Royal College of Ophthalmologists Annual Congress 2018
Programme – Tuesday 22 May 2018

08.00 – 09.00  Parallel sessions

Masterclass in Gonioscopy (Hall 11)
Chaired by Miss Fiona Spencer, Manchester Royal Eye Hospital
Overall learning objective: to help the participant approach gonioscopy in a systematic way, with a good technique, being able to record and identify their findings, with illustrative examples.

08.00 – 08.20  What is gonioscopy
Miss Sancy Low, St Thomas’ Hospital
Learning objectives: to acquire knowledge of gonioscopy lenses available; the structures of the angle seen, the grading systems used and identifying structures, and introducing ability to note pigmentation and peripheral anterior synechiae (PAS).

08.20 – 08.40  How to perform gonioscopy
Miss Cecilia Fenerty, Manchester Royal Eye Hospital
Learning objectives: to be able to assess anterior chamber depth by Van Herick and Redmond Smith methods. How to approach the patient with different lenses and techniques, including dynamic process of indentation, in light and dark and how to record findings.

08.40 – 09.00  Gonioscopy findings
Miss Fiona Spencer Manchester Royal Eye Hospital
Learning objectives: to consider these skills in example cases such as primary angle closure, pseudoexfoliation syndrome etc.

Mid career motivation (Hall 4)
Chaired by Miss Melanie Corbett, Chair, Education Committee, RCOphth

08.00 – 08.05  Introduction
Miss Melanie Corbett
08.05 – 08.25  View from the peak  
Professor Stephen Vernon, RCOphth Vice President and Mr Simon Keightley, The Hampshire Clinic

08.25 – 08.40  Variety is the Spice of Life  
Miss Melanie Corbett

08.40 – 08.55  Phone a friend  
Mrs Sally Webber, Royal United Hospital, Bath

08.55 – 09.00  Discussion

Driving standards: Assessment in Cases of Visual Field Defects (Hall 3A)  
Chaired by Mr William Newman, Consultant Paediatric Ophthalmologist, Medical Director, Manchester Royal Eye Hospital, and Vision Panel Member, DVLA

08.00 – 08.10  Introduction  
Mr William Newman

08.10 – 08.30  Interpreting the Binocular esterman visual field for DVLA purposes  
Mr Thomas Eke, Consultant Ophthalmologist, and Vision Panel Member, DVLA

08.30 – 08.50  The Driving Assessment Service  
Ms Deborah Murgatroyd, Occupational Therapist, North West Driving Assessment Service, Bridgewater Community Healthcare NHS Trust

08.50 – 09.00  Questions and discussion

VISION 2020 LINKS Programme – Tackling diabetic retinopathy in challenging contexts (Hall 3B)  
Chaired by Mr Nick Astbury, International Centre for Eye Health & Ms Marcia Zondervan, International Centre for Eye Health.  
The VISION 2020 LINKS breakfast meeting will cover aspects of the Diabetic Retinopathy Network (DR-NET) in Africa and the Caribbean, from screening to treatment, highlighting some challenges and solutions in different geographical locations.

08.00 – 08.05  Welcome  
Mr Nick Astbury and Ms Marcia Zondervan

08.05 – 08.15  Diabetic Retinopathy in Malawi  
Dr Moira Gandiwa, University of Malawi / Lions Sight First Eye Hospital Blantyre and Nick Beare, Liverpool University Hospital

08.15 – 08.25  Screening and grading in Jamaica  
Dr Lizette Mowatt, University Hospital of the West Indies, Miss Dawn Sim, Moorfields Eye Hospital and Miss Pippa Williams, International Centre for Eye Health
08.25 – 08.35  Setting up in St Lucia
Dr Darra Burt, St Lucia Ministry of Health and Wellness and
Dr Sharon Belmar-George, St Lucia Ministry of Health and Wellness

08.35 – 08.50  Rebuilding in Dominica
Dr Hazel Shillingford-Ricketts, Dominica Ministry of Health and Environment and Dr Cova Bascaran, International Centre for Eye Health

