

ANZGS CONGRESS 2023

16 - 17 FEBRUARY Glaucoma Science
18 - 19 FEBRUARY Clinical Glaucoma

QUEENSTOWN, NZ



16 - 19 FEBRUARY 2023

RANZCO



The Royal Australian
and New Zealand
College of Ophthalmologists
THE LEADERS IN COLLABORATIVE EYE CARE

THURSDAY 16 FEBRUARY 2023 (NZST)

Start	End	Duration	Presentation	Speaker / Location
7:30	8:30	60	Registration open	Level 5 Foyer
8:30	8:55	25	Opening of the Glaucoma Science conference	Chairs: Prof Helen Danesh-Meyer & Dr Jesse Gale Clancy's Room
8:30	8:50	20	Mihi whakatau, welcome from tangata whenua	Darren Rewi, Ngai Tahu kaumatua
8:50	8:55	5	Welcome from ANZGS Chair	Prof Keith Martin
8:55	9:55	60	Session 1: Wound healing: the impact on glaucoma surgery	Chairs: A/Prof Paul Healey & Dr Jen Fan Gaskin Clancy's Room
8:55	9:10	15	Overview of wound healing modification	A/Prof Paul Healey
9:10	9:20	10	Antifibrosis and new strategies	Dr Jennifer Fan Gaskin
9:20	9:30	10	Angiotensin in wound healing	A/Prof Andrew White
9:30	9:40	10	Connexins, Inflammasomes and Chronic disease	Prof Colin Green (Pre-recorded video)
9:40	9:55	15	Questions and discussion	
10:00	10:30	30	Morning Tea Break	Queenstown & Wakatipu Room
10:30	12:00	90	Session 2: The neuro-vascular bundle- and role in glaucoma progression	Chairs: Prof Helen Danesh-Meyer & Prof Leonard Levin Clancy's Room
10:30	10:55	25	Keynote: Neuronal and Vascular Dysfunction in Optic Neuropathies: New Insights	Prof Adriana Di Polo
10:55	11:03	8	Questions and discussion	
11:03	11:15	12	Autophagy in glaucoma	Dr Katharina Bell
11:15	11:27	12	Stretch, Squish, and Stanch: Pathways for Axonal Degeneration in Glaucoma	Prof Leonard Levin
11:27	11:39	12	Glia and neuroinflammation in glaucoma	Prof Helen Danesh-Meyer
11:39	12:00	21	Questions and discussion	
12:00	13:00	60	Lunch Break	Queenstown & Wakatipu Room
12:45	17:30	285	Optional bike tours - Arrowtown to Gibbston Valley	Note: Bike Ride has departure of 1pm from the shop in town. Return to town at 5pm.
17:30	18:50	80	Session 3: Rapid Fire Presentations	Chairs: Dr Jesse Gale & TBC Clancy's Room
17:30	17:40	10	The impact of glaucoma on optokinetic nystagmus	Dr Joshua Oskam
17:40	17:50	10	Impact of Mean Ocular Perfusion Pressure (MOPP) on patients with Normal Tension Glaucoma (NTG) in Canterbury, New Zealand	Mr Nathan Macdonell
17:50	18:00	10	Colchicine for fibrosis control	Dr Mark Donaldson
18:00	18:10	10	Does the preservative, Benzalkonium Chloride, activate the inflammasome pathway in ocular cells?	Miss Gabriela Bantas
18:10	18:20	10	Irbesartan as a potential neuroprotective agent in the treatment of Glaucoma	A/Prof Andrew White
18:20	18:30	10	Ocular findings in a man with congenital dyserythropoietic anaemia suggest potential new treatment for optic disc drusen	Dr Yuanzhang Jiao
18:30	18:40	10	A glaucoma polygenic risk score is strongly associated with glaucomatous family history, and disease severity amongst affected siblings	Dr Georgie Hollitt
18:40	18:50	10	Intra-Ocular Pressure Change with age in Early Adult Life	Professor David A Mackey
			Free evening	

