
Room: Hall D

Speakers:
Tanya McGregor
Director, Aboriginal Health Strategy, SA Health
Manager, Aboriginal Health Branch, SA Health

Zell Dodd
CEO, Ceduna Koonibba Aboriginal Health Services Aboriginal Corporation

Dennis Stokes
CEO, Tandanya National Aboriginal Cultural Institute
CEO, Mimi Ngurrdalingi Aboriginal Corporation

Allan Sumner
Lecturer, Flinders University
Managing Director, Aboriginal Contemporary Arts

Prof Dennis McDermott
Flinders University

Tina Miller
Ceduna Koonibba Aboriginal Health Services Aboriginal Corporation

1400–1530 Course: Refractive Surprises after Cataract Surgery. Causes, Prevention and Management
Chairs: Dr Con Moshegov and Dr David Lubeck
Room: Hall C

Topics and Speakers:
Patient selection for particular IOL types; counselling on alternatives, monovision trials, choice of all possible IOL types available in Australia, biometry with emphasis on axial length and corneal shape; formulae for selection of IOL power; astigmatism, angle Kappa, prior refractive surgery and other risk factors for dissatisfaction following surgery; intraoperative factors such as open capsule, zonular laxity, wound integrity and SIA; use of intraoperative guidance systems; management of surgical complications; dealing with residual refractive error with the use of toric IOL rotation, piggy back IOLs, IOL exchange and laser vision correction to optimise outcomes.

Dr Minas Coroneo and Dr Ilan Sebban, Dr Patrick Versace and Dr Con Moshegov will share personal experience with case presentations and individual pearls for dealing with the issues listed above.

1400–1530 Symposium: What's New in Paediatric Ophthalmology?
Chairs: A/Prof James Elder and Dr Wendy Marshman
Room: Hall B

Topics and Speakers:
Amblyopia
Prof Glen Gole

Retina and ROP - what's happening in the Neonatal ward
Dr Susan Carden

What's new in paediatric cataract?
A/Prof Geoff Lam

Uveitis
Dr Robyn Troutbeck

Ocular Surface
Dr Anu Mathew

Glaucoma
Prof John Grigg

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<td>1400–1530</td>
<td><strong>Symposium: Updates in Ocular Trauma</strong></td>
<td>A/Prof Nitin Verma AM and Dr Vignesh Raja</td>
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<td><strong>Topics and Speakers:</strong></td>
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<td></td>
<td>Introduction and classification of ocular trauma</td>
<td><em>A/Prof Nitin Verma AM</em></td>
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<td>Management of corneal injuries</td>
<td><em>Dr Andrea Ang</em></td>
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<td>Traumatic glaucoma</td>
<td><em>Dr Antonio Giubilato</em></td>
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<td>Traumatic cataracts</td>
<td><em>Dr Vignesh Raja</em></td>
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<td>Orbital and oculoplastic injuries</td>
<td><em>Prof Tim Sullivan</em></td>
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<td>Retinal and battlefield injuries</td>
<td><em>Dr Sundaram Natarajan</em></td>
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<td>Trauma in the developing world / retinal injuries</td>
<td><em>Dr Rodney Morris</em></td>
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<td>Trauma in the indigenous population</td>
<td><em>A/Prof Angus Turner</em></td>
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<td>Paediatric eye injuries and eye injury prevention strategies and policy</td>
<td><em>Dr Annette Hoskin</em></td>
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<td>1400–1530</td>
<td><strong>Rapid Fire Session: Retina</strong></td>
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<td><strong>Topics and Speakers:</strong></td>
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<td>1407–1414</td>
<td>Comparison of ranibizumab and aflibercept for neovascular age-related macular degeneration (nAMD) using a treat-and-extend regimen: results of the 24-month secondary efficacy outcomes from the RIVAL study, a randomized clinical trial</td>
<td><em>A/Prof Alex P Hunyor</em></td>
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<td>1414–1421</td>
<td>Pre-symptomatic drop in sensitivity in age related macular degeneration with retinal fluid: implications for detection and home testing</td>
<td><em>Dr Antony Wightman</em></td>
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<td>1421–1428</td>
<td>Visible choroidal neovascularisation: Insights from OCT angiography imaging in neovascular AMD</td>
<td><em>Prof Paul Mitchell AO</em></td>
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<td>1428–1435</td>
<td>Three-dimensional microscopy of the peripapillary capillary plexuses in normal versus diabetic human donor eyes</td>
<td><em>Dr Dong An</em></td>
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<td>1435–1442</td>
<td>Relationship between retinal thickness profiles and visual outcomes in young adults born extremely preterm: The EPICure@19 Study</td>
<td><em>Dr Hemal Mehta</em></td>
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<td>1442–1449</td>
<td>5 Year Outcomes from the BEVORDEX Trial (Bevacizumab or Dexamethasone Implant for DMO)</td>
<td><em>Dr Elisa E Cornish</em></td>
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<td>1449–1456</td>
<td>Genetic variants in VEGF receptor genes are associated with diabetic retinopathy</td>
<td><em>Dr Ebony Liu</em></td>
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A fully implantable 44 channel suprachoroidal retinal prosthesis: surgical safety, stability and initial functional results