08.50 – 09.00  Discussion

09.00 – 17.00  Ophthalmology multidisciplinary team day (Hall 1B)
Chaired by Mrs Melanie Hingorani, Moorfields Eye Hospital & Professor Janet Marsden, Manchester Metropolitan University (see end of document for programme)

09.05 – 10.05  Bowman Lecture –Ruminations on age-related macular degeneration: a journey of distractions (Hall 1A & C)
Professor Usha Chakravarthy, Queen’s University Belfast

10.05 – 10.30  AGM (Hall 1A & C)

10.30 – 11.00  Coffee and posters (Hall 2)

11.00 – 13.00  Parallel sessions

Emergency ophthalmology (Hall 11)
Chaired by Miss Seema Verma, Chief Medical Officer, Optegra Eye Health
Emergency patients tend to be seen by the most junior doctors out of hours and sometimes even during working hours. All ophthalmologists who are involved in the care of such patients should attend this session as it will cover what needs to be done in the acute setting. The aim of the session is to arm clinicians with a practical approach to these patients in a busy and pressured department to ensure that they do not miss sight threatening or life threatening conditions. It is also a good session for clinicians who do not regularly see patients with acute ocular problems but are on call for emergencies. It will bring them up to date in the latest investigations and clinical approach.

11.00 – 11.05  Welcome
Miss Seema Verma

11.05 – 11.30  Management of Corneal Emergencies in A&E
Mr Stephen Tuft, Consultant Ophthalmologist, Moorfields Eye Hospital
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<tr>
<td>11.30 – 11.55</td>
<td><strong>Management of Paediatric Emergency in A&amp;E</strong></td>
<td>Miss Rachel Pilling, Consultant Ophthalmologist, Bradford Royal Infirmary</td>
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<td>11.55 – 12.30</td>
<td><strong>Management of Neurological Emergencies in A&amp;E</strong></td>
<td>Miss Susan Mollan, Consultant Ophthalmologist, Queen Elizabeth Hospital, Birmingham</td>
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<td>12.30 – 12.45</td>
<td><strong>Management of Medical Retinal Emergencies in A&amp;E</strong></td>
<td>Professor Susan Lightman, Consultant Ophthalmologist, Moorfields Eye Hospital</td>
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<td>12.45 – 13.00</td>
<td><strong>Case presentation and discussion</strong></td>
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**Dilemmas in cataract surgery – sponsored and organised by the European Society of Cataract and Refractive Surgeons (Hall 3A)**

Chaired by Professor David Spalton and Professor Beatrice Cochener, President, ESCRS. This symposium is in partnership with the European Society for Cataract and Refractive Surgeons. Each member of the panel will present cases where there is a problem over management to discuss. They can be either pre or post op problems. The cases should be fairly ‘routine’ management problems. The idea is not to show exotica or surgical virtuosity. The panel haven’t seen the cases prior to presentation, they discuss how they would handle the problem with comments from the audience and then move on to the next case.

**The Panel**

- **Roberto Bellucci**
  President of the Italian Cataract and Refractive Society

- **Larry Benjamin**
  Stoke Mandeville Hospital, UK

- **Beatrice Cochener**
  University Morvan Hospital Brest, France

- **Boris Malyugin**
  S. Fyodorov Eye Microsurgery Complex State Institution, Russia

- **Rudy Nuijts**
  University Eye Clinic Maastricht, Netherlands

- **Paul Rosen**
  Oxford Eye Hospital, UK

- **David Spalton**
  St Thomas’s Hospital, London

**Improving outcomes in corneal transplantation (Hall 12)**

Chaired by Mr Frank Larkin, Moorfields Eye Hospital, London. Once a decision has been made to proceed with corneal transplantation, what can be done to optimise the outcome for the patient? This session will spotlight four aspects of corneal transplantation.
transplantation in which best practice can make a significant difference. (i) Management of endothelial keratoplasty donor cornea pre-op and intraoperatively, (ii) management of complications in the earliest postoperative days, (iii) improving outcomes in HSV keratitis including antiviral prophylaxis and (iv) how to treat the patient with a clear functioning graft but bad visual acuity.

