



GLAUCOMA 2020

*33rd ANNUAL REGISTRARS' CONFERENCE
& TEACHING COURSE*

*Incorporating the 1st Australian
Ocular Imaging Course*

7 - 11 January 2018 | University of Sydney Business School
Level 17, 133 Castlereagh Street
Sydney

CLAFFY LECTURE: FRIDAY, 9:00am

'Gene Therapy for Glaucoma'

Professor Keith Martin

MA BM BCh DM MRCP FRCOphth FRANZCO ALCM

Ringland Anderson Chair of Ophthalmology, University of Melbourne,
President of the World Glaucoma Association and Managing Director
of the Centre for Eye Research Australia (CERA)



Professor Keith Martin is Managing Director of the Centre for Eye Research Australia and Ringland Anderson Professor and Head of Ophthalmology at the University of Melbourne. Until January 2019, he was Head of Ophthalmology at the University of Cambridge, Deputy Director of the University's John van Geest Centre for Brain Repair and an Affiliate Principal Investigator at the Wellcome Trust - MRC Cambridge Stem Cell Institute. He was also Academic Lead for Ophthalmology and Lead Clinician for Glaucoma at the Cambridge University Hospitals NHS Foundation Trust. He graduated from the University of Cambridge with a 'Triple First' in Medical Sciences and Neuroscience before completing clinical Training at Oxford University Clinical School, Ophthalmology Residency in Cambridge and Clinical and Research Fellowships in Glaucoma at Moorfields Eye Hospital in London and the Wilmer Eye Institute in Baltimore.

Professor Martin is working to develop new treatments for eye disease using stem cells, gene therapy and other techniques. In 2010, Professor Martin won the ARVO Foundation for Eye Research Translational Research Award, an international prize to a researcher from any country under the age of 50 years whose research is judged to have the potential to lead to major breakthroughs in the treatment of eye disease. He was also a winner of the World Glaucoma Association Senior Clinician Scientist Award in 2011 and was awarded the Duke Elder Medal by the Royal College of Ophthalmologists in 2017.

He is co-founder of Quethera, a Cambridge-based gene therapy company which has developed a gene therapy for glaucoma that is currently progressing towards human clinical trials. His other current main research interest is in the potential for regeneration and repair of nerve damage in the eye and brain.

Clinically, Professor Martin specialises in the medical and surgical management of complex glaucoma. He is currently President of the World Glaucoma Association, the largest glaucoma organisation in the world.

BILLSON LECTURE: THURSDAY, 9:00am

‘Meeting current and future challenges in glaucoma service delivery’

Associate Professor Nick Strouthidis

MBBS MD PhD FRCS FRCOphth FRANZCO

Consultant Ophthalmologist and Medical Director, Moorfields Eye Hospital NHS Foundation Trust, Associate Professor, Discipline of Clinical Ophthalmology and Eye Health, University of Sydney, Sydney, NSW

Professor Nick Strouthidis is a glaucoma specialist at Moorfields Eye Hospital in London, and a clinician scientist at the National Institute of Health Research Biomedical Research Centre based at Moorfields and the UCL Institute of Ophthalmology. He has been the Medical Director of Moorfields Eye Hospital NHS Foundation Trust since 2018.



His ophthalmology residency training was at Moorfields Eye Hospital. He completed a research fellowship under the supervision of Prof Ted Garway-Heath culminating in the award of a research MD from UCL for a thesis entitled 'Monitoring of Progression in Glaucoma'. He subsequently worked with Prof Claude Burgoyne at the Optic Nerve Head Research Laboratory at Devers Eye Institute, Portland, Oregon where he investigated optic nerve imaging in a monkey model of glaucoma. This work led to the award of a PhD from UCL. He returned to the UK to complete a two-year glaucoma fellowship at Moorfields, prior to being appointed to the glaucoma faculty as a substantive consultant.

He has research interests in optic nerve head imaging and biomechanics, and an interest in the management of glaucoma in complex corneal disease, particularly following keratoprosthesis surgery.

