

ANZGS CONGRESS 2023

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

QUEENSTOWN, NZ



ANZGS
Australian and New Zealand Glaucoma Society

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
7.00am			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	A/Prof Paul Healey
8:55	10:00	65	Session 1: Wound healing: the impact on glaucoma surgery	Chairs: A/Prof Paul Healey & Dr Jen Fan Gaskin Clancy's Room
8:55	9:00	5	Session introduction	
9:00	9:15	15	Overview of wound healing modification	A/Prof Paul Healey
9:15	9:25	10	Antifibrosis and new strategies	Dr Jennifer Fan Gaskin
9:25	9:35	10	Angiotensin in wound healing	A/Prof Andrew White
9:35	9:45	10	Connexins, Inflammasomes and Chronic disease	Prof Colin Green
9:45	10:00	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	11:03	33	Keynote: Neuronal and Vascular Dysfunction in Optic Neuropathies: New Insights	Prof Adriana Di Polo
11:03	11:22	19	Autophagy in glaucoma	Dr Katharina Bell
11:22	11:41	19	Stretch, Squish, and Stanch: Pathways for Axonal Degeneration in Glaucoma	Prof Leonard Levin
11:41	12:00	19	Glia and neuroinflammation in glaucoma	Prof Helen Danesh-Meyer
12:00	13:00	60	Lunch Break	Queenstown & Wakatipu Room
12:45	17:30	285	Optional bike tours - Arrowtown to Gibbston Valley	Note: Please be at the shop in town by 12.50pm. Return to town at 5pm.
17:30	18:50	80	Session 3: Rapid Fire Presentations	Chairs: Prof Bill Morgan & Dr Judy Ku 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	Irbesartan as a potential neuroprotective agent in the treatment of Glaucoma	A/Prof Andrew White
18:10	18:20	10	Ocular findings in a man with congenital dyserythropoietic anaemia suggest potential new treatment for optic disc drusen	Dr Yuanzhang Jiao
18:20	18:30	10	A glaucoma polygenic risk score is strongly associated with glaucomatous family history, and disease severity amongst affected	Dr Georgie Hollitt
18:30	18:40	10	Intra-Ocular Pressure Change with age in Early Adult Life	Professor David A Mackey
18:40	18:50	10	Does the preservative, Benzalkonium Chloride, activate the inflammasome pathway in ocular cells?	Miss Gabriela Bantas
			Free evening	

FRIDAY 17 FEBRUARY 2023 (NZST)				
Start	End	Duration	Presentation	Speaker / Location
7.00am			Registration open	Level 5 Foyer
8:30	10:09	99	Session 4: New methods and technologies	Chairs: Prof Adriana Di Polo & Prof James Morgan Clancy's Room
8:30	8:55	25	Off piste science: new methods to study live neurons	Dr Karl Iremonger
8:55	9:11	16	Targetting neurorecovery	Prof Jonathan Crowston
9:11	9:32	21	Genetic treatments in glaucoma	Prof Alex Hewitt
9:32	9:48	16	Intracranial pressure estimates and glaucoma	Prof Bill Morgan
9:48	10:09	21	Ocular biomechanics	Prof J Crawford Downs
10:09	10:40	31	Morning Tea Break	Queenstown & Wakatipu Room
10:40	12:14	94	Session 5: Ganglion cell metabolism- translation from lab to clinical application	Chairs: Prof Robert Casson & Dr Katharina Bell Clancy's Room
10:40	11:06	26	Overview of retinal metabolism	Prof Robert Casson
11:06	11:32	26	Nicotinamide	Prof James Morgan
11:32	11:53	21	Mitochondrial dysfunction	Prof Jonathan Crowston
11:53	12:14	21	Mitochondrial transport in the axon	Prof Adriana Di Polo
12:14	13:15	61	Lunch Break	Queenstown & Wakatipu Room
13:15	17:00	225	Optional mountain walk or fun run	Meet at Rydges Foyer 1.30pm - Queenstown Hill run 1.45pm - Sunshine Bay walk
17:00	17:50	50	Session 6: Rapid Fire Presentations	Chairs: Prof Keith Martin & Dr Anna Galanopolous Clancy's Room
17:00	17:10	10	Efficacy and Safety of different Gelatin Stent Implants into varying Locations	Prof Bill Morgan
17:10	17:20	10	Lower Body Mass Index is Associated with Primary Open Angle Glaucoma in Multiple Cohorts	Dr Ella Berry
17:20	17:30	10	CRISPR-Cas9 edited mice recapitulate the retinal but not glaucoma phenotypes of a TMEM98 mutation responsible for human nanophthalmos	Dr Mark Hassall
17:30	17:40	10	The ocular effects of inversion	Dr Pryce Payne
17:40	17:50	10	The effects of inversion on optic nerve stress signals	Mr Patchara Jirapanyayut
17:50	18:50	60	Networking Reception in the Exhibition and Poster Viewing Area, Rydges	Queenstown & Wakatipu Room

