



Irish College of Ophthalmologists
Eye Doctors of Ireland » *Protecting your Vision*



Eye Care in Focus
CONFERENCE 2022

4 October, 2022
The Gibson Hotel, Dublin

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PROGRAMME

Chair: Professor Colm O'Brien

Consultant Ophthalmic Surgeon, Mater Misericordiae University Hospital, Dublin
Professor of Ophthalmology, University College Dublin

9.30am Clinical Education Session 1: PERIMETRY

'Basics of Perimetry and Interpretation of Test Outcomes'

DR TONY REDMOND

Reader in Vision Science, School of Optometry and Vision Sciences, Cardiff University, Wales.

'Visual Field Defects in Glaucoma and Neurology'

MS EMILY HUGHES

Consultant Ophthalmic Surgeon, Galway University Hospital.

'How Does Glaucoma Look and Feel?'

PROFESSOR DAVID CRABB

Optometry and Visual Sciences, School of Health Sciences, City University of London.

11.00am Refreshments

11.30am Clinical Education Session 2: RETINOPATHY OF PREMATURITY

'Prematurity and ROP: The New Challenges'

PROFESSOR JOHN MURPHY

Consultant Neonatologist, National Maternity Hospital, Holles Street and Children's Health Ireland at Temple Street. National Clinical Lead for Neonatology.

'Pathogenesis and Clinical Features of ROP'

MR JOHN STOKES

Consultant Ophthalmic Surgeon, University Hospital Waterford.

'Screening and Treatment in ROP'

MS CLAIRE HARTNETT

Consultant Ophthalmic Surgeon, Children's Health Ireland at Temple Street and Bon Secours Hospital, Dublin.

'Northern Ireland Experience in ROP Screening and Management'

MS EIBHLIN McLOONE

Consultant Ophthalmologist, Royal Victoria Hospital, Belfast HSC Trust, Northern Ireland.

1.00pm Lunch

2.00pm Clinical Education Session 3: KERATOCONUS

'Keratoconus: A General Overview'

DR MARCHIEN DALLINGA

Corneal Fellow, Royal Victoria Eye and Ear Hospital, Dublin.

'Contact Lens Management of Keratoconus'

MR CIAN GUILDEA

Contact Lens Specialist, Royal Victoria Eye and Ear Hospital, Dublin.

'Delivering an Effective Corneal Crosslinking Service for Keratoconus'

MS DIANA MALATA

Advanced Nurse Practitioner, Royal Victoria Eye and Ear Hospital, Dublin.

'Optimising Keratoplasty Outcomes in Keratoconus'

PROFESSOR CONOR MURPHY

Professor of Ophthalmology, Royal Victoria Eye and Ear Hospital, Dublin.

3.30pm Comfort Break

3.40pm Keynote Talk: "Learnings from Covid-19"

DR COLM HENRY

Chief Clinical Officer, Health Service Executive.

4.30pm Meeting Close

*CME Accredited - 6 CPD Points



Professor Colm O'Brien

Meeting Chair:

Professor Colm O'Brien

*Consultant Ophthalmic Surgeon, Mater Misericordiae University Hospital, Dublin
Professor of Ophthalmology, University College Dublin*

Professor O'Brien is a glaucoma specialist and a clinician scientist with a long track record of translational research in glaucoma and a keen interest in mentoring trainee clinicians and scientists. The current interests of his research group include the cellular mechanisms that underlie the fibrotic pathological changes in the optic nerve and trabecular meshwork, including genetic and epigenetic alterations.

The research also explores new therapeutic interventions including nutritional supplementation to improve visual function in glaucoma. He has also published on quality of life issues, ocular blood flow and trend analysis of visual field progression in glaucoma. He has published 173 peer-reviewed publications, has a h-index 44 (ResearchGate), and has supervised 42 higher degrees to completion (PhD, MSc, MD).