SAVE SIGHT LECTURE: THURSDAY, 4:00pm

‘Certainty’

Professor Ivan Goldberg

AM, MB, BS (Syd), FRANZCO, FRACS

Clinical Professor of Ophthalmology, University of Sydney, part of the Glaucoma Unit, Sydney Eye Hospital, Director of Eye Associates and Life Governor of Glaucoma Australia.

Professor Ivan Goldberg is Foundation and Past President of the Asia Pacific Glaucoma Society, Past President of Glaucoma Australia, of the World Glaucoma Association, of the Australian and New Zealand Glaucoma Society, and of the Royal Australian and New Zealand College of Ophthalmologists. He chaired both first and second editions of the Asia Pacific Glaucoma Guidelines.



His efforts have been recognised by the Order of Australia Award, as International Scholar of the American Glaucoma Society and the Glaucoma Foundation of New York's Robert Ritch Award for Excellence and Innovation in Glaucoma, the International Award of the University of Sao Paulo, the Bartisch Medal of the University of Dresden and honorary memberships of both the Philippine and South African Glaucoma Societies. He has been a Visiting Professor in many countries, including the Philippines, Israel, India, the USA, Germany, Britain, New Zealand and Brazil as well as all Australian States.

Professor Goldberg trained with Fred Hollows, University of New South Wales and then Bernard Becker and Michael Kass, Washington School of Medicine, St Louis, Missouri. He works, teaches and researches clinically and mentors younger colleagues. His interests are in patient-centred care, including adherence and enhanced drug delivery.

TUESDAY 7 JANUARY

OSCE – Sydney Eye Hospital Outpatients Department

1400 – 1700

Sydney Eye Hospital Outpatient Department

WEDNESDAY 8 JANUARY

Diagnostic Glaucoma Imaging

0800 – 0845

Registration

0845 – 0900

Welcome and Opening Remarks

Prof Peter McCluskey

0900 – 0915

Humphrey Visual Field Foundations

Dr Colin Clement

0915 – 0930

Threshold Testing Algorithms – ‘faster and faster’

Dr Colin Clement

0930 – 0950

Top Ten Tips for Using OCT in Glaucoma

A/Prof Nicholas Strouthidis

0950 – 1010

RNFL Analysis (Heidelberg/Zeiss)

Dr Colin Clement

1010 – 1030

Optic Nerve Head Biomechanics

A/Prof Nicholas Strouthidis

1030 - 1100

MORNING TEA

1100 – 1115

Anterior Segment OCT

Dr Anne Lee

1115 – 1130

Ultrasound Biomicroscopy

Prof John Grigg

1130 – 1145

Corneal Pachymetry

Dr Yves Kerdraon

1145 – 1200

The Eyes as a Window on Dementia

A/Prof Nicholas Stouthidis

1200 – 1215

Electrodiagnostic Tests and Glaucoma

A/Prof Hema Arvind

1215 – 1230

Discussion and Questions

1230 – 1330

LUNCH

Application of Ophthalmic Imaging

1330 – 1400

OCT & OCTA

Dr Alessandro Invernizzi

1400 - 1430

FFA & ICG

A/Prof Alex Hunyor



Application of Ophthalmic Imaging

1430 – 1500	B Scan	A/Prof Adrian Fung
1500 – 1530	Corneal – Pentacam/AS-OCT/Confocal/Slit-lamp Photos	Stephanie Watson
1530 – 1600	Travel to Sydney Eye Hospital Outpatients Department	

Concurrent Sessions

1600 – 1730	Angiography – OCTA/Heidelberg ICG/FFA	Dr Alessandro Invernizzi
	Fundus Photography	
	B-Scan – Adrian	A/Prof Adrian Fung
	UBM	Dr Tanya Karaconji
	Anterior Segment OCT & Zeiss OCT	Dr Anne Lee
	Pentacam and Anterior Segment Photo	Dr Yves Kerdraon

