

Pathways and communication



Programme

Monday 1 June

18:00

Plenary

Introduction to UKIO Online

Dr Nick Spencer, President, UKIO

Communication, overcoming adversity, and the new normal

Dame Tanni Grey-Thompson, Paralympian, Crossbench Peer, and Broadcaster

19:30

MSK

Sports imaging

Moderator: *Dr Gajan Rajeswaran, Consultant Radiologist, Fortius Clinic, London*

Just one step away - common sporting injuries of the foot and ankle - *Dr Kannan Rajeswaran, Consultant Radiologist, University College Hospital London NHS Trust*

Pars interarticularis injuries in elite sport - *Dr Gajan Rajeswaran, Consultant Radiologist, Fortius Clinic, London*

Imaging of shoulder injuries in sport - *Dr Qaiser Malik, Clinical Director for Radiology, Mid and South Essex NHS Trust*

Live Q&A

Tuesday 2 June

18:00

Plenary

Introduction and moderator

Dr Nick Spencer, President, UKIO

How we stood up the NHS Nightingale

Sarah Jensen, CIO, Barts Health NHS Trust

Brian Turner, RIS/PACS Manager, Barts Health NHS Trust

Chris Scarisbrick, Sales Director, Sectra

Ana Barelo, Technical Consultant, Sectra

Live Q&A

19:30

MSK

Shoulder imaging – how do I do it?

Moderator: Dr Subhasis Basu, Consultant Musculoskeletal Radiologist, Wrightington, Wigan & Leigh NHS Foundation Trust

How do I image shoulder instability? - *Dr Zeid Al Ani, Consultant Radiologist, Wrightington, Wigan and Leigh Teaching Hospitals NHS Foundation Trust*

Rotator cuff - what the surgeon wants - *Mr Lennard Funk, Consultant Shoulder & Upper Limb Surgeon, Wrightington, Wigan and Leigh Teaching Hospitals NHS Foundation Trust*

Live Q&A

Wednesday 3 June

18:00

MSK

MSK intervention

Moderator: *Dr Emma Rowbotham, MSK Radiology
Consultant, The Leeds Teaching Hospitals NHS Trust*

MSK CT intervention - *Dr Richard Fawcett, Consultant
Musculoskeletal Radiologist, The Leeds Teaching Hospitals
NHS Trust*

**Fluoroscopic-guided MSK intervention - what the
Radiologist can do** - *Dr Ed Sellon, Oxford University
Hospitals, MSK Radiologist, Oxford University Hospitals NHS
Foundation Trust*

MSK US intervention - *Dr Emma Rowbotham, MSK
Radiology Consultant, The Leeds Teaching Hospitals NHS
Trust*

Live Q&A

Thursday 4 June

18:00

MSK

Groin imaging

Moderator: *Dr Syed Babar, Consultant Radiologist, Imperial College Hospitals NHS Trust*

MR imaging of the groin - *Dr Hifz Aniq, Consultant Radiologist, Royal Liverpool & Broadgreen University NHS Hospital Trust*

MR imaging of femoro-acetabular impingement - *Dr Syed Babar, Consultant Radiologist, Imperial College Hospitals NHS Trust*

Live Q&A

19:30

MSK

Spinal imaging: Pearls and pitfalls – case-based approach

Moderator: *Dr Jaspreet Singh, Consultant MSK Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust*

Spinal degeneration - current concepts and unusual situations - *Dr Jaspreet Singh, Consultant MSK Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust*

Spinal infection and inflammation - *Dr Prudencia Tyrrell, Consultant MSK Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust*

Incidental lesions and beyond - *Dr Bernhard Tins, Consultant Radiologist, The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust*

Live Q&A

Tuesday 9 June

11:00

Industry Sponsored session by Sectra

SECTRA

Knowledge and passion

**Cybersecurity and its increased importance in
a tele-digital landscape**

*Johan Åtting, Chief Information Security Officer,
Sectra*

Tuesday 9 June

18:00

Industry Sponsored session by Sectra

SECTRA

Knowledge and passion

Pathology: Analogue to digital - the story so far

Chris Scarisbrick, Sales Director, Sectra

19:30

**Imaging
tech**

All you wanted to know about patient dose surveys and diagnostic reference levels (DRLs)