Clinical Education Session 1: PERIMETRY



Professor David Crabb

Professor David Crabb

Professor of Statistics and Vision Research at City, University of London

David Crabb is Professor of Statistics and Vision Research at City, University of London. David gained degrees in Mathematics and Statistics at Oxford and Sheffield before a PhD in Visual Science in 1996. Following a post-doctoral position at University College London and a lectureship in Nottingham, he took up his position in the department of Optometry at City in 2005 and was made professor in 2010.

Professor Crabb's research laboratory (Crabb Lab) contains a lively mixture of young vision scientists, ophthalmologists, optometrists, psychologists, mathematicians and computer scientists focusing on measurement of vision using visual fields, imaging, electrophysiology and eye movements. One of the main themes of Professor Crabb's work is relating the different stages in the process of chronic eye disease to patient's everyday life. Other themes include ocular imaging and image processing, design of new tests for visual disorders and using 'big data' from eye clinics to assess health service delivery of age-related eye disease. In recent years the Crabb lab has established an international reputation for excellence in clinical research, especially in glaucoma and age-related eye disease. Twitter: @crabblab



Dr Tony Redmond

Dr Tony Redmond

Reader in Vision Science, School of Optometry and Vision Sciences, Cardiff University, Wales.

Dr Tony Redmond is Reader in Vision Science at the School of Optometry and Vision Sciences, Cardiff University, Wales. His main research interests are in basic and clinical psychophysics. He leads a multi-disciplinary research lab in Cardiff, and his research is mainly aimed at gaining a better understanding of the functional architecture of the healthy visual system and how it is altered in neurodegenerative disorders such as glaucoma and macular degeneration. To address these aims, the lab uses a combination of psychophysics, electrophysiology, retinal imaging, and fMRI. This understanding is also used to inform the design of accurate and precise clinical tools for identifying the earliest deficits of visual perception in these disorders. He is Principal Investigator on the REVAMP study, a large MRC-funded UK-wide translational programme of research into improved perimetry methods for detection and monitoring of glaucoma based on evidence from basic and clinical psychophysics research (www.revamp-vision.com) Twitter: @tony_redmond



Ms Emily Hughes

Ms Emily Hughes

Consultant Ophthalmic Surgeon, Galway University Hospital.

Ms. Emily Hughes is a Consultant Ophthalmic Surgeon, sub-specialising in glaucoma. She graduated from medicine with First Class Honours from National University of Ireland, Galway in 2010. After an internship in the Mater Misericordiae University Hospital Dublin, she proceeded to complete a 2 year Degree of Doctor of Medicine (MD) investigating the role of the Retinal Pigment Epithelium in Optic Disc Cupping in Glaucoma in University College Dublin. Following completion of her ophthalmic surgery specialty training in Ireland in 2020, she pursued an American Glaucoma Society accredited fellowship in the surgical management of adult glaucoma in University of Pittsburgh Medical Center, Pittsburgh, USA. She is currently working as a consultant in University Hospital Galway. Her other passions are the Irish language, acrylic painting and cooking.

Clinical Education Session 2: RETINOPATHY OF PREMATURITY



Professor John Murphy

Professor John Murphy

Consultant Neonatologist, National Maternity Hospital, Dublin, and Children's Health Ireland at Temple Street. National Clinical Lead for Neonatology.

Professor John Murphy is a Consultant Neonatologist at the National Maternity Hospital, Holles Street and the Children's Hospital Temple Street. He is an Associate Professor of Paediatrics at the Royal College of Surgeons in Ireland and the National Clinical Lead in Neonatology. He is the editor of the Irish Medical Journal and a national specialist trainer in paediatrics, Royal College of Physicians of Ireland.



Mr John Stokes

Mr John Stokes

Consultant Ophthalmic Surgeon, University Hospital Waterford.

Mr. John D. Stokes graduated from University College Dublin and underwent post graduate training in Ophthalmic Surgery in Edinburgh. He gained a Doctorate in Medicine (MD) for his research thesis on the "Role of Glucocorticoids in Primary Open Angle Glaucoma" (University of Edinburgh & University College Dublin). He completed a Fellowship in Paediatric Ophthalmology & Strabismus in Vancouver Canada.

