



RANZCO
PERTH2017
49TH ANNUAL SCIENTIFIC CONGRESS

28 OCTOBER - 1 NOVEMBER 2017
PERTH CONVENTION AND EXHIBITION CENTRE



Perth City Skyline at dawn, photography by Luke Austin

RANZCO 2017 POSTER PROGRAM

POSTER NO.	PRESENTER NAME	TITLE	CATEGORY
1	Dr Shay Kehat-Ofir	Profile of patients presenting for cataract surgery in a public hospital: A 15 year perspective	Cataract
2	Dr Keith ONG	Prevalence of variation in predicted refraction between different IOL formulae	Cataract
3	Dr Keith ONG	Ideal laser posterior capsulotomy size	Cataract
4	Dr Keith ONG	Eyes with discrepancy >0.5 dioptre in predicted refraction between iol formulae	Cataract
5	Mr Lewis Lam	Pre-operative risk stratification of patients undergoing cataract surgery at a tertiary, teaching hospital in Waikato, New Zealand	Cataract
6	Dr Christopher Chan	Early clinical experience with a small aperture Extending Depth of Focus IOL (AcuFocus IC-8) in Australia	Cataract
7	Dr Peter Garside	Development and audit of Cataract Surgery Local Safety Standards for Invasive Procedures (LocSSIPs) following a wrong lens implant never event	Cataract
8	Dr Vanessa Leung	The clinical use of topical hypertonic saline eye drops in a tertiary referral eye care centre in Sydney, Australia	Cataract
9	Mr Henry B Wallace	Biometry prediction error associated with the Hill-RBF, Barrett Universal II, and SRK/T formulae	Cataract
10	Mr Nicholas Enright	Yield of routine pre-cataract surgery macular Optical Coherence Tomography in finding clinically undetected macular pathology	Cataract
11	Dr Katja Ullrich	Accuracy of toric iol axis marking after anaesthesia	Cataract
12	Mr Jason Ha	Characterising the spectral effect of nuclear cataracts on hyperspectral images using Partial Least-Squares Regression	Cataract
13	Dr Uday Bhatt	Comparison of posterior capsulotomy rates in decentered versus well centered capsulorhexis in femtosecond laser assisted cataract surgery (FLACS).	Cataract
14	Dr Karl D. Brown	In vivo and in vitro development of a tissue engineered corneal endothelium	Cornea
15	Ms Pauline Khoo	The effectiveness of topical antibiotics versus antibiotic/steroid combinations treatment for Meibomian gland dysfunction: A systematic review	Cornea
16	Dr Lawrence Oh	Applications and efficacy of topical N-acetyl-cysteine in a Tertiary Eye Referral Centre	Cornea
17	Mr Brendon Lee	Prospective study on the ocular manifestations in Epidermolysis Bullosa and Autoimmune Blistering Diseases	Cornea