Moderator: Matthew Dunn, Head of Radiation Physics, Nottingham University Hospital NHS Trust

Update on UK national DRLs – *Sue Edyvean, Medical (Radiation) Dosimetry Group Leader, Public Health England*

DRLs for radiotherapy – *Dr Tim Wood, RPA/MPE, Hull University Teaching Hospitals NHS Trust*

DRLs for hybrid imaging – *Gareth Iball, Lead Clinical Scientist, Leeds Teaching Hospitals NHS Trust*

Wednesday 10 June

18:00

19:30

RPS

**Personal monitoring arrangements in
healthcare**

***Moderator:** Robert Loader, Radiation Protection Adviser
(RPA), Clinical Scientist and Medical Physics Expert,
University Hospitals Plymouth NHS Trust*

**Overview of new personal monitoring requirements for
personnel working in healthcare** - *Dr Colin Martin, Honorary
Senior Lecturer, University of Glasgow*

**Practical implementation of personal monitoring in
interventional radiology** - *Andy Rogers, Lead Interventional
MPE, Nottingham University Hospitals NHS Trust*

**Extremity doses in nuclear medicine and radiopharmacy
including accident scenarios** - *Dr Bill Thomson, Consultant
Physicist and Head of Physics and Nuclear Medicine,
Sandwell and West Birmingham Hospitals NHS Trust*

Live Q&A

Thursday 11 June

19:30

Industry Sponsored session by GE Healthcare



Tomorrow's efficiencies in today's world

*NCIMI - Professor Fergus Gleeson, Professor of Radiology,
University of Oxford*

Command Centre - Gerald Dunstan, GEHC Partners

*East Midlands Radiology Consortium (EMRAD) - Penny Storr,
EMRAD Programme Director*

Tuesday 16 June

18:00

Industry Industry session by EIZO & Barco



Medical display screens

***Moderator:** Rizwan Malik, Clinical Lead for Radiology, Bolton NHS Foundation Trust*

What are you looking at... Why does it matter? - Rob Cooper, Product Specialist, EIZO Medical Products

Clinical aspects of a medical display system for radiology and mammography – Toon Dierckx, Segment Director, Barco

19:30

RPS

Joint professional guidance update on the use of patient shields in diagnostic radiology

***Moderator:** Robert Loader, Radiation Protection Adviser (RPA), Clinical Scientist and Medical Physics Expert, University Hospitals Plymouth NHS Trust*

Overview of new professional guidance - Peter Hiles, Head of Radiation Physics, North Wales Medical Physics

Guidance on using shielding on patients for diagnostic radiology applications - practical perspective - Lynda Johnson, Professional Officer for Clinical Imaging, SCoR

Wednesday 17 June

18:00

19:30

Industry

**Sponsored session by Agfa Healthcare
COVID-19 and beyond - an Enterprise Imaging
Platform approach for the 'new normal'**



Covering Enterprise Imaging strategy and rationale, regional collaboration and a specific COVID-19: #StrongerTogether collaboration use case.

- COVID-19: 5 Reasons why health systems need to implement an Enterprise Imaging Platform
- Imaging collaboration in a regional context - how to get there?
- #StrongerTogether user case - XERO Viewer and Microsoft Teams Integration for faster COVID-19 response

Clinical oncology

Supportive intervention and managing the radiotherapy pathway

***Moderator:** Joanne Mitchell, Research Radiographer, Edinburgh Cancer Centre*

Weight loss and radical radiotherapy – Dr Iain Phillips, Consultant Clinical Oncologist, Edinburgh Cancer Centre
Dietetics in radiotherapy - Lindsey Allan, Macmillan Oncology Dietician, Royal Surrey NHS Foundation Trust

Thursday 18 June

18:00

Clinical oncology	<p>Physics: MRI imaging in radiotherapy and MRI for external beam radiotherapy – where are we now?</p> <p><i>Moderator: John Burton, Principal Radiographer Pre-treatment, Edinburgh Cancer Centre</i></p> <p>Benefits of MRI in radiotherapy – the radiographer's view - <i>Dr Helen McNair, Lead Research Radiographer and HEE/NIHR Senior Clinical Lecturer, Royal Marsden NHS Foundation Trust and Institute of Cancer Research</i></p> <p>Update and recommendations from the IPEM working party on MRI for external beam radiotherapy - <i>Dr Richard Speight, Principal Clinical Scientist, Leeds Cancer Centre</i></p>
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19:30