11.00 -11.05  Introduction
Frank Larkin

11.05 – 11.30  Optimising donor corneal preparation and endothelial keratoplasty technique.
Madhavan Rajan, Addenbrooke's Hospital, Cambridge

11.30 – 12.00  Recognition and management of early post-transplant complications.
Frank Larkin

12.00 – 12.30  Improving outcomes in transplants for HSV keratitis.
Lies Remeijer, Rotterdam Eye Hospital

12.30 – 13.00  Managing post-transplant refractive error.
Bruce Allan, Moorfields Eye

Assessing a patient with strabismus – a structured approach (Hall 3B)
Chaired by Mr Saurabh Jain, Royal Free London NHS Foundation Trust
This session aims to demystify the diagnosis and management of strabismus for the generalist. A panel of strabismus experts will offer practical guidance in how to examine, investigate and treat these patients. The session will include case presentations, ocular motility and surgical videos and a virtual clinic to encourage audience participation.

11.00 – 11.15  Assessing a patient with strabismus - A structured approach
Mr Saurabh Jain

11.15 – 11.30  Stuck in the middle with you: how to manage esotropias
Miss Anna Maino, Manchester Royal Eye Hospital

11.30 – 11.45  Exotropia in adults and children: What’s the difference?
Mr Robert Taylor, York Hospital

11.45 – 12.00  Neurological strabismus: When to worry?
Mr Anthony Vivian, West Suffolk Hospital NHS Trust

12.00 – 12.15  Vertical strabismus: Types and treatments
Miss Joanne Hancox, Moorfields Eye Hospital

12.15 – 12.30  Nystagmus and head postures
Mr James Self, Southampton General Hospital
Virtual strabismus clinic

Managing retinal dystrophies (Hall 4)
Chair by Mr Andrew Webster, UCL Moorfields Eye Hospital & Mr Omar Mahroo, St Thomas' Hospital and King's College London
Retinal dystrophies, although individually rare, cumulatively remain a significant cause of untreatable blindness in working-age adults in the UK. In this session, experts in the field discuss how recent advances in genomic medicine, clinical investigation and assistive technology are allowing ophthalmologists to improve the management of patients and families. We emphasise the practical aspects of management currently possible. Also, with a recent clinical endorsement of a gene-therapy for one rare type of dystrophy, there is more optimism than ever that preventative treatments will impact management in the future and we will discuss the current trials in this area.

11.00 – 11.20  Gene therapy for inherited retinal disease – RPE65 a paradigm?
Dr Stephen Russell, University of Iowa USA

11.20 – 11.40  Managing Inherited retinal disease in children
Professor Michel Michaelides, University College London and Moorfields Eye Hospital

11.40 – 12.00  Genetic testing for inherited retinal disease
Mr Andrew Webster

12.00 – 12.20  Counselling patients and families
Miss Georgina Hall, Central Manchester NHS Foundation Trust

12.20 – 12.40  Electrophysiology – when to request and what it means.
Mr Omar Mahroo, King’s College and St Thomas’s Hospital

12.40 – 13.00  How assistive technology is transforming low vision management
Dr Michael Crossland, University College London and Moorfields Eye Hospital

13.00 – 14.00 Lunch (Hall 2)

14.00 – 15.00 Duke Elder Oration – Classic, emergent and unknown intraocular infectious diseases (Hall 1A & C)
Professor Rubens Belfort, Sao Paulo University, Brazil

15.00 – 15.30 Tea and posters (Hall 2)

15.30 – 17.30 Parallel sessions
NICE guidelines (Hall 11)
Chaired by Professor John Sparrow, Consultant Ophthalmologist, Honorary Professor of Ophthalmic Health Services Research and Applied Epidemiology, Bristol Eye Hospital
In the past couple of years NICE has produced clinical guidelines on three major ophthalmological topics: cataract, glaucoma and AMD. This symposium will present an overview of NICE guideline development methodology, how cost effectiveness is assessed, and key messages coming out of each of these guidelines in terms of clinical practice recommendations. You will hear from the professionals who work on NICE guidelines every day, as well as ophthalmologists who have worked alongside them and participated in development of specific guidelines relevant to our specialty.