FRIDAY 17 FEBRUARY 2023 (NZST)				
Start	End	Duration	Presentation	Speaker / Location
7:45	8:15	30	Pre-congress satellite TBC	Sponsor organised session
7:30	8:30	60	Registration open	Level 5 Foyer
8:30	10:10	100	Session 4: New methods and technologies	Chairs: Prof Adriana Di Polo & Prof Keith Martin Clancy's Room
8:30	8:50	20	Off piste science: new methods to study live neurons	Dr Karl Iremonger (University of Otago)
8:50	8:55	5	Questions and discussion	
8:55	9:05	10	Targetting neurorecovery	Prof Jonathan Crowston
9:05	9:20	15	Genetic treatments in glaucoma	Prof Alex Hewitt
9:20	9:30	10	Intracranial pressure estimates and glaucoma	Prof Bill Morgan
9:30	9:45	15	Ocular biomechanics	Prof J Crawford Downs
9:45	10:10	25	Questions and discussion	
10:10	10:40	30	Morning Tea Break	Queenstown & Wakatipu Room
10:40	12:15	95	Session 5: Ganglion cell metabolism- translation from lab to clinical application	Chairs: Prof Robert Casson & Dr Katharina Bell Clancy's Room
10:40	11:00	20	Overview of retinal metabolism	Prof Robert Casson
11:00	11:20	20	Nicotinamide	Prof James Morgan
11:20	11:35	15	Mitochondrial dysfunction	Speaker TBA
11:35	11:50	15	Mitochondrial transport in the axon	Prof Adriana Di Polo
11:50	12:15	25	Questions and discussion	
12:15	13:15	60	Lunch Break	Queenstown & Wakatipu Room
13:15	16:30	195	Optional mountain walk or fun run	
17:30	18:30	60	Session 6: Rapid Fire Presentations	Chairs: Dr Ridia Lim & Prof James Morgan Clancy's Room
17:30	17:40	10	Efficacy and Safety of different Gelatin Stent Implants into varying Locations	Prof Bill Morgan
17:40	17:50	10	Lower Body Mass Index is Associated with Primary Open Angle Glaucoma in Multiple Cohorts	Dr Ella Berry
17:50	18:00	10	Ibopamine challenge testing is predictive of glaucoma progression in glaucoma suspects and early manifest glaucoma patients	Dr John Landers
18:00	18:10	10	CRISPR-Cas9 edited mice recapitulate the retinal but not glaucoma phenotypes of a TMEM98 mutation responsible for human nanophthalmos	Dr Mark Hassall
18:10	18:20	10	The ocular effects of inversion	Dr Pryce Payne
18:20	18:30	10	The effects of inversion on optic nerve stress signals	Mr Patchara Jirapanyayut
18:30	19:30	60	Networking Reception in the Exhibition and Poster Viewing Area, Rydges	Queenstown & Wakatipu Room