RPS	<p>How to comply with IRMER for patient doses and DRLs</p> <p><i>Moderator: Matthew Dunn, Head of Radiation Physics, Nottingham University Hospital NHS Trust</i></p> <p>Patient doses and DRLs – what an inspector expects – <i>Cliff Double, IR(ME)R Inspector, CQC</i></p> <p>IPEM Report 88 working party on DRLs and patient dose monitoring - <i>Paul Charnock, RPA/MPE, IRS Limited</i></p> <p>What radiographers should know about DRLs - <i>Maria Murray, Radiation Protection Lead, SCoR</i></p>
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Tuesday 23 June

18:00

**Head
and neck**

Imaging of head and neck emergencies

Orbital emergencies - *Dr Ata Siddiqui, Consultant Neuroradiologist, King's College Hospital NHS Foundation Trust and Guys & St Thomas' Hospitals NHS Foundation Trust*

Imaging of head and neck trauma - *Dr Philip Touska, Consultant Head and Neck Radiologist, Guy's and St Thomas' NHS Foundation Trust*

19:30

Industry

Sponsored session by Barco



Barco Synergi®: Multi-disciplinary team collaboration

- How to prepare, manage and run your MDTs virtually
- How to increase the number of patient cases reviewed in your MDT
- How to use "readiness" tracking as a marker of how well a patient case is prepared
- How to eliminate manual administrative tasks
- How to leverage your existing software ecosystem and hardware assets to MDTs

Wednesday 24 June

17:45

19:30

**Obs &
gynae**

Pelvic pain

Moderator: *Dr Nishat Bharwani, Consultant Radiologist,
Imperial College NHS Trust*

Multimodality imaging of chronic pelvic pain - *Dr Sue
Freeman, Consultant Radiologist, Addenbrooke's Hospital*
**Pelvic congestion syndrome – diagnostic work up and
treatment** – *Dr Narayan Karunanithy, Consultant
Interventional Radiologist, Guys and St Thomas' NHS
Foundation Trust*

Industry Sponsored session by Esaote



**Esaote MRI - cutting waiting lists and enabling cost savings
to the NHS**

Initial experiences of an - extremity MRI scanner -
*Matthew Benbow, Superintendent Radiographer, CT & MRI,
Royal Bournemouth Hospital*
Maximising the benefits of the O Scan - *Tim Relf, Advanced
Practitioner Radiographer, Derriford Hospital, Plymouth*

Thursday 25 June

18:00

Industry Sponsored session by Siemens Healthineers



Make the most of your imaging systems. Transform care delivery with remote scanning support and training

Sayeh Alavi, Project and Clinical Solutions Manager, Siemens Healthineers

A number of remote training and real time scanning solutions are now available to assist imaging staff in MR, CT and PET-CT scanning - regardless of their physical location. See how Siemens Healthineers syngo virtual assist remote technologies help standardise approaches, enable real time collaboration among clinical staff across sites, and address skill gaps and upskilling in clinical environments - leading to improvements in efficiency and enhancing patient experience.

19:30

Paeds

The Hitchhikers guide to paediatric surgical emergencies

Moderator: Dr Vivian Tang, Consultant Paediatric Radiologist, Royal Manchester Children's Hospital

Imaging approach to paediatric surgical emergencies – *Dr Linda Stephens, Consultant Paediatric Radiologist, Royal Manchester Children's Hospital*

The role of the radiology trainee on-call - *Dr Debra Harris, Radiology Trainee, Royal Manchester Children's Hospital*

The surgeon's perspective – *Mr Ross Craigie, Consultant Paediatric Surgeon, Royal Manchester Children's Hospital*

Tuesday 30 June

18:00

**Obs &
gynae**

Gynaecological malignancy

Moderator: *Dr Nishat Bharwani, Consultant Radiologist,
Imperial College NHS Trust*