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18	Dr Uday Bhatt	Corneal densitometry after corneal collagen crosslinking in keratoconus using dual scheimpflug analyser and its relation to subjective haze	Cornea
19	Dr Alexandros Ioannidis	The Fabry Outcome Survey: A comprehensive approach for documenting the ocular manifestations in Anderson–Fabry Disease	Epidemiology/Public Health
20	Ms Haiying Chen	Nationwide variation in cataract surgery and intravitreal injection	Epidemiology/Public Health
21	Dr Ben Connell	Corneal collagen cross linking for progressive keratoconus in the paediatric age group	Epidemiology/Public Health
22	Ms India Kinsey	A study of Ophthalmological services for Indigenous Australians in Rural and Metropolitan NSW	Epidemiology/Public Health
23	Julie Crewe	Can colour vision defects be an advantage?	Epidemiology/Public Health
24	Dr Steve Bartnik	Ten year incidence of eye injuries in Western Australia	Epidemiology/Public Health
25	Dr Steve Bartnik	Incidence of Aboriginal and Torres Strait Islander eye injuries requiring hospitalisation in Western Australia	Epidemiology/Public Health
26	Dr Keith Gordon	Capture-recapture; a method for determining the prevalence of vision impairment in the population	Epidemiology/Public Health
27	Ms Shiwan Fu	Implementing a model to evaluate the impact of the Lions Outback Vision Van on health outcomes in the first year of operation	Epidemiology/Public Health
28	Dr Morgan Kennedy	Ocular Trauma resulting in significant vision loss in the indigenous vs. non indigenous population in the Top End: A retrospective Case Series	Epidemiology/Public Health
30	Ms Tracey-Anne Dickens	The profile of Ocular Tumour in the Western Australian population: 1982 to 2016	Epidemiology/Public Health
31	Dr Irene Tan	Twelve month review of consultations in a tertiary hospital emergency ophthalmology clinic	Epidemiology/Public Health
32	Dr Vanessa Leung	Retinal microvascular abnormalities and stroke subtypes: a systemic review and meta-analysis	Epidemiology/Public Health
33	Mr José J Estevez	Profiling Diabetic Ophthalmic Complications within an Aboriginal Population-Based Cohort: The Predicting Renal, Ophthalmic and Heart Events in the Aboriginal Community Study (PROPHECY)	Epidemiology/Public Health
34	Dr Neeranjali Jain	Audit of corneal conditions at a tertiary referral centre in Sydney	Epidemiology/Public Health
35	Dr Nayomi Perera	Glaucoma fixed combination drops versus single agent drops: Australian and state prescribing trends during 2001 to 2015	Epidemiology/Public Health
36	Dr Steve Bartnik	Assessing the need for ophthalmology services in rural Western Australia	Epidemiology/Public Health
37	Mr Mitchell Anjou	The gap for vision can be closed by 2020	Epidemiology/Public Health
38	Dr Jennifer Thompson	Expanding the genetic scope of inherited retinal dystrophies utilising RD NGS panel testing	Genetics
39	Ms Terri McLaren	A review of genetic analysis research reports provided by the Australian Inherited Retinal Disease Registry	Genetics
40	Dr Tina Lamey	Genetic aetiology of X-Linked retinitis pigmentosa in Australia	Genetics
41	Dr Shay Kehat-Ofir	Transscleral Selective Laser Trabeculoplasty without a gonioscopy lens	Glaucoma
42	Dr Dickson Wong	Medium term sustainability of Iris Thinning over laser sports and angle opening post laser iridoplasty for narrow angles	Glaucoma

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43	Dr Vijay B Mistry	The association between focal lamina cribosa defects and optic disc haemorrhages in glaucoma	Glaucoma
44	Dr Lei Liu	Loss of macular ganglions and blood perfusion in glaucoma detected by OCTA	Glaucoma
45	Dr Irene Tan	Tissue pulsation amplitude variation in the normal human optic nerve head	Glaucoma
46	Dr Ying Jo Khoo	Ciliary block from Sommering ring in a pseudophakic eye despite peripheral iridotomy	Glaucoma
47	Dr Michelle Hui	Evaluation of the early to mid-term efficacy and safety of deep sclerectomy for open –angle glaucoma in an Australian population	Glaucoma
48	Dr Jessica Tang	The portable electroretinogram (ERG) device: a useful functional measure in glaucoma	Glaucoma
49	Dr Ali Haider	iStent inject: a 12 month comparative study	Glaucoma
50	Dr Bryan Tan	Whole population trends in glaucoma surgery in Western Australia (1992-2013)	Glaucoma
51	Prof Anthony Hall	Association of human immunodeficiency virus anti-retroviral treatment and development of glaucoma	Glaucoma
52	Dr Mona S Awadalla	The role of Icare HOME tonometer in a clinical setting	Glaucoma
53	Ms Ellie Bowditch	Colour vision in glaucoma	Glaucoma
54	Mrs Bronwyn Ridge	Glaucoma prevalence and knowledge in first-degree relatives of advanced glaucoma cases in the TARRGET (Targeting At Risk Relatives of Glaucoma patients for Early diagnosis and Treatment) study	Glaucoma
55	A/Prof Andrew White	Differentiation of pituitary and glaucoma visual field defects using an Artificial Neural Network	Glaucoma
56	Dr Lukas Sahhar	Comparison of perimetry for glaucoma using standard-sized iPad and large screen iPad Pro with Humphrey Field Analyzer	Glaucoma
57	A/Prof Ivan Goldberg	Twice-a-day fixed-combination brinzolamide 1%/brimonidine 0.2% adjunctive to a prostaglandin analog in patients with open-angle glaucoma or ocular hypertension: design of a multicenter study	Glaucoma
58	Lei Liu Dang	10-year trends in glaucoma surgical training at an Australian Glaucoma Fellowship Program	Glaucoma
59	Dr Mark Zada	Argon laser peripheral iridoplasty: significance of pre-procedure pilocarpine test in selecting suitable candidates that have failed peripheral iridotomy	Glaucoma
60	Ms Duri Kim	The quality of glaucoma referrals and surveillance of the subsequent hospital management	Glaucoma
61	Dr Sugapriyan Ravichandran	Prevalence of ultrasound biomicroscopic features in a select group of recurrent angle closure subjects	Glaucoma
62	Mr Cliff Wong	Comparing 120 vs 160 shots of Selective Laser Trabeculoplasty in the treatment of glaucoma	Glaucoma
63	Dr Araniko Pandey	A hospital based cross-sectional study to assess various types of non glaucomatous optic neuropathies	Neuro-ophthalmology
64	Mr Michael Cheung	The use of non-mydratic fundus camera in neurology	Neuro-ophthalmology
65	Lisa S Kearns	In pursuit of gene therapy trials and better sight for young males with Leber's Hereditary Optic Neuropathy (LHON)	Neuro-ophthalmology
66	Dr Mitchell Lawlor	The rational use of neuroimaging for neuro-ophthalmic presentations	Neuro-ophthalmology
67	Dr Mitchell Lawlor	Incidental findings and other harms of neuroimaging	Neuro-ophthalmology