A/Prof Penelope Allen

Hypertensive Uveitis: The pressure is on!

Dr Noor Ali

Post-operative endophthalmitis outbreak: how to handle

Dr Ajit Babu Majji

1530–1600 AFTERNOON TEA

1600–1730 CONCURRENT SESSIONS

1600–1730 Course: Error and Safety: Looking through the Language Glass

Topics and Speakers:

PART 1
Opening remarks
Dr Catherine Green AO

Social media – language and risk; Short presentation with Q&A session on the risks associated with social media, marketing and the new privacy laws
Mr Timothy Bowen

Difficult conversations with patients; Breaking bad new and open disclosure
Dr Anu Mathew

It’s not what you said, it’s how you said it and other sources of miscommunication in stressful settings; Don’t kick the dog! How to ensure stress doesn’t lead to adverse outcomes with colleagues and peers and understanding the role of language in stressful situations
Dr Phil Truskett

What is the language of bullying and what is the language of constructive feedback?
Anita Filleti

PART 2
Opening remarks
Dr Catherine Green AO

2018 Bullying, Harassment and Discrimination survey results – comparison to 2015 data
Dr David Andrews

2018 Bullying, Harassment and Discrimination survey results – a trainee perspective
Esra Sanli

2018 Bullying, Harassment and Discrimination survey results – the College response
Dr Heather Mack

Q and A and Closing remarks
Dr Brad Horsburgh

1600–1730 Course: Paediatric Strabismus Case Studies

Topics:
Infantile esotropia
Accommodative esotropia

A series of common, but challenging strabismus cases will be presented. The cases will address common practical issues in childhood strabismus management including: diagnosis and treatment options relating to a number common strabismus entities encountered in children.
Symposium: Endophthalmitis - Diagnosis and Management of Viral, Bacterial, Fungal, Parasitic
Chairs: A/Prof Samantha Fraser-Bell and Dr Robyn Troutbeck
Room: Hall C

Topics and Speakers:
Culture negative endophthalmitis
Russell N Van Gelder, MD

Endophthalmitis
• Differentiating endogenous endophthalmitis (viral, bacterial, parasitic, fungal) using clinical features and multimodal imaging (including OCT findings)
  Dr Sophia Zagora
• Bacterial endophthalmitis management: concentrating on Klebsiella – an emerging trend in Australia
  A/Prof Lyndell Lim
• Viral endophthalmitis management
  HSZ, VZV, CMV treatment
  Dr Jane Wells

Emerging viral uveitis - Dengue, Zika, Ebola, Chikungunya
  Dr Genevieve Oliver

Fungus –posterior
  A/Prof Matthew Simunovic

Scleritis
  Dr Elsie Chan

Parasitic- toxo which agent/s and how to give it
  Dr Dania Qaternah

Practical aspects of prevention and treatment of endophthalmitis
• Prevalence and Incidence of post surgical and IVT related Endophthalmitis (including organisms and sensitivities)
  A/Prof Penelope Allen
• Preventing endophthalmitis post cataract surgery
  Dr Chee Kang
• After intravitreal injections - review of the best evidence and recommendations
  Dr Rohan Merani
• Management of post operative and post injection endophthalmitis – when to inject and when to perform vitrectomy
  Dr Sarah Welch