Role of PET/CT in gynaecological malignancy - *Dr Tara
Barwick, Consultant Radiologist, Imperial College
Healthcare NHS Trust*

**Imaging of fertility sparing treatment in gynaecological
malignancy** - *Dr Nishat Bharwani, Consultant Radiologist,
Imperial College NHS Trust*

Gynaecological malignancy presenting in pregnancy - *Dr
Faye Cuthbert, Consultant Radiologist, Brighton and Sussex
University Hospitals*

19:30

Wednesday 1 July

18:00

Short papers	<p>Head & neck and neurology</p> <p>Subarachnoid haemorrhage, CT head and lumbar puncture - can our words influence clinicians' actions? – <i>Dr Catrin Evans, Radiology Registrar, North Bristol NHS Trust</i></p> <p>Neurovascular CT angiography image quality - a quality improvement project – <i>Dr Ashik Amlani, Radiology Registrar, Guy's and St Thomas' NHS Foundation Trust</i></p> <p>Optimising imaging and adherence to protocols in patients with eurofibromatosis type 2 – <i>Dr Rohit Srinivasan, Guy's and St Thomas' NHS Foundation Trust</i></p> <p>Apparent diffusion coefficient (ADC) of the spinal cord following palliative radiotherapy to the thoracic spine in metastatic prostate cancer – <i>Dr Sebastian Curcean, The Royal Marsden NHS Foundation Trust</i></p>
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19:30

Doctorate den	<p>Doctoral supervision – notes to help you navigate the path</p> <p>What do I want to see from a doctoral candidate as a supervisor? - <i>Dr Karen Knapp, Associate Professor in Musculoskeletal Imaging, University of Exeter and Professor Heidi Probst, Professor of Radiotherapy and Oncology, Sheffield Hallam University</i></p> <p>What do I want from a supervisor on my doctoral journey - <i>Dr Julie Woodley, Senior Lecturer, University of the West of England and Dr Helen McNair, Lead Research Radiographer and HEE/NIHR Senior Clinical Lecturer, Royal Marsden NHS Foundation Trust and Institute of Cancer Research</i></p> <p>Live interactive discussion</p>
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Thursday 2 July

18:00

Short papers

History of imaging

History and evolution of Artificial Intelligence - *Elizabeth Beckmann, Chair, BSHR and Director, Lanmark*

Early chest radiology pioneers and the beginnings of chest radiology - *Dr Arpan K Banerjee, Retired Consultant Radiologist*

Miss Marion Frank (1920 - 2011) "I have never been a good radiographer, but I knew how to get out of trouble" - *Dr Adrian Thomas, Consulting Radiologist, Canterbury Christ Church University*

Kathleen Clara Clark (1896-1968) and the need for standardisation - *Dr Adrian Thomas, Consulting Radiologist, Canterbury Christ Church University*

19:30

Short papers

Workforce development

Radiographer advanced practice in paediatric interventional radiology - is it beneficial for patients and radiology departments? – *Emma Rose, Clinical Specialist Radiographer, Great Ormond Street Hospital for Children NHS Foundation Trust*

Student radiographers - current career aspirations – *David Palmer, Student Radiographer, Sheffield Hallam University*

How do we define advanced practice roles - a document analysis of UK job descriptions – *Professor Beverly Snaith, Clinical Professor of Radiography, University of Bradford*

Establishing the value of a supported return to training course for radiology trainees – *Dr Samira Rostampour, Radiology Registrar*

The personal impact of work-related musculoskeletal disorders (WRMSD) on sonographers – *Gareth Bolton, Senior Lecturer/Ultrasound Programme Leader, University of Cumbria*

Tuesday 7 July

18:00

Short papers	<p>Radiotherapy treatments</p> <p>Building research capability and capacity of therapeutic radiographers, in a small radiotherapy department – Kirsty Farnan, NHS Tayside</p> <p>Improving patient pathways: 17 days from referral to radiotherapy treatment at Addenbrooke's Hospital – Nicola Twynam, Cambridge University Hospitals Trust</p> <p>Robust optimisation for SABR lung planning – Zoe Walker, University Hospital Coventry and Warwickshire</p>
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19:30