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68	Dr Samantha Bobba	Contiguous silicone oil migration from the vitreous cavity to optic tract: A case report and literature review	Neuro-ophthalmology
69	Dr Yen Cheng	Irreversible lenalidomide related optic neuropathy in a patient with chronic myeloid leukaemia	Neuro-ophthalmology
70	Mr Lewis Lam	Post-geniculate pathology leading to localised thinning of the Ganglion Cell Layer on Spectral-Domain Optical Coherence Tomography	Neuro-ophthalmology
71	Dr Andrew Catran	Effect of trial lens surface reflection on sensitivity on automated perimetry	Neuro-ophthalmology
72	Dr Clayton Barnes	Comparison of PEAK PlasmaBlade versus either Colorado Microdissection Needle or Scalpel Incision for Aesthetic and Functional Upper Eyelid Blepharoplasty	Oculoplastic/Orbit
73	Dr Shay Kehat-Ofir	A novel technique for measuring eyelid force	Oculoplastic/Orbit
74	Dr Shay Kehat-Ofir	Case Report: Dedifferentiated Liposarcoma	Oculoplastic/Orbit
75	Dr Ashima Aggarwala	Orbital Canine Scavenging injury requiring enucleation: A case report	Oculoplastic/Orbit
76	Dr Paul Ikgan Sia	Comparison of pressure and resistance in lacrimal syringing and dacryocystography	Oculoplastic/Orbit
77	Dr Paul Ikgan Sia	An atypical case of severe visual loss from hyaluronidase allergy	Oculoplastic/Orbit
78	Dr Vanessa Leung	Surfboard-related intraorbital foreign bodies – a case series and radiological considerations	Oculoplastic/Orbit
79	Dr Vanessa Leung	Psuedomonas sinusitis complicated by orbital apex syndrome	Oculoplastic/Orbit
80	Dr James Sterrey	Fine-needle aspiration biopsy and recurrence in Lacrimal Gland Pleomorphic Adenoma: A systematic review	Oculoplastic/Orbit
81	Mr Hans Vellara	Changes in orbital compliance post orbital decompression using a novel method	Oculoplastic/Orbit
83	Mr Nicholas Enright	Nasolacrimal Sac Diverticulum: A case series and literature review	Oculoplastic/Orbit
84	Dr Yvonne Chung	Optical Coherence Tomography Angiography (OCTA) for Scleral Vasculature Imaging in Thyroid Eye Disease (TED) Patients	Oculoplastic/Orbit
85	Dr Mary Attia	Multifocal intraocular lens with a +8.0 D near addition for visual rehabilitation in patients with a chronic maculopathy	Other
86	Mr Lewis Lam	Not all scleritis are the same – a case of Scedosporium apiospermum fungal scleritis.	Other
87	Dr Mirna Hunter	The Wild West: The first year of the Lions Outback Vision Van in Western Australia	Other
88	Dr Steve Bartnik	Lions Outback Vision Teleophthalmology Service: Lessons learned from consecutive audits	Other
89	Neeranjali Jain	Australasian ophthalmology trainees' and ophthalmologists' experiences of discrimination, bullying and sexual harassment and work-life balance	Other
90	Dr Richard Sarafian	Ocular injuries caused by magpies in Central Queensland	Other
91	Dr Daniel McKay	Ligneous conjunctivitis treated with topical fresh frozen plasma	Paediatric ophthalmology
92	Ms Kathrina YL Chooi	Fibrillin-2 Mutation and Keratoconus: A Case of Congenital Contractural Arachnodactyly and Review of Literature	Paediatric ophthalmology
93	Dr Antony Clark	Selective Laser Trabeculoplasty (SLT) in paediatric glaucoma	Paediatric ophthalmology
94	Dr Andrew Burbidge	A clinical case challenge: Meningitis, seizure, intubation and ICU admission from an innocuous red eye	Paediatric ophthalmology