Symposium: From Discovery to Therapy in Genetic Eye Diseases
Chair: Prof David Mackey
Room: Hall D

Topics and Speakers:
From discovery to gene therapy: the future is closer than you think
  Prof David Mackey

Return of incidental findings to patients from genetic studies: case examples and emerging clinical practice
  Prof Margaret Otlowski

Interpreting genomic data in the context of paediatric cataract
  A/Prof Kathryn Burdon

Innovations in sequencing technologies and the future of diagnostic eye research
Dr Seyhan Yazar
Natural history studies and retinal organoid modelling in inherited retinal disease

Dr Fred Chen
Unexplained vision loss in children: role of electoretinograms

Dr Ashwin Mallipatna
Retinoblastoma: screening, surveillance and saving eyes

Mrs Sandra Staffieri

1600–1730 Rapid Fire Session: Cataract and Refractive
Chairs: Dr Andrea Ang and Dr Jacqueline Beltz
Room: E1 – E2

Topics and Speakers:

1600–1607 Post-surgical versus post-intravitreal injection endophthalmitis: changing patterns in causative flora
A/Prof Matthew Simunovic

1607–1614 Tear Film Osmolarity in a consecutive cohort of 1150 patients undergoing refractive and cataract surgery assessment
Dr Michael Lawless

1614–1621 The accuracy of pentacam pachymetric indices for diagnosing keratoconus
Ramin Salouti, MD

1621–1628 Accuracy of total corneal topographic astigmatism (CorT Total) compared to the total corneal power measured using 3 different tomographers
Prof Noel Alpins AM

1628–1635 Mathematical Modeling and Computer Simulation of the Impact of Phenylephrine on Iris Buckling in Floppy Iris Syndrome
Dr David Lockington

1635–1642 Small aperture IC-8 intraocular lens performance in patients with cataract. Extending depth of focus with small aperture optics.
Dr Con Moshegov

1642–1649 Alcon Acrysof IOL glistenings: is the chromophore the culprit?
A/Prof Philip House

1649–1656 Australian experience with intraocular lens product flaws
Ms Cherry Hong

1656–1703 Effectiveness of macular optical coherence tomography versus clinical examination for detecting macular pathology prior to routine cataract surgery
Dr Enis D Kocak

1703–1710 Endophthalmitis following cataract surgery: the role of prophylactic postoperative antibiotic eyedrops
Dr Sarmad Akkach

1710–1717 Recurrence of herpes zoster keratitis and uveitis following cataract surgery
Dr Lucy Lu

1730–1830 FILM AND POSTER VIEWING SESSION
Room: Exhibition Hall

1830–2200 Alcon Hosted Evening Symposium
Back to the Future
A Night on the Red Carpet
An Immersive 3D Surgical Experience with Alcon
Venue: Ballroom, The Playford Hotel, 120 North Terrace, Adelaide
**PROGRAM – TUESDAY 20 NOVEMBER 2018**