Research	<p>Imaging and oncology research - views from other professions</p> <p>Collaborative research and open upright MRI - <i>Professor Alan Breen, Professor of Musculoskeletal Health Care, AECC University College</i></p> <p>Listening to women's unheard experiences of developing & living with breast or trunk lymphoedema after treatment for breast cancer - <i>Janet Ulman, Doctoral Student and Researcher, Sheffield Hallam University</i></p> <p>Live Q&A</p>
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Wednesday 8 July

18:00

Clinical oncology	<p>Cancer: A Chronic Condition – re-irradiation</p> <p>Lung re-irradiation - purpose, problems and (potential) solutions - <i>Dr Robert Rulach, Clinical Research Fellow and Clinical Oncology Registrar, University of Glasgow</i></p> <p>Pelvic re-irradiation- challenges and opportunities - <i>Dr Louise Murray, Associate Professor, University of Leeds, and Honorary Consultant Clinical Oncologist, Leeds Cancer Centre</i></p>
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19:30

Short papers	<p>Therapeutic radiography service improvement</p> <p>Values versus evidence-based practice: Part 2 - should the art of communication become a continuous training requirement of a competent therapeutic radiographer? – <i>Ana Azevedo, Radiographer, Edinburgh Cancer Centre</i></p> <p>Developing a robust local framework for the development of advanced practice - <i>Denyse Hodgson, Principal Radiographer, Weston Park Hospital</i></p> <p>Therapeutic radiographer-led sexual care clinic – <i>Loryn Caulfield, Consultant Therapeutic Radiographer, Oxford University Hospitals NHS Foundation Trust</i></p> <p>Using CBCT for dosimetric quality assurance of MR-only radiotherapy – <i>Jonathan Wyatt, PhD Fellow, Newcastle University</i></p> <p>Can CT-Cone Beam Computed Tomography (CT-CBCT) matching skills be transferred to Magnetic Resonance-CBCT (MR-CBCT) matching for MR-only prostate radiotherapy? – <i>Rachel Brooks, Research and Development Clinical Specialist Radiographer, Newcastle upon Tyne Hospitals NHS Foundation Trust</i></p> <p>Non-invasive cardiac radioablation for ventricular tachycardia - treatment delivery experiences from three centres – <i>Karen Pilling, Clinical Lead Superintendent Radiographer, Newcastle Upon Tyne Hospitals NHS Foundation Trust</i></p>
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Thursday 9 July

18:00

19:30

Industry Sponsored session by Siemens Healthineers



Artificial Intelligence in practice – a companion to radiology

Matt Gibson, Head of Sales, Siemens Healthineers

Artificial Intelligence has moved from concept to reality in a short space of time, demonstrating that it is a critical tool in not only improving workflow in radiology but also impacting how we can get ahead of disease and better serve patients and clinicians. The development of AI tools continues to expand at pace, and the COVID-19 pandemic has accelerated this development. This presentation will explore how current offerings from Siemens Healthineers aim to improve the services provided by the NHS and how future developments will take aim at the most burdensome areas of clinical practice.

Tuesday 14 July

18:00

Clinical oncology	<p>Fear of cancer recurrence - an update on the FORECAST study</p> <p>The link between patient-health provider communication and fear of cancer recurrence – <i>Professor Gerry Humphris, Professor of Health Psychology, University of St Andrews</i></p> <p>Co-design of a new communication skills intervention (KEW) for radiotherapy - <i>Dr Mara van Beusekom, Research Fellow, University of St Andrews</i></p>
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19:30

Patient voice	<p>Patient stories - improving care for the public and patients through patient engagement</p> <p>Moderator: <i>Dr Nick Spencer, President, UKIO</i></p> <p>Living beyond cancer and patient advocacy in research - <i>Derek Stewart, Patient Advocate</i></p> <p>Using co-production to explore compassion and compassionate behaviours in radiotherapy - <i>Amy Taylor, Principal Therapeutic Radiographer Research and Development, Weston Park Cancer Centre, Sheffield</i></p> <p>Patient story - a Lady from London - <i>Jane Gooch, Senior Lecturer in Diagnostic Imaging, University of Derby</i></p> <p>Delivering informed measures of patient centred care in diagnostic radiography - <i>Emma Hyde, Head of Diagnostic Imaging, University of Derby</i></p> <p>Live Q&A with all speakers and Sandie Mathers, Chair of the College of Radiographers Board of Trustees UK; and Philip Plant, Patient Advisory Group, SCoR</p>
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Wednesday 15 July

18:00

19:30

Industry Sponsored session by Philips Healthcare

PHILIPS

The new reality in MR

*Jonathan Coupland, MR Product Specialist UKI,
Philips Healthcare*

How Philips MR solutions are putting patients and
clinical staff first.