15.30 – 15.30 Introduction
Professor John Sparrow

15.35 – 15.55 NICE Methodology
Dr Jennifer Hill, Operations Director, National Guideline Centre, Royal College of Physicians

15.55 – 16.15 NICE Cost Effectiveness
Ms Lauren Ramjee, Senior Health Economist, National Guideline Centre, Royal College of Physicians

16.15 – 16.35 Cataract
Mr Michael Burdon RCOphth President & Mr Nick Wilson-Holt, Consultant Ophthalmologist, Royal Cornwall Hospital

16.35 – 16.55 Glaucoma
Professor John Sparrow

16.55 – 17.15 AMD
Mr Alexander Foss, Consultant Ophthalmologist, University Hospital Nottingham

17.15 – 17.30 Q&A Discussion

Horrible Histories – Infectious uveitis (Hall 3A)
Chaired by Miss Genevieve Larkin, King’s College Hospital, London and Professor Miles Stanford, St Thomas’s Hospital London
All ophthalmologists need to be alert to those infectious diseases that are both sight-threatening and in some cases life-threatening. In this session we will address five priority areas of infectious disease that may present to the general ophthalmologist. Starting each scenario with a ‘Horrible History’, ophthalmologists and physicians or scientist will then highlight what to look out for, how to investigate, how to treat, and when to get help...

15.30 – 15.50 Elusive Endogenous Endophthalmitis
Dr William Tucker, Moorfields Eye Hospital, London
**Ocular surface tumours – what’s new? (Hall 3B)**

Chaired by Miss Victoria Cohen, Moorfields Eye Hospital

There is no doubt that the incidence of conjunctival tumours is increasing but still many abnormalities of the conjunctiva are either ignored or explained away as benign lesions. Given the implications of a missed or miss-managed cancer, this symposium is one not to be missed.

The session will cover diagnostic features of ocular surface malignancy, therapeutic options, surgical approach and systemic surveillance including the best current management of metastatic disease.

15.30 – 16.00  **Conjunctival Melanoma. The surgical approach to diagnosis and treatment**
Miss Victoria Cohen

16.00 – 16.30  **Ocular surface squamous neoplasia: lotions and potions**
Professor Carol Karp, Ocular Surface Tumour Specialist at Bascom Palmer Eye Institute Miami Florida

16.30 – 17.00  **Unusual Conjunctival Tumours**
Professor Arun Singh, Director of Ocular Oncology at the Cole Eye Institute Cleveland Ohio

17.00 – 17.30  **Systemic treatment of Metastatic Conjunctival Melanoma: Is there a chance of adjuvant therapy soon?**
Dr Peter Szlosarek, Consultant Medical Oncologist and Senior Lecturer at Barts Cancer Institute

Intraocular haemorrhage: a bloody challenging situation (Hall 4)
Intraocular haemorrhage can complicate a number of situations and raise several key questions in terms of optimum clinical management. This symposium will be delivered in 6 presentations. The first two talks will provide ophthalmologists with an overview of conditions and medications that predispose to intraocular haemorrhage, including the newer agents that are increasingly being used and their perioperative management. The final four talks will cover the main types of intraocular haemorrhage encountered in routine practice namely anterior segment hyphaema, vitreous haemorrhage, choroidal haemorrhage and subretinal haemorrhage. The aetiology and acute and chronic management will be discussed. The emphasis will be on practical decision making whilst also reviewing key background knowledge. At the end of each talk case scenarios will be presented and discussed with active audience voting and participation.