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| 0645–0800  | **Allergan Hosted Morning Symposium**  
Title: Psychology of Patient Compliance – Glaucoma and Retina  
Speakers: Dr Fiona Kerr, Prof Paul Mitchell AO and Marlene R Moster MD  
Chair: Prof Helen Danesh-Meyer  
Room: Panorama 1,2 and 3 |
| 0830–1000  | **Clinical Controversies**  
Chair: Prof Stephanie Watson  
Room: Hall C |
|            | **Topics and Speakers:**  
How to deal with astigmatism in cataract surgery  
*Ramin Salouti, MD* |
|            | Corneal Cross-Linking: where are we?  
*J Bradley Randleman, MD* |
|            | Trabeculectomy vs. Xen or Innfocus: which will be the winner?  
*Marlene R Moster, MD* |
|            | Macular pigment in retinal and neurological diseases  
*Prof Giovanni Staurenghi* |
|            | Local or global? Pros and cons of treating uveitis with corticosteroid implants versus systemic immunomodulation  
*Russell N Van Gelder, MD* |
| 1000–1030  | **MORNING TEA** |
| 1030–1100  | **Uveitis Update Lecture**  
Lessons from Deep Sequencing in Ocular Inflammatory Disease  
Speaker: Russell N Van Gelder, MD  
Chair: Dr Diana Conrad  
Room: Hall C |
| 1100–1130  | **The Norman McAlister Gregg Lecture**  
Taking Out the Waste – AMD is a Disease of Accumulated Debris but Maybe it is Time to Spring Clean  
Speaker: Prof Robyn Guymer AM  
Chair: Dr Grant Raymond  
Room: Hall C |
| 1130–1230  | **RANZCO Plenary**  
Ophthalmology in the Future  
Chairs: A/Prof Nitin Verma AM and A/Prof Clare Fraser  
Room: Hall C |
|            | **Topics and Speakers:**  
Opening remarks  
*A/Prof Nitin Verma AM*  
RANZCO positioning for the impact of AI  
*Dr David Andrews*  
Artificial Intelligence in the eye care work place: Do we need to be afraid?  
*Dr Peter Van Wijngaarden*  
DR screening and referral Guidelines 2018  
*Dr John Downie and Dr Tim Henderson*  
New Selection process, including Rural, Remote and Regional Training Post  
*Dr Justin Mora*  
Curriculum Development Project  
*Dr Catherine Green AO*  
Discussion time and close |
| 1230–1400  | **LUNCH** |
| 1400–1530  | **CONCURRENT SESSIONS** |
| 1400–1530  | **Course: Younger Fellows: Trials and Triumphs** |
Chair: Dr Kenneth Chan  
Room: Hall A

**Topics and Speakers:**  
Introduction  
*Dr Kenneth Chan*

Medicare: a Q&A on common pitfalls and confusions on billing practices  
*Dr Brad Horsburgh*

Medicolegal update: case reports  
*Mr Timothy Bowen*

International and indigenous ophthalmology development: Sight for All Foundation  
*Prof Robert Casson*

Leadership in practice: skills for success  
*A/Prof Lyndell Lim*

**1400–1530**  
**Course: At the Mercy of the Microbiota? Ocular Microbiome, Systemic Microbiomes, Ocular Microbial Ecology, Prebiotics, Probiotics and Antimicrobials in Ocular Health and Disease**  
Chairs: Dr Jo Richards and A/Prof Mei Ling Tay-Kearney  
Room: Hall D

**Topics and Speakers:**  
The Microbiome and the Life Course  
*Prof Steve Wesselingh*

The ocular microbiome in health, infection and inflammation  
*Russell N Van Gelder, MD*

Ocular surface infection commensalism vs pathogenicity, biofilms, invasive behaviour and host susceptibility. Diagnostic considerations in corneal and other eye infections  
*Dr Paul Badenoch*

Probiotics and prebiotics. Update on research and evidence in ocular inflammation and associated systemic health / disease  
*Dr Matt Ball*

Managing microbes: Antimicrobial update and antimicrobial stewardship  
*Dr Jo Richards*

**1400–1530**  
**Course: Complicated Cataracts and Cataract Complications**  
Chair: Dr Elsie Chan  
Room: Hall C

**Topics and Speakers:**  
Pre-op evaluation  
*Dr Sing-Pey Chow*

Difficult cataracts and how to avoid complications  
*Dr Jacqueline Beltz*

Cataract surgery in corneal disease  
*Dr Elsie Chan*

Complication management 1 – capsular tears and anterior vitrectomy  
*Dr Bernardo Soares*

Complication management 2 – loose zonules and IOL placement options  
*Dr Chameen Samarawickrama*

Post-operative complications  
*Dr Andrea Ang*

**1400–1530**  
**CPD Audit Rapid Fire Session**  
Chair: Dr Sukhpal Sandhu  
Panel: Dr Peter Macken, Dr Heather Mack, Dr Aanchal Gupta and Dr Alok Sharma  
Room: Hall B