Mr. Stokes has worked as a Consultant Ophthalmic Surgeon and Clinical Lead in the U.K. (Nottingham University Hospitals NHS Trust, Queens Medical Centre Campus) until 2009. In 2009, Mr. Stokes took up a position as Consultant Ophthalmic Surgeon at University Hospital Waterford. His special interests include Paediatric Ophthalmology, Adult Strabismus, Uveitis, Cataract surgery and Glaucoma surgery.



Ms Claire Harnett

Ms Claire Harnett

Consultant Ophthalmic Surgeon, Children's Health Ireland at Temple Street and Bon Secours Hospital, Dublin.

Ms. Claire Harnett is a Consultant Ophthalmic Surgeon and completed her Ophthalmic Surgery Higher Surgical Training in Ireland in 2017. She undertook her fellowship training in Paediatric and Adult Ophthalmic Surgery in Great Ormond Street Hospital and The Royal Hospital, London.

In February 2019, she commenced her role as Consultant Ophthalmic Surgeon in Temple Street Children's University Hospital, Dublin and in June 2019 her private practice in the Bon Secours Hospital Dublin.



Ms Eibhlin McLoone

Ms Eibhlin McLoone

Consultant Ophthalmologist, Royal Victoria Hospital, Belfast HSC Trust, Northern Ireland.

A Consultant Paediatric Ophthalmic Surgeon at the Royal Victoria Hospital, Belfast since 2005, Ms Eibhlin McLoone is the Lead Clinician for the Paediatric Ophthalmology Network Northern Ireland. She is also an Honorary Lecturer with Queen's University Belfast.

As well as being Chair of the Northern Ireland Retinopathy of Prematurity (ROP) steering group, Ms McLoone is a member of the UK ROP Special Interest Group, UK Paediatric Glaucoma Society and the British Isles Congenital Cataract Interest Group.

Clinical Education Session 3: KERATOCONUS



Professor Conor Murphy

Professor Conor Murphy

Chair and Professor of Ophthalmology, RCSI University of Medicine and Health Sciences; Consultant Ophthalmic Surgeon, Royal Victoria Eye and Ear Hospital, Dublin.

Professor Conor Murphy is the Chair and Professor of Ophthalmology at the RCSI University of Medicine and Health Sciences and a Consultant Ophthalmic Surgeon at the Royal Victoria Eye and Ear Hospital in Dublin. He received his medical degree from University College Dublin in 1996 and this was followed by an MMedSc degree in Physiology (1998) and a PhD in Ocular Immunology (2005) from the same institution. He undertook his clinical training in Dublin, Bristol, Liverpool and Perth, returning to Ireland to take up his current role in 2009.

Professor Murphy specialises in disorders of the cornea and ocular surface, uveitis and corneal transplant surgery. He heads the Ocular Immunology Research Group at RCSI, which focuses on research into ocular surface inflammation, corneal transplantation and uveitis.

He has published 85 articles in the peer-reviewed literature including in Ocular Surface, Ophthalmology, JAMA Ophthalmology, Scientific Reports and the British Journal of Ophthalmology and has received research funding of over €1,000,000 from the European Commission, Health Research Board, the Irish College of Ophthalmologists/Novartis Research Bursary, the Royal Victoria

Eye and Ear Hospital Research Foundation and the National Eye Research Centre (UK).

In his role as the postgraduate Professor of Ophthalmology in Ireland, he is the Chief Examiner of the professional Membership and Fellowship examinations in ophthalmology of the Royal College of Surgeons in Ireland.

Dr Marchien Dallinga

Corneal Fellow, Royal Victoria Eye and Ear Hospital, Dublin.

Dr Marchien Dallinga was born in the Netherlands. After completion of her medical degree at the Rijksuniversiteit Groningen, she spent time at the University of California, Los Angeles as part of her research training. She went on to pursue a career in ophthalmology, which first led her to the University of Amsterdam and University College London for a PhD on endothelial subtypes in angiogenesis. She then started her clinical training at the Amsterdam University Medical Centers, which she completed in 2022.