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SATURDAY 18 FEBRUARY 2023 (NZST)					Speaker / Location
Start	End	Duration	Presentation		
7:45	8:15	30	Pre-Congress Satellite Option	Sponsor nominated	
7:30	8:30	60	Registration open	Level 5 Foyer	
8:30	8:45	15	Opening of the Clinical Glaucoma conference	Chairs: Prof Helen Danesh-Meyer & Dr Jesse Gale Clancy's Room	
8:30	8:35	5	Acknowledgment of tangata whenua	Prof Helen Danesh-Meyer & Dr Jesse Gale	
8:35	8:40	5	Welcome from ANZGS Chair	Prof Keith Martin	
8:40	8:45	5	Sponsor Presentation		
8:45	10:15	90	Session 7: Case presentations	Chairs: Dr Stephen Best, Dr Sonya Bennett: Panellists TBA	
8:45	8:50	5	Introductions		
8:50	9:05	15	By Hook Or Crook – Dealing with Phacomorphic Glaucoma	Dr Seng Chee Loon	
9:05	9:20	15	The End is Nigh	Dr David Manning	
9:20	9:35	15	Two cases of severe POAG requiring surgery sent on different pathways	Prof Bill Morgan	
9:35	9:50	15	Collagen cross-linking for the management of XEN associated bleb leak	Dr Judy Ku	
9:50	10:05	15	Recognizing Tight Orbit Syndrome in our Glaucoma patients	Dr Anna Galanopolous	
10:05	10:15	10	Case Wrap up		
10:15	10:45	30	Morning Tea, Exhibition and Poster Viewing	Queenstown & Wakatipu Room	
10:45	12:40	115	Session 8: Clinical developments	Chairs: A/Prof Anne Brooks and Dr Sam Kain	
10:45	10:48	3	Lowe Lecture Introduction	A/Prof Anne Brooks	
10:48	11:13	25	Lowe Lecture: Closing the Health Gap: Where Do We Go From Here?	Prof Eve Higginbotham	
11:13	11:38	25	Early results of a novel designed glaucoma drainage device – VW-50	A/Prof Michael Coote	
11:38	11:48	10	Home perimetry	A/Prof Simon Skalicky	
11:48	11:58	10	Visualising aqueous outflow in vivo	Dr Jed Lusthaus	
11:58	12:10	12	Questions and discussion		
12:10	12:35	25	Clinical Controversial Topics into Medical, Laser & Surgery	Dr Judy Ku, Dr Colin Clement, A/Prof Mitchell Lawlor	
			MEDICAL – What is the best long-term management for patients with CMV associated uveitis & secondary glaucoma? Should topical steroids be avoided		
			LASER - To “ZAP” or not to “ZAP” – that is the question. Should we stop doing laser peripheral iridotomies in all Primary Angle Closure Suspects?		
			LASER - What are the roles of laser peripheral iridotomies and SLT in the management of Pigment Dispersion Syndrome & Pigmentary Glaucoma?		
			SURGERY – What is the best option after a failed Trab? Second trabeculectomy vs Tube		
12:35	12:40	5	Sponsor Presentation		
12:40	13:40	60	Lunch, Exhibition and Poster Viewing	Queenstown & Wakatipu Room	

13:40	14:40	60	ANZGS ASM	Clancy's Room
14:40	16:45	125	Optional lake cruise on Lake Wakatipu with Southern Discoveries	Cruise time 3.15pm - 4.45pm. Please arrive at the dock by 3.00pm
16:30	17:50	80	Session 9: Rapid Fire Presentations	Chairs: TBA Clancy's Room
16:30	16:40	10	Combined Ahmed valve/gonioscopy-assisted transluminal trabeculotomy: "double bypass" surgery for advanced open angle glaucoma	Dr William Trask
16:40	16:50	10	The effect of intraoperative intravitreal bevacizumab (Avastin) on surgical success of trabeculectomy at 3 years: The Avastin in Trabeculectomy Study	Dr John Landers
16:50	17:00	10	3-year outcomes of XEN® Gel Stent Implantation	Mr Leo Fan
17:00	17:10	10	Small Posterior Conjunctival Incision Limbal-based (SPCIL) Trabeculectomy – a revival of the limbal-based trabeculectomy	Dr George Kong
17:10	17:20	10	The safety and efficacy of Transscleral MicroPulse Cyclophotocoagulation (MP-CPC) performed at Canterbury District Health Board (CDHB) over a 12-month period	Dr Chantelle Venter
17:20	17:30	10	An observational comparative study of MMC injection vs sponge delivery in trabeculectomy surgery	A/Prof Mitchell Lawlor
17:30	17:40	10	Impact of glaucoma iStents on refractive outcomes following combined cataract and glaucoma surgery with toric intraocular lenses	A/Prof Tim Roberts
17:40	17:50	10	Glaucoma Incidence, Severity at First Presentation, and Risk Factors for Late Presentation in Rural Australia: The S1P Study	Mr Zayn Al-Timimi
20.00 - 23.00			Conference Dinner	Skyline Queenstown