*Trade and media not eligible to attend this session*
**Topics and Speakers:**

1400–1407 Toric intraocular lens misalignment - incidence and outcomes of repositioning surgery  
*Dr Bernardo Soares*

1407–1414 Long-term outcome of intrastromal corneal ring segments in keratoconus: Five-year follow up  
*Dr Min-Ji Kang*

1414–1421 Visual Outcomes and Complications of Boston Keratoprosthesis Type 1, Osteokeratoprosthesis and Osteoodontokeratoprosthesis  
*Miss Mona Khoshkhesal*

1421–1428 Evaluation of guidelines for the management of herpes simplex keratitis at the Sydney Eye Hospital  
*Dr Maria Cabrera-Aguas*

1428–1435 A clinical audit of a novel postoperative drop regime following routine cataract surgery  
*Dr Peter Macken*

1435–1442 Antimicrobial Stewardship 2018. Collaborative audit of antimicrobial practice of RANZCO fellows  
*Dr Jessica Ong*

1442–1449 Nd:YAG laser anterior capsulotomy for anterior capsule contraction syndrome  
*Dr Damien Ling*

1449–1456 High concentration Topical Cyclosporine in ocular surface disease. A 5-year cohort study at a quaternary referral eye hospital, Sydney, Australia  
*Dr Andrew Burbidge*

1456–1503 Recurrent Corneal Erosion Syndrome (RCES): a retrospective review of emergency management and outcomes of disease  
*Dr Alice Dutton*

1503–1510 IOP lowering ability of iStent inject implantations  
*Dr Ian Hurley*

1510–1517 Keraring implantation followed by simultaneous Topography-guided PRK and CXL in contact lens intolerant keratoconus patients  
*Dr Aanchal Gupta*

**Rapid Fire Session: Glaucoma**

Chairs: A/Prof Anne Brooks and Prof Helen Danesh Meyer  
Room: E1 – E2

**Topics and Speakers:**

1400–1407 Association of optic nerve head structural biometric measures with refractive error through axial length  
*Dr Seyhan Yazar*

1407–1414 Nailfold capillaroscopy abnormalities in primary open angle glaucoma  
*Dr Hannah Kersten*

1414–1421 Macular GCIPL Loss precedes Peripapillary RNFL loss in glaucoma with lower intraocular pressures  
*Mr Henry Marshall*

1421–1428 A polygenic risk score that predicts familial genetic risk in glaucoma  
*Dr Mark M Hassall*

1428–1435 Clinical utility of polygenic risk score in early glaucoma: application in a national prospective early manifest glaucoma cohort  
*Dr Ayub Qassim*

1435–1442 Is the timing of Laser Goniopuncture after Deep Sclerecotomy Important?  
*Dr David Holmes*

1442–1449 Results from the HORIZON trial: a randomized study of a Schlemm’s canal microstent for reduction of IOP in primary open angle glaucoma  
*Dr Paul Harasymowycz*