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SATURDAY 18 FEBRUARY 2023 (NZST)				
Start	End	Duration	Presentation	Speaker / Location
7:00am			Registration open	Level 5 Foyer
7:45	8:15	30	Satellite session sponsored by Alcon - Integrating Hydrus in My Practice. Light pastries served.	Dr Nathan Kerr Anthony Peacock, Regional Business Manager, Victoria/Tasmania for Hydrus
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	Joe Gilliam, COO, Glaukos
8:45	10:15	90	Session 7: Case presentations	Chairs: Dr Stephen Best, Dr Sonya Bennett, Dr Ridia Lim & Dr Colin Clement
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 & Dr Sam Kain
10:45	10:48	3	Low Lecture Introduction	A/Prof Anne Brooks
10:48	11:13	25	Low 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	11:54	16	Home perimetry	A/Prof Simon Skalicky
11:54	12:10	16	Visualising aqueous outflow in vivo	Dr Jed Lusthaus
12:10	12:11	1	Introduction: Clinical Controversial Topics into Medical, Laser & Surgery	Dr Judy Ku, Dr Colin Clement, A/Prof Mitchell Lawlor
12:11	12:19	8	MEDICAL – What is the best long-term management for patients with CMV associated uveitis & secondary glaucoma? Should topical steroids be avoided	Dr Judy Ku
12:19	12:27	8	LASER - To “ZAP” or not to “ZAP – that is the question. Should we stop doing laser peripheral iridotomies in all Primary Angle Closure Suspects?	Dr Colin Clement
12:27	12:35	8	SURGERY – What is the best option after a failed Trab? Second trabeculectomy vs Tube	A/Prof Mitchell Lawlor
12:35	12:40	5	Sponsor Presentation	Gian Victoria and Jonathan Spencer, Designs for Vision
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	17:15	155	Optional lake cruise on Lake Wakatipu with Southern Discoveries	Cruise time 3.15pm - 4.45pm. Please arrive at the dock by 3.00pm

17:15	18:45	90	Session 9: Rapid Fire Presentations	Chairs: Prof Eve Higginbotham & Dr Jesse Gale Clancy's Room
17:15	17:25	10	Combined Ahmed valve/gonioscopy-assisted transluminal trabeculotomy: "double bypass" surgery for advanced open angle glaucoma	Dr Andrew Crichton
17:25	17:35	10	Ibopamine challenge testing is predictive of glaucoma progression in glaucoma suspects and early manifest glaucoma patients	A/Prof John Landers
17:35	17:45	10	The effect of intraoperative intravitreal bevacizumab (Avastin) on surgical success of trabeculectomy at 3 years: The Avastin in Trabeculectomy Study	A/Prof John Landers
17:45	17:55	10	3-year outcomes of XEN® Gel Stent Implantation	Mr Leo Fan
17:55	18:05	10	Small Posterior Conjunctival Incision Limbal-based (SPCIL) Trabeculectomy – a revival of the limbal-based trabeculectomy	Dr George Kong
18:05	18:15	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
18:15	18:25	10	An observational comparative study of MMC injection vs sponge delivery in trabeculectomy surgery	A/Prof Mitchell Lawlor
18:25	18:35	10	Impact of glaucoma iStents on refractive outcomes following combined cataract and glaucoma surgery with toric intraocular lenses	A/Prof Tim Roberts
18:35	18:45	10	Glaucoma Incidence, Severity at First Presentation, and Risk Factors for Late Presentation in Rural Australia: The S1P Study	Mr Zayn Al-Timimi and Hamish Dunn
19.30 - 20.00			Gondola ride to dinner	Skyline Gondola 53 Brecon Street
20.00 - 23.00			Conference Dinner	Skyline Queenstown