Marchien joined the Royal Victoria Eye and Ear Hospital in July 2022 to commence a clinical fellowship on cornea and uveitis.



Cian Gildea

Cian Gildea

Clinical Optometrist and Contact lens specialist.

Cian Gildea graduated from Dublin Institute of Technology in 2014 with a Bachelor of Science in Optometry.

During his degree, he spent his clinical placement in the University of Houston College of Optometry.

Cian is a Fellow of the Association of Optometrists Ireland (FAOI), the International Association of Contact Lens Educators (FIACLE) and faculty for European school of Scleral lens education.



Diana Malata

Diana Malata

Advanced Nurse Practitioner in the Eye and Ear Hospital in Dublin.

Diana Malata completed her Bachelor of Nursing degree in the Philippines. Following this, she specialised in Ophthalmic Surgery and worked as an Operating Theatre Nurse in Saudi Arabia and Egypt. She qualified as an RGN in Ireland in 2004 and joined the Royal Victoria Eye and Ear Hospital as a Staff Nurse in the Eye Operating Theatre. She went on to complete a Higher Diploma in Ophthalmic Nursing in the Royal College of Surgeons in Ireland (RCSI) in 2007. In 2016, she completed her MSc Nursing in RCSI and registered as a nurse prescriber in 2017. She worked as Clinical Research Nurse in the RCSI Department of Ophthalmology, and as a Corneal Nurse Specialist in the Eye and Ear Hospital from November 2014 to November 2018.

Diana is currently an Advanced Nurse Practitioner in the Eye and Ear Hospital in Dublin. She played a lead role in setting up of nurse-led anterior segment clinics there. She was a recipient of the JC Coleman Research award in 2018 for her work in setting up Ireland's first Nurse-led Corneal Crosslinking Service. She was awarded the RCSI Fellowship of the Faculty of Nursing and Midwifery (FFNMRCIS) by examination in 2021.



Keynote Guest Speaker

Dr Colm Henry

Chief Clinical Officer, Health Service Executive, Ireland

Dr Colm Henry was appointed as Chief Clinical Officer of the HSE in April 2018. He previously served as the National Clinical Advisor and Group Lead for Acute Hospitals from 2014 – 2018, National Lead for the Clinical Director Programme from 2012 to 2014 and Clinical Director of the Mercy University Hospital Cork from 2009 to 2012. Following medical qualification, he underwent training initially in Ireland and completed higher specialty training in Scotland. He returned to Ireland following his appointment to the Mercy University Hospital as Consultant Geriatrician in 2002.

As the HSE's first Chief Clinical Officer, he is responsible for aligning clinical expertise and leadership across the healthcare system from service and policy design to planning and implementation. A core function of the post is the design and implementation of clinical models of care to respond to and meet the challenges of healthcare in the 21st century. His office also is responsible for setting quality and patient safety standards across the health system and ensuring these are met. He is accountable for a number of key national services such as the National Cancer Control Programme and National Screening Service as well as Public Health reform. Dr Henry has led the clinical response within the HSE to the COVID-19 Pandemic since the first case emerged in February 2019, providing clinical leadership to the HSE Vaccine programme and its rollout to the Irish population.

He attended University College Dublin where he obtained his MB BCH BAO in 1988, and the National University of Ireland, Galway, where he received a Bachelor's of Arts degree in the Irish language 2017.

Dr Henry is originally from Cavan Town and now lives in Cork with his family.

IRISH COLLEGE OF OPHTHALMOLOGISTS

About the ICO

The Irish College of Ophthalmologists (ICO) is the recognised training and professional body for medical and surgical eye doctors in Ireland.

The ICO is a registered Irish charity. We are committed to the advancement and improvement of eye health and patient safety and work to protect, enhance and promote the highest standards in the delivery of eye care.

The delivery of healthcare requires a lifelong commitment to learning and the ICO's goal is to provide and support education and learning for ophthalmologists in training, in practice and those who work alongside them as they deliver care to patients.



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