Thursday 16 July

18:00

Pathways and
communication

19:30

Breast

Communicating concepts in breast screening

Moderator: *Dr Mamatha Reddy, Care Group Lead Breast Services, St George's University Hospital NHS Foundation Trust*

BSIS – tools to help screening teams – *Dr Jim Steel, Director of Breast Services, University Hospitals Plymouth NHS Trust*
Improving team recall rates - *Dr Rosalind Given-Wilson, Consultant Radiologist, St George's University Hospitals NHS Foundation Trust*

Tuesday 21 July

18:00

19:30

Industry Sponsored session by Philips Healthcare

PHILIPS

Philips CT advances in design & technology

Hannah Timbrell, CT Sales Specialist UKI

This session will highlight the latest innovations in spectral, cardiac and general CT.

Wednesday 22 July

18:00

Pathways and
communication

19:30

**Short
papers**

Innovation and communication

RoboRad – a real-time system for monitoring and analysis of PACS reporting room occupancy and workstation utilisation – *Bahman Kasmai, Principal Clinical Scientist, Norfolk and Norwich University Hospitals NHS Trust*

Automated calculation of the RV:LV ratio in acute pulmonary embolism - a real-world feasibility and clinical impact study - *Dr Robert Foley, ST2 Radiology, Royal United Hospitals Bath NHS Foundation Trust*

Preparing patients for MRI with a free and easily accessible Virtual Reality experience – *Jonathan Ashmore, Clinical Scientist, NHS Highland*

Clinician and patient perspectives on the requirements for independent patient image access - a qualitative analysis – *William Cox, Senior Lecturer, University of Portsmouth*

Thursday 23 July

18:00

19:30

Industry Sponsored session by Philips Healthcare

PHILIPS

Relieving the pressure - bringing together AI,
SmartWorkflow and accelerated MR scanning to
clinical practice

*Marius van Meel, Senior Product Manager and
Matthew Clemence PhD, Senior Scientist, Philips
Healthcare*

How to address challenges around the patient and MR
scanning workflow during Covid-19.

Tuesday 28 July

18:00

19:30

**Short
papers**

Prostate/Renal/MSK

Dynamic contrast-enhanced MRI (DCE-MRI) of the prostate - limiting the acquisition duration - *Eric Nduka Onwuharine, Senior MRI Radiographer, University Hospitals of North Midlands*

Pictorial review of the shifting pattern of advanced metastatic prostate cancer in the era of multimodality imaging – *Andra Curcean, Institute of Cancer Research*
Initial experience of a new emergency referral pathway for pre-menopausal females presenting with acute renal colic – *Mahdi Saleh, Countess of Chester Hospital NHS Foundation Trust*

Opportunistic screening for osteoporosis by abdominal CT in a British population - *Sonam Vadera, University Hospitals of Leicester*

Popliteal Fossa ultrasounds: When are they clinically indicated? – *Emily Mayo, Princess of Wales Hospital*

Thursday 30 July

18:00

19:30

**Chest
and lung**

Lung cancer screening - the new frontier

Moderator: Dr Nick Screaton, Consultant Radiologist, Royal Papworth Hospital NHS Foundation Trust

Lung Cancer Screening - update and national context -

Professor David Baldwin, Consultant Respiratory Physician, Nottingham University Hospitals NHS Trust

Nodule-ology - pearls, pitfalls, algorithms and AI - Dr Arjun Nair, Consultant Radiologist, University College London Hospitals NHS Foundation Trust

Incidental findings on lung cancer screening - why bother?

– Professor Anand Devaraj, Consultant Radiologist, Royal Brompton and Harefield NHS Foundation Trust

Pathways and communication