SUNDAY 19 FEBRUARY 2023 (NZST)				
Start	End	Duration	Presentation	Speaker / Location
7:00am			Registration open	Level 5 Foyer
7:30	8:30	60	ANZGS Committee Meeting	Committee members only - No breakfast served Dart Room, Level 7
8:30	10:20	110	Session 10: Clinical Pearls	Chairs: A/Prof Simon Skalicky & Prof Helen Danesh-Meyer
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	Dr George Kong
9:25	9:30	5	Hypotony after Trabeculectomy - Late	Dr Lance Liu
9:30	9:35	5	Hypotony after Trabeculectomy - Scleral patch	Prof Graham Lee
9:35	9:40	5	Hypotony after DS and Tube	Dr Ridia Lim
9:40	9:45	5	Hypotony after Tube	Prof Graham Lee
9:45	9:50	5	Hypotony after Tube - K Pro	Dr Colin Clement
9:50	9:55	5	Revision of Preserflo	Prof Graham Lee
9:55	10:15	20	Questions and discussion	
10:15	10:20	5	Sponsor Presentation	Anthony Peacock, Alcon
10:20	10:50	30	Morning Tea, Exhibition and Poster Viewing	Queenstown & Wakatipu Room
10:50	12:32	102	Session 11: Clinical insights	Chairs: Prof Graham Lee & Dr Ridia Lim
10:50	11:10	20	The art of seeing (Landscape photography)	Christopher David Thompson (thepicturelounge.co.nz)
11:10	11:20	10	Luminal stenting with removable 10-0 Nylon during Preserflo microshunt glaucoma surgery reduces postoperative hypotony	Dr Mark Hassall
11:20	11:30	10	Long-term Safety Profile and Subsequent Interventions following Hydrus microstent implantation: Data from the SPECTRUM MIGS Registry	A/Prof Ashish Agar
11:30	11:40	10	Patient Experience of Eye Examination eValuation Study (PEEEVS)	Dr Jabelle (Siyuan) Lu
11:40	11:50	10	A Comparison of the PAUL Glaucoma Implant and the Baerveldt Glaucoma Implant for the Treatment of Glaucoma	Dr Nathan Kerr
11:50	12:00	10	A comparison of the XEN-45 Gel Implant, PRESERFLO MicroShunt, and trabeculectomy for the management of glaucoma	Dr Nathan Kerr
			Film Festival	Prof Graham Lee & Dr Ridia Lim
12:00	12:05	5	What to do when Preserflo does not flow	Dr George Kong
12:05	12:10	5	Thick better than thin	Dr Lance Liu
12:10	12:15	5	PEEEVS – The Musical	Dr Jabelle (Siyuan) Lu
12:15	12:20	5	Water, water everywhere...	Dr Hamish Dunn-Witherow
12:20	12:25	5	Preserflo tips: Posterior Conjunctival Incision and Intracameral Viscoelastic	A/Prof Paul Healey
12:25	12:30	5	All hands on Deck	Dr David Manning
12:30	12:32	2	Sponsor Presentation	Frances Cruickshank, Optical Accounts - Senior Territory Manager, AFT Pharmaceuticals
12:32	12:50	18	Conference closing	Chairs: Prof Graham Lee & Dr Ridia Lim
12:32	12:37	5	Glaucoma Australia Trainee Presentation Prizes - Miss Kathleen Holmes Scholarship	Richard Wylie, CEO, Glaucoma Australia
12:37	12:40	3	ANZGS Trainee Presentation Prize - Ivan Goldberg Scholarship	Prof Keith Martin

12:40	12:42	2	ANZGS Film Festival Prize	Prof Keith Martin
12:40	12:48	8	Congress Close	Dr Jesse Gale
12:48	13:58	70	Lunch, Exhibition and Poster Viewing	Queenstown & Wakatipu Room
13:58	15:00	60	Pack-out	Queenstown & Wakatipu Room