Primary Open Angle Glaucoma

0800 – 0855	Registration	
0855 – 0900	Welcome and Opening Remarks	Prof John Grigg
0900 – 0930	The Billson Lecture: 'Meeting current and future challenges in glaucoma service delivery'	A/Prof Nick Strouthidis
0930 – 0950	Glaucoma Service Delivery – local approaches	Dr Tanya Karaconji
0950 – 1010	What's new in POAG medical management?	Dr Jed Lusthaus
1010 – 1030	Surgical Management of POAG	A/Prof Nicholas Strouthidis
1030 – 1100	MORNING TEA	
1100 – 1115	Laser in POAG – avoiding dreadful drops	Dr Jed Lusthaus
1115 – 1145	MIGS	A/Prof Mitchell Lawlor
1145 – 1200	Normal Tension Glaucoma	Prof Keith Martin

Secondary Glaucomas

Case Presentations and Discussion		Moderator: Prof Ivan Goldberg Panel: A/Prof Mitchell Lawlor, Dr Tanya Karaconji
1200 – 1215	Uveitic Glaucoma	Prof Keith Martin
1215 – 1230	Paediatric Glaucoma	Dr Tanya Karaconji
1230 – 1245	Neovascular Glaucoma	Dr Sophia Zagora
1245 – 1300	Aqueous Misdirection	Dr Noor Ali
1300 – 1400	LUNCH	
1400 – 1415	Pigment Dispersion Syndrome	Dr Hamish Dunn
1415 – 1430	Post-corneal Surgery Glaucoma	A/Prof Paul Healey
1430 – 1445	Irido-corneal Endothelial Syndrome	Dr David Weschler
1445 – 1500	Post-vitreoretinal Surgery Glaucoma	A/Prof Paul Healey
1500 – 1515	Plateau Iris	Dr Hamish Dunn



THURSDAY 9 JANUARY

1515 – 1530	Gonioscopy	Prof Keith Martin
1530 – 1600	The Save Sight Lecture: 'Certainty'	Prof Ivan Goldberg
1600 – 1630	'Glaucoma – what's on the horizon?'	Prof Keith Martin
1630	CONFERENCE SOCIAL	

DRAFT PROGRAM – SUBJECT TO CHANGE

Glaucoma Lectures

0800 – 0855	Registration	
085 – 0900	Welcome and Opening Remarks	Prof John Grigg (Moderator)
0900 – 0930	Claffy Lecture: ‘Gene Therapy for Glaucoma’	Prof Keith Martin
0930 – 0945	Primary Angle Closure Glaucoma	Prof Keith Martin
0945 – 1000	Post-operative Trabeculectomy Bleb Management	Prof John Grigg
1000 – 1015	Tube Techniques	A/Prof Mitchell Lawlor
1015 – 1030	Post-operative Hypotony Management	Dr Jason Cheng
1030 – 1045	Discussion	
1045 – 1110	MORNING TEA	

Cases

1110 – 1120	‘Intraoperative aqueous misdirection’	Dr Ryan Nugent
1120 – 1130	‘High IOP after cataract surgery’	Dr Jessica Tong
1130 – 1140	‘What to do with a thin, avascular bleb?’	Dr Linda Zheng
1140 – 1150	‘Lens extraction versus standard care’	Dr Luke Northey
1150 – 1230	Round Table Discussion: ‘Primary trabeculectomy versus tube’	Moderator: Prof Keith Martin Panel: A/Prof Mitchell Lawlor and Dr Anne Lee
1230 – 1330	LUNCH	

Imaging Cases – Interactive case-based session targeting RACE candidates (all welcome to attend)

1330 – 1630	Case Presentations with RACE Candidate Discussion	Moderators: A/Prof Adrian Fung and Dr David Weschler Panel: Dr Alessandro Invernizzi and Dr Noor Ali
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OSCE WESTMEAD HOSPITAL

0900 – 1200	OSCE
1200 - 1230	Lunch and Feedback

VALUED SUPPORTERS



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