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95	Dr Andrew Burbidge	The impact of neonatal transfer on follow up screening for Retinopathy of Prematurity – Data from a tertiary care children’s hospital in NSW Australia	Paediatric ophthalmology
96	Dr Samantha Bobba	An Atypical Case and Literature Review of Paediatric Conjunctival Non-Hodgkin’s B Cell Mucous Associated Lymphoid Tissue (MALT) Lymphoma	Paediatric ophthalmology
97	Dr Andrew Burbidge	Anatomical & structural outcomes of a protocol based management for laser treated Zone I & II retinopathy of prematurity cases from a tertiary care NICU in NSW	Paediatric ophthalmology
98	Dr Kathrin Rac	Ocular Manifestations of multi-nutritional deficiencies in an Australian child	Paediatric ophthalmology
99	Mrs Samantha Simkin	Wide-field digital imaging and telemedicine for retinopathy of prematurity screening in Auckland, new Zealand wide-field digital imaging and telemedicine for retinopathy of prematurity screening in Auckland, New Zealand	Paediatric ophthalmology
100	Dr Pathmanathan Pathmaraj	New edition of RANZCO patient education pamphlet: Refractive Surgery - A guide for patients	Refractive Surgery
101	Dr Chloe FT Ting	Assessing the VisQOL PROM in patients with refractive error treated by TEMPLA	Refractive Surgery
102	Dr Chu Luan Nguyen	Aflibercept for Diabetic Macular Oedema: A Meta-analysis of Randomized Controlled Trials	Retina
103	Ms Haiying Chen	Optical coherence tomography analysis of patients with untreated diabetic macular oedema	Retina
104	Dr Susan Carden	Handheld Spectral Domain Ocular Coherence Tomography in a Neonatal Intensive Care Unit	Retina
105	Dr Chee Yiong Kang	Macular detachment in the repair of large and refractory macular holes	Retina
106	Dr Jack Ao	A safety study of photobiomodulatory far red/near-infrared laser	Retina
107	Dr Anthony Yao	Assessment of Peripheral Disease in Cystoid Macular Oedema with Ultra-Widefield Fluorescein Angiography	Retina
108	Dr Irene Tan	Exudative AMD refractory to anti-VEGF therapy in patients with malignancy	Retina
109	Dr Chi Yun Doreen Ho	Outcomes with the use of short-term perfluoro-n-octane tamponade in eyes with complex giant tear retinal detachments	Retina
110	Dr Antony Wightman	Retinal vessel changes and intracoronary plaque composition: a single centre cross-sectional observational study	Retina
111	Mr Jeffrey KC Mak	Retreatment interval profiling in ranibizumab therapy for neovascular age-related macular degeneration shows three classes of posology	Retina
112	Dr Ying jo Khoo	Streptococcus gallolyticus endocarditis presenting with paracentral acute middle maculopathy (PAMM)	Retina
113	Ms Phingphan Klongthanakit	A retrospective review of endogenous endophthalmitis in the tertiary referral center	Retina
114	Dr Evan Wong	A comparison of three methods of analysing disease progression using microperimetry in patients with non-neovascular macular dystrophy and degeneration	Retina
115	Dr Sukanya Arunachalam	Serous retinal detachment due to fibroblast growth factor receptor inhibitor in malignant pleural mesothelioma	Retina
116	Dr Hemal Mehta	Real-world visual outcomes in patients with neovascular age-related macular degeneration receiving intravitreal aflibercept at fixed intervals as per UK license	Retina

