

| Time | Radiology stream 1 | Radiology stream 2 | Radiology stream 3 | Oncology stream | Workshop stream 5 (lecture-based workshops) | Workshop stream 6 (Osirix-based workshops) |
|-------------|---|---|--|---|---|--|
| 08:45–10:00 | Registration | | | | | |
| 10:00–11:30 | <p>Artificial intelligence (AI) and its impact on imaging Chair: Dr Neelam Dugar</p> <p>Artificial intelligence for radiologists: What do the NHS and radiologists need from AI? Dr Nicola Strickland, President, The Royal College of Radiologists</p> <p>Clinical validation and regulatory hurdles Dr Hugh Harvey, Clinical Director, Kheiron Medical Technologies</p> <p>Implementation of AI – industry round-up from picture archiving and communication systems (PACS) and modality vendors Dr Neelam Dugar, Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust</p> | <p>Non-oncological head and neck and cranial nerve imaging Chair: Dr Steve Connor</p> <p>Non-oncological head and neck imaging</p> <p>Temporal bone imaging: clinical scenarios Dr Steve Connor, King's College Hospital NHS Foundation Trust, London</p> <p>Salivary gland imaging: what to look for and how to sample? Dr Gitta Madani, Imperial College Healthcare NHS Trust, London</p> <p>Sinonasal imaging: how I report sinonasal computed tomography (CT) and what not to miss? Dr Tim Beale, University College London Hospitals NHS Foundation Trust</p> | <p>Lung cancer and TNM 8 Chair: Dr Rebecca Duerden</p> <p>The new face of lung cancer: how to spot the gorilla in the mist ... Dr Anna Sharman, Manchester University NHS Foundation Trust</p> <p>2b or not 2b that is the question: implementing TNM 8 staging in lung cancer multidisciplinary teams (MDT) Dr Matthew Evison, Consultant in Respiratory Medicine, Manchester University NHS Foundation Trust</p> <p>Current strategies for curative and palliative treatments in lung cancer Dr David Woolf, Consultant Clinical Oncologist, The Christie NHS Foundation Trust, Manchester and Mr Tim Batchelor, Thoracic Surgeon, University Hospitals Bristol NHS Foundation Trust</p> | <p>Living in interesting times: paradigm shifts in lung cancer management? Chair: Professor Matthew Hatton</p> <p>Optimal computed tomography (CT) screening for lung cancer: how good can it be? Dr David Baldwin, Nottingham University Hospitals NHS Trust and Dr Matthew Callister, Respiratory Physician, Leeds Teaching Hospitals NHS Trust</p> | <p>British Society of Skeletal Radiologists: Musculoskeletal (MSK) radiology Chair: Dr Raj Sinha</p> <p>Trauma plain films: the devil is in the detail Dr Richard Fawcett, Leeds Teaching Hospitals NHS Trust</p> <p>Incidental don't touch lesions Dr Steven James Royal Orthopaedic Hospital NHS Foundation Trust, Birmingham</p> <p>Plain films in inflammatory arthropathy - a lost art Dr Emma Rowbotham, Leeds Teaching Hospitals NHS Trust</p> | <p>British Society of Gastrointestinal and Abdominal Radiologists: Tips and tricks for the colorectal multidisciplinary team (MDT) meeting Led by: Dr James Stephenson</p> <p>Colon cancer staging - getting it right and pre-operative planning Dr James Stephenson, University Hospitals of Leicester NHS Trust</p> <p>Rectal cancer staging - getting it right and pre-treatment planning Dr Vikas Shah, University Hospitals of Leicester NHS Trust</p> |
| 11:30–12:00 | Coffee | | | | | |



Excellent range of topics covered from which I have learnt a great deal and will use in my clinical practice.