1449–1456 Prospective, multicenter, randomized comparison of standalone Hydrus versus two iStents for reduction of IOP in open angle glaucoma: the COMPARE study
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<tr>
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| 1456–1503 | **Dr Paul Harasymowycz**  
The Sydney Multicentre Hydrus Study: Three year outcomes for standalone MIGS |
| 1503–1510 | **Dr Ashish Agar**  
Ab interno gel implant for the treatment of refractory glaucoma: results from the International Glaucoma Surgery Registry |
| 1510–1517 | **Dr Nathan Kerr**  
Implementation of RANZCO Glaucoma Collaborative Care Guidelines in the management of low risk glaucoma patients in a public hospital setting |
| 1517–1524 | **Dr Catherine Green AO**  
Improve your research productivity whilst on your coffee break: highly accurate fully-automated batch processing to quantify retinal ganglion cells in retinal flatmounts |
| **1530–1600** | **AFTERNOON TEA** |
| **1600–1730** | **CONCURRENT SESSIONS** |
| 1600–1730 | **Course: In the Eye of the Beholder: Quality Improvement through Conscious Decision-Making**  
Chairs: Dr Genevieve Oliver and Dr Sukhpal Sandhu  
Room: Hall B  
**Topic and Speaker:**  
Ways to unlock your business and career potential though better decision-making. Having interviewed RANZCO fellows to understand the decisions they face each day, the course will be contextualised for the profession.  
**Ms Deb Assheton** |
| 1600–1730 | **Symposium: The Big Issues of Small Implants**  
Chairs: A/Prof Michael Coote and A/Prof Nitin Verma AM  
Room: Hall C  
**Topics and Speakers:**  
Overview of MIGS  
**Dr Tim Roberts**  
What happened to CYPASS?  
**Dr Ridia Lim**  
Panel discussion  
  • What should we do with CYPASS already in?  
**Video presentation:** "When you want out - removing the CyPass micro-stent"  
**Dr Brian Ang**  
Panel discussion  
  • If GDD had been subjected to the same scrutiny would they have been allowed to continue?  
  • Is this likely to happen to other implants?  
Real life results in a General Ophthalmology setting  
**Dr Philomena McNamara**  
iStent /Hydrus in real life – Overview  
**Dr Ashish Agar**  
Panel discussion  
  • How much is patient selection and technique?  
  • Can you tell if the implant is in the right place - without knowing the IOP?  
  • Is more, better?  
  • How long do they last?  
  • What is the local experience?  
**XEN in real life**  
**Prof Bill Morgan**  
Panel discussion |
- What are the issues with XEN?
- There are variations in technique - do they matter?
- Who is the best patient?
- Can you revise them?

InnFocus MicroShunt  
*Dr Nathan Kerr*

Panel discussion  
- Device and technique  
- Data and experience  
- A MIGS device that can replace trabeculectomy?

Cost efficacy of MIGS: What does it cost to reduce the IOP by 1 mm Hg  
*Prof Robert Casson*

Panel discussion  
- Predictions for the future  
- Where do MIGS fit into the management strategy for glaucoma?  
- Have MIGS made life easier for the General ophthalmologist?  
- How many procedures does one need to perform to master the techniques?  
- Will MIGS always be combined with cataract surgery?

**WHAT'S NEXT?**

1600–1730  
**Symposium: High Myopia: Diagnosis and Treatment**  
Convenors: Dr Heather Mack and Dr Fred Chen  
Room: Hall D  

**Topics and Speakers:**  
Epidemiology of myopia, risk factors  
*Prof Ian Morgan*  

Genetics of myopia and high myopia  
*Prof David Mackey*  

Diagnosis and classification of myopic maculopathy  
*Prof Seang Mai Saw*  

Atropine prevention of myopia  
*Dr Antony Clark*  

Surgical treatment of myopic macular complications  
*Prof Giovanni Staurenghi*  

Anterior segment approaches to correct myopia  
*Ramin Salouti, MD*  

Panel discussion with cases

1600–1730  
**Course: Ocular Oncology Update**  
Chair: Dr Bill Glasson AO  
Faculty: Dr John McKenzie, Dr Daniel McKay, Dr Peter Hadden, Dr Adrian Fung, Dr Tim Isaacs, Dr Ashwin Mallipatna and Dr Sunil Warrier  
Room: Hall A  

**Topics and Speakers:**  
Retinoblastoma Management - Benchmarking care via the Rb ANZ Alliance  
*Dr John McKenzie and Dr Ashwin Mallipatna*  

Systemic management considerations in choroidal melanoma and its implications in management of ocular disease  
*Dr Daniel McKay*  