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117	Dr Anmar Abdul-Rahman	Fourier waveform amplitude distribution using a novel non-invasive method of retinal vascular pulse waveform assessment	Retina
118	Dr Avenell Chew	The meaning of the subclinical bull's eye lesion on near infrared reflectance in a patient taking hydroxychloroquine	Retina
119	Mr Brad Guo	AMD with submacular haemorrhage:international survey of current treatment practice	Retina
120	Dr Danuta Sampson	Repeatability and normative range of retinal capillary metrics using RTVue XR Avanti optical coherence tomography angiography	Retina
121	Dr Caitlin Corkhill	Immune response driving CNV: a role for placenta growth factor	Retina
122	Dr Andrew Hewson	Autologous neurosensory retinal flap for closure of refractory macular hole in a patient with macular telangiectasia	Retina
123	Mr Callum Umstad	Retinal nerve fibre layer thickness in patients on Plaquenil for systemic lupus erythematosus	Retina
125	Dr Shahriar Amjadi	Optical coherence tomography reveals retrograde trans-synaptic retinal ganglion cell layer thinning in patients with cortical visual field loss	Retina
126	Dr Dong An	Evaluation of the perimacular circulation using optical coherence tomography angiography	Retina
127	Erandi Chandrasekera	Comparisons between optical coherence tomographic angiography and matched histology of the peri-papillary region of the normal human eye	Retina
128	Dr Carla B. Mellough	The generation of useful human retinal tissue from human pluripotent stem cells for the study of ophthalmic development, health and disease	Retina
129	Dr Sugapriyan Ravichandran	Assessment of choroidal neovascular lesion activity using optical coherence tomography angiography in a child with chronic macular oedema due to autosomal recessive bestrophinopathy	Retina
130	Rashmi Nair	Characterisation of paracentral microscotoma post Epiretinal Membrane with Internal limiting membrane peeling surgery through MAIA microperimetry: a case series	Retina
131	Dr Shivanand Sheth	Complications following equatorial myopexy for inferiorly positioned lateral rectus muscles	Strabismus
132	Dr Shivanand Sheth	The clinical spectrum of lateral rectus heterotopy	Strabismus
133	Dr Shivanand Sheth	Eye movement recordings for childhood onset nystagmus – When you don't need them	Strabismus
134	Dr Shivanand Sheth	When radiology of the orbits does and doesn't help in the evaluation of horizontal strabismus	Strabismus
135	Dr Shivanand Sheth	When radiology of the orbits does and doesn't help in the evaluation of vertical strabismu	Strabismus
136	Dr Shivanand Sheth	The Radiology of the Inferior Oblique and its Clinical Implications	Strabismus
137	Dr Colby T Hart	Epidemiology of Uveitis in Metropolitan Melbourne	Uveitis
138	Dr William Yates	Behcet's disease: 10-year experience at the Sydney Eye Hospital	Uveitis
139	Dr William Yates	Ocular toxoplasmosis in a large tertiary referral centre in Sydney, Australia	Uveitis
140	Ms Zelia Chiu	Patterns of vitamin D levels in uveitis patients	Uveitis
141	Dr Sophia L. Zagora	Assessment of structure function correlation in uveitic cystoid macular oedema and treatment response using non-invasive optical coherence tomography angiography	Uveitis

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142	Dr Benjamin Host	Zostavax® vaccine triggering bilateral acute retinal necrosis due to wild-type varicella zoster virus	Uveitis
143	Dr Ali Haider	Sympathetic ophthalmia associated with untreated choroidal melanoma	Uveitis
144	Prof Peter McCluskey	Optical Coherence Tomography findings in infectious necrotizing retinitis: a comparison among different etiologies	Uveitis