**15.30 – 15.50**  
**Haematological disorders predisposing to intraocular haemorrhage and their management**  
Dr Emily Graves, Consultant Haematologist, Sunderland Royal Hospital

**15.50 – 16.10**  
**Anticoagulant and antiplatelet treatment and ocular surgery**  
Mr Assad Jalil, Consultant Ophthalmologist, Manchester Royal Eye Hospital

**16.10 – 16.30**  
**Hyphaema**  
Mr Felipe Dhawahir-Scala, Consultant Ophthalmologist, Manchester Royal Eye Hospital

**16.30 – 16.50**  
**Vitreous haemorrhage**  
Mr Alistair Laidlaw, Consultant Ophthalmologist, St Thomas’s Hospital

**16.50 – 17.10**  
**Choroidal haemorrhage**  
Mr Tom Williamson, Consultant Ophthalmologist, St Thomas’s Hospital

**17.10 – 17.30**  
**Submacular haemorrhage**  
Mr David Steel, Consultant Ophthalmologist, Sunderland Eye Infirmary

**Advances in corneal disease management (Hall 1C)**  
Chaired by Mr Parwez Hossain, Southampton Eye Unit

The management of corneal diseases has evolved to tackle some of the most common anterior segment ophthalmic conditions with a significant improvement in the outlook for patients with these conditions. In this session, we will highlight the changes in practice that are influencing the overall treatment strategy for frequent corneal conditions. There will be an opportunity to ask questions towards the end of the session.

The surgical treatment of endothelial disease has undergone a revolution with the introduction of endothelial keratoplasty. Prof Jod Mehta is Head of the Corneal Service and Senior Consultant in the Refractive Service of the Singapore National Eye Center (SNEC). He leads the clinical corneal service and runs a research program amongst many areas on corneal transplantation, femtosecond laser technology, corneal imaging. His team at
Singapore National Eye Centre have been at the forefront of surgical treatments in keratoplasty and will share his expertise in the management of patients with endothelial disease.

Keratoconus is frequent cause for anxiety amongst adolescents and young adults. The development of collagen cross-linking and its NICE approval, has allowed many to have their conditions treated before the conditions gets advanced. Mr Aristides Konstantopoulos, Consultant Ophthalmic Surgeons, Southampton University Hospital, runs a busy NHS collagen cross-linking service for the South Coast of England and has extensive experience on which patients need referral, the urgency, the outcomes of treatments to halt ectasia and what are the future direction of visual rehabilitation in such patients.

Refractive surgery remains one of the most frequently asked questions from patients, colleagues, friends and alike, newer developments in refractive eye surgery are taking place David Anderson, Consultant Ophthalmic Surgeon is a highly respected refractive corneal surgeons will provide the options and which approaches are helpful to patients seeking this type of corrective surgery.

Dry eye disease (DED) remains one of most common conditions and for all ophthalmic staff to manage. With increasing number of novel and potential ‘breakthrough’ therapies either being approved or undergoing evaluation by NICE, DED management is going through a significant change. The DEWS I report published almost 10 years ago, put forward newer concepts of DED focusing the diagnosis into “evaporative” versus “aqueous deficient” dry eye disease. Dr Colin Parsloe, is one of the contributing authors of the recently published DEWS II report. He will describe what is new in DED and why this report is likely to influence our clinical practice? He will show approaches to improve its features, especially the pain related to DED and understand iatrogenic causes.

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<td>15.30–15.40</td>
<td>Introduction</td>
<td>Parwez Hossain</td>
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<td>15.40–16.00</td>
<td>Advances in endothelial corneal transplantation</td>
<td>Professor Jodhbir Singh Mehta, Singapore National Eye Centre</td>
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<td>16.00–16.20</td>
<td>Update in refractive surgery</td>
<td>Mr David Anderson, Southampton Eye Unit</td>
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<td>16.20–16.40</td>
<td>Advances in corneal ectasia and collagen cross-linking</td>
<td>Mr Aris Konstantopoulos, Southampton General Hospital</td>
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<td>16.40–17.10</td>
<td>Advances in dry eye disease management - DEWS II Report</td>
<td>Dr Colin Parsloe</td>
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<td>17.10–17.30</td>
<td>Questions and discussion</td>
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<td>15.30–18.30</td>
<td>Ophthalmic Trainees Forum (Hall 12)</td>
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Chaired by Mr Jaswant Sandhu, Royal Victoria Infirmary, Newcastle Upon Tyne