Case presentations  
Panel

1600–1730  
**Rapid Fire Session: Cornea**  
Chairs: Dr Richard Mills and Dr John Males  
Room: E1 – E2
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<tr>
<td>1600–1607</td>
<td>Comparison between Manual-Trephination vs. Femtosecond Laser-assisted Deep Anterior Lamellar Keratoplasty for Keratoconus  &lt;br&gt;Dr Ramin Salouti</td>
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<td>1607–1614</td>
<td>Repeat corneal transplantation: indications, graft survival, and visual outcomes  &lt;br&gt;Dr Lucy Lu</td>
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<td>1614–1621</td>
<td>Refractive Error in Early Keratoconus and its Potential as a Screening Tool  &lt;br&gt;Dr Samantha Bobba</td>
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<td>1621–1628</td>
<td>Keratoconus Natural History: A Systematic Review and Meta-analysis of 11,338 eyes and report from 458 eyes from the Save Sight Keratoconus Registry (SSKR)  &lt;br&gt;Dr Alex Ferdi</td>
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<td>1628–1635</td>
<td>Topographic and refractive stability following primary pterygium excision with conjunctival autograft and human tissue adhesive  &lt;br&gt;Dr Riyaz Bhikoo</td>
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<td>1635–1642</td>
<td>Microbial keratitis organisms and resistance patterns at the Royal Victorian Eye and Ear Hospital – a comparison with Sydney Eye Hospital  &lt;br&gt;Dr Varun Chandra</td>
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<td>1642–1649</td>
<td>Peripheral ulcerative keratitis and necrotising scleritis - a ten year review of outcomes in a single centre  &lt;br&gt;Dr Siddharth Ogra</td>
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<td>1649–1656</td>
<td>Techniques for Iris reconstruction  &lt;br&gt;Dr Tushar Agarwal</td>
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<td>1656–1703</td>
<td>3D Cell printing and corneal epithelial regeneration using a Novel Bioink (iFixInk)  &lt;br&gt;Ms Hannah Frazer</td>
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<td>1703–1710</td>
<td>An ocular adhesive for corneal wound sealing: An ex vivo study  &lt;br&gt;Dr Jackie Tan</td>
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<td>1710–1717</td>
<td>Development of OKG-0301, a Novel Anti-Viral, for the Treatment of Adenoviral Conjunctivitis  &lt;br&gt;Prof Stephanie Watson</td>
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<td>1900</td>
<td>CONGRESS DINNER  &lt;br&gt;Venue: The Ian McLachlan Room, Adelaide Oval</td>
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<td>0645–0800</td>
<td>ANZGS Glaucoma Symposium</td>
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<td><strong>Sponsored by Allergan</strong></td>
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<td>Topic: Glaucoma Surgical Nightmares</td>
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<td>Speaker: Marlene R Moster, MD</td>
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<td>0830–1000</td>
<td>Plenary</td>
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<td>Joint Symposium ANZ Cornea Society and The Cornea Society (USA):</td>
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<td>Update on Common Corneal Challenges For the General Ophthalmologist</td>
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<td>Chairs: Prof Gerard Sutton and Dr Elmer Tu</td>
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<td><strong>Topics and Speakers:</strong></td>
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<td>How to deal with endothelial disease when considering cataract surgery</td>
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<td><em>Dr Jacqueline Beltz</em></td>
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<td>Keratoconus for the comprehensive ophthalmologist</td>
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<td><em>Prof Michael Belin</em></td>
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<td>Pearls in the treatment of HSK</td>
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<td><em>Dr Andrea Ang</em></td>
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<td>Bugs on the Cornea: What’s new?</td>
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<td><em>Dr Elmer Tu</em></td>
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<td>Dry Eye Made Easy</td>
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<td><em>Dr Aanchal Gupta</em></td>
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<td>Practical approach to the melting cornea</td>
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<td><em>Dr David Lockington</em></td>
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<td>My approach to OSSN</td>
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<td><em>Dr Alex Hamilton</em></td>
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<td>Simple Strategy for accurate IOL power after previous refractive surgery</td>
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<td><em>Dr Wuqaas Munir</em></td>
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<td>1000–1030</td>
<td>MORNING TEA</td>
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<td>1030–1100</td>
<td>Cataract Update Lecture</td>
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<td>Update in femtosecond laser assisted cataract surgery versus</td>
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<td>conventional phacoemulsification</td>
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<tr>
<td>1100–1130</td>
<td>The Dame Ida Mann Memorial Lecture</td>
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<td>Progress Toward Pharmacologic Vision Restoration in Outer Retinal</td>
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<td>1130–1200</td>
<td>Awards and Close</td>
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