SUNDAY 19 FEBRUARY 2023 (NZST)					
Start	End	Duration	Presentation	Speaker / Location	
7:30	8:30	60	ANZGS Committee Meeting	Committee members only Dart Room, Level 7	
7:30	8:30	60	Registration open	Level 5 Foyer	
8:30	10:20	110	Session 10: Clinical Pearls	Chairs: TBA	
8:30	8:33	3	Welcome, Gillies lecture introduction	Prof Helen Danesh-Meyer	
8:33	8:58	25	Gillies Lecture: "The ground beneath our feet: Dynamic behaviour of the eye and optic nerve"	Dr Jesse Gale	
8:58	9:13	15	The Ocular Hypertension Treatment Study: My Three Biggest Takeaways	Prof Eve Higginbotham	
9:13	9:15	2	Introduction Is Hypotony Getting You Down? - Hypotony Management Following Glaucoma Filtering Surgery	Prof Graham Lee & Dr George Kong and panel	
9:15	9:20	5	Hypotony after Xen	Dr Judy Ku	
9:20	9:25	5	Hypotony after Trabeculectomy - Early	George Kong	
9:25	9:30	5	Hypotony after Trabeculectomy - Late	Lance Liu	
9:30	9:35	5	Hypotony after Trabeculectomy - Scleral patch	Graham Lee	
9:35	9:40	5	Hypotony after Trabeculectomy - Trab/Xen	Ridia Lim	
9:40	9:45	5	Hypotony after Tube - Early	Graham Lee	
9:45	9:50	5	Hypotony after Tube - K Pro	Dr Colin Clement	
9:50	9:55	5	Revision of Preserflo	Graham Lee	
9:55	10:15	20	Questions and discussion		
10:15	10:20	5	Sponsor Presentation		
10:20	10:50	30	Morning Tea, Exhibition and Poster Viewing	Queenstown & Wakatipu Room	
10:50	12:42	112	Session 11: Clinical insights	Chairs: TBA	
10:50	11:10	20	The art of seeing (Landscape photography)	Christopher David Thomson (thepicturelounge.co.nz)	
11:10	11:20	10	Novel ab externo guide-wire technique for ciliary sulcus implantation of glaucoma drainage devices	Dr Xingdi Wang	
11:20	11:30	10	Luminal stenting with removable 10-0 Nylon during Preserflo microshunt glaucoma surgery reduces postoperative hypotony	Dr Mark Hassall	
11:30	11:40	10	Long-term Safety Profile and Subsequent Interventions following Hydrus microstent implantation: Data from the SPECTRUM MIGS Registry	A/Prof Ashish Agar	
11:40	11:50	10	Patient Experience of Eye Examination eValuation Study (PEEEVS)	Dr Siyuan Jabelle Lu	
11:50	12:00	10	A Comparison of the PAUL Glaucoma Implant and the Baerveldt Glaucoma Implant for the Treatment of Glaucoma	Dr Nathan Kerr	
12:00	12:10	10	A comparison of the XEN-45 Gel Implant, PRESERFLO MicroShunt, and trabeculectomy for the management of glaucoma	Dr Nathan Kerr	
12:10	12:40	30	Film Festival	Graham and Ridia	
12:40	12:42	2	Sponsor Presentation		
12:42	13:00	18	Conference closing	Chairs: TBA	
12:42	12:47	5	ANZGS Trainee Presentation Prize - Ivan Goldberg Scholarship	Speaker TBA	
12:47	12:52	5	Glaucoma Australia Trainee Presentation Prizes - Miss Kathleen Holmes Scholarship	Speaker TBA	
12:52	13:00	8	Congress Close	Dr Jesse Gale	
13:00	14:00	60	Lunch, Exhibition and Poster Viewing	Queenstown & Wakatipu Room	
14:00	15:00	60	Pack-out	Queenstown & Wakatipu Room	