Out of Programme Experiences (OOPE) — what you should know
Dr Anindita Hom-Choudhury, Specialty Registrar Leeds Teaching Hospitals

Out of Programme Research (OOPR) – what you should know
Dr Varo Kirthi, Specialty Registrar, Eastbourne District General Hospital

Medico-legal issues for trainees
Mr Declan Flanagan, Moorfields Eye Hospital

If only I knew then what I know now - Pearls from an experienced consultant to consultants-to-be:
Mr Larry Benjamin, Stoke Mandeville Hospital
Other speakers TBC

The session will close with a drinks reception for attendees.

Ophthalmology multidisciplinary team day (Hall 1B)
This day is about bringing the whole multidisciplinary ophthalmology team (including ophthalmic nurses, optometrists, orthoptists, technicians, scientists and ophthalmologists) together to learn and share developments and best practice in a mutually supportive atmosphere. The day includes presentations from national experts from all professional backgrounds and is broken into three sessions. The first session "Guidelines not tramlines" provides an update on the new major national guidelines on AMD, wrong intraocular lenses and cataract and what this means for on the ground professionals including discussions about the use of Avastin, non medical injectors and innovative ways of increasing capacity by better use of the whole team. The second session, "Getting it right", examines how services can be transformed for greater efficiency and value, within the hospital unit and across the whole community and hospital pathway and how training and competencies can support safe service transformation. The final session, "Advances in practice" looks at advances in key fast moving areas in ophthalmology including myopia prevention, paediatric cataract, genetics and patient involvement in research.

09.00 – 09.10 Guidelines not tramlines
Professor Janet Marsden

09.10 – 09.25 AMD. The new NICE guideline
Professor Sobha Sivaprasad, Moorfields Eye Hospital

09.25 – 09.35 NICE Cataract guideline
Mr Nicholas Wilson Holt, Royal Cornwall Hospitals NHS Trust

09.35 – 09.45 Avastin prescribing and YOU
Clare Faulkner, Ophthalmic Pharmacists Group
09.45 – 10.05  
UK Ophthalmology Alliance: avoiding wrong IOLS, never event framework  
Mrs Melanie Hingorani

10.05 – 10.20  
Best practice in injection therapy  
Adam Mapani, UCL Department of Clinical Ophthalmology & Moorfields Eye Hospital

10.20 – 10.30  
The way forward  
Mr John Buchan, St James’s University Hospital, Leeds

10.30 – 11.00  
Tea

11.00 – 13.00  
Getting it Right – Efficient and Effective ophthalmic Services

11.05 – 11.30  
Getting it Right first time (GRIFT)  
Miss Lydia Chang, Hinchingbrooke Hospital

11.30 – 11.50  
Getting it right in the Independent Sector  
Dr Alexander Silvester, SpaMedica

11.50 – 12.10  
Getting it right in Local Eye Services  
Katrina Venerus

12.10 – 12.30  
Getting it right across the patch  
Mrs Geeta Menon, Frimley Park Hospital, Surrey

12.30 – 12.50  
Getting it right across the pathway  
Miss Rebecca Turner, Oxford Eye Hospital

12.50 – 13.00  
Review & questions

13.00 – 14.00  
Lunch

14.00 – 15.00  
Duke Elder Oration – Professor Rubens Belfort  
Classic, emergent and unknown intraocular infectious diseases

15.00 – 15.30  
Tea

15.30 – 17.00  
Advances in practice

15.35 – 16.00  
Gene therapy – where we’re up to  
Dr Mariya Moosajee, Consultant Ophthalmologist and Senior Lecturer UCL Institute of Ophthalmology, Moorfields Eye Hospital and Great Ormond Street Hospital for Children

16.00 – 16.20  
Managing myopia
16.20 – 16.40  
**Paediatric cataract**
Professor Christopher Lloyd, Great Ormond Street Hospital for Children

16.40 – 16.55  
**Involving the patient voice in research and practice**
Ms Marina Forbes, Cumberland Infirmary