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| 12:00–13:00 | <p>Artificial intelligence (AI) and its impact on imaging (continued)</p> <p>Examples of AI-based decision support in research and clinical practice</p> <p>AI use for glioblastoma Dr Markand Patel, University Hospitals Birmingham NHS Foundation Trust</p> <p>AI for chest X-ray shadow detection Professor Giovanni Montana, King's College London</p> <p>AI in breast cancer screening Dr Nisha Sharma, Leeds Teaching Hospitals NHS Trust</p> <p>AI for stroke detection? Dr Mark Radon, The Walton Centre NHS Foundation Trust</p> | <p>Non-oncological head and neck and cranial nerve imaging (continued)</p> <p>Clinical presentations of cranial nerve dysfunction</p> <p>Visual loss and double vision: cranial nerves II, III, IV and VI Dr Ata Siddiqui, King's College Hospital NHS Foundation Trust, London</p> <p>Facial pain, paraesthesia and weakness: cranial nerves V and VII Dr Gillian Potter, Salford Royal NHS Foundation Trust, Manchester</p> <p>Dysphagia, dysarthria and hoarse voice: cranial nerves IX, X, XII Dr Daniel Scoffings, Cambridge University Hospitals NHS Foundation Trust</p> | <p>Lung cancer and TNM8 (continued)</p> <p>Interactive multidisciplinary (MDT) team meeting</p> <p>Interactive MDT session, with genuine cases presented by physicians and surgeons, where the audience is invited to apply knowledge learned from the first part of session, to decide if appropriate for certain investigations including biopsy, positron emission tomography (PET), brain imaging and endobronchial ultrasound (EBUS) / mediastinoscopy.</p> <p>Following results of these, the audience will be interactively involved in accurate staging of patients and in discussion of treatment options, including stereotactic ablative radiotherapy (SABR) and video-assisted thoracoscopic surgery (VATS) resection plus immunotherapies.</p> | <p>DEBATE: Radical radiotherapy in lung cancer: is cardiac toxicity our most pressing concern? Chair: Professor Matthew Hatton</p> <p>FOR Dr Nazia Mohammed, NHS Greater Glasgow and Clyde and Dr Jason Lester, Swansea Bay University Health Board</p> <p>AGAINST Dr Clive Peedell, South Tees Hospitals NHS Foundation Trust</p> | <p>British Society of Skeletal Radiologists: Musculoskeletal (MSK) radiology (continued)</p> <p>Common paediatric MSK conditions Dr Karl Johnson, Birmingham Children's Hospital NHS Foundation Trust</p> <p>Soft tissue and bone lesions. When to refer and why? Dr Raj Sinha, The Newcastle upon Tyne Hospitals NHS Foundation Trust</p> | <p>British Society of Gastrointestinal and Abdominal Radiologists: Tips and tricks for the colorectal multi-disciplinary team (MDT) meeting (continued)</p> <p>Post therapy assessment Dr Jamie Franklin, The Royal Bournemouth and Christchurch Hospitals NHS Foundation Trust</p> <p>Complex and recurrent rectal cancer - what is possible Dr Alison Corr, London North West Healthcare NHS Trust</p> |
| 13:00–14:00 | Lunch | | | | | |
| 14:00–14:45 | <p>George Edelsytn lecture: Learning from every patient treated Professor Marcel Van Herk, Chair in Radiotherapy Physics, The Christie NHS Foundation Trust and University of Manchester</p> | | | | | |

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| 15:00–16:00 | <p>Advances in technology and the impact on breast imaging Chair: Dr Nisha Sharma</p> <p>Elastography – is it the future? Professor Andy Evans, Professor of Breast imaging Dundee University, NHS Tayside</p> <p>Advances in positron emission tomograph-computed tomography (PET-CT) Professor Iain Lyburn, Gloucestershire Hospitals NHS Foundation Trust</p> | <p>Paediatric stroke and vascular disease Chair: Professor Stavros Stivaros</p> <p>Neurovascular neurosurgery Professor Ian Kamaly-Asl, Professor of Paediatric Neurosurgery, Manchester University NHS Foundation Trust</p> <p>Neurovascular neurology Dr Grace Vassallo, Consultant Paediatric Neurologist and Lead Clinician for the Northwest Paediatric Neurovascular Network</p> <p>Paediatric neuroradiology in vascular disease Professor Stavros Stivaros, Manchester University NHS Foundation Trust</p> | <p>Imaging of coronary artery disease – is one test enough? Chairs: Dr Declan O'Regan and Dr Michelle Mak</p> <p>Assessment of patients with stable chest pain: should computed tomography (CT) be the gatekeeper to invasive angiography? Dr Michelle Williams, University of Edinburgh</p> <p>Patient-specific modelling of coronary flow: bringing FFRCT to the NHS Dr Charles Taylor, Founder, Chief Technology Officer, HeartFlow Inc</p> <p>Stress perfusion magnetic resonance imaging (MRI): do the NICE guidelines get it right? Professor Sven Plein, University of Leeds</p> | <p>Emerging evidence for radiotherapy immunotherapy combinations in treating Chair: Professor Matthew Hatton</p> <p>Stage I thoracic malignancies Dr Kevin Franks, Leeds Teaching Hospitals NHS Trust</p> <p>Stage III thoracic malignancies Professor Corinne Fivre-Finn, Professor of Thoracic Radiation Oncology, The Christie NHS Foundation Trust, Manchester</p> <p>Stage IV oligo-metastatic Dr Fiona McDonald, The Royal Marsden NHS Foundation Trust, Sutton</p> <p>Stage IV disseminated lung cancer Dr Merina Ahmed, The Royal Marsden NHS Foundation Trust and ICR Honorary Faculty</p> | <p><i>iRefer</i> Clinical Decision Support System – the UK experience Chair: Dr Rowena Johnson</p> <p>This session will provide an insight into the UK piloting of <i>iRefer</i> CDS to date and how the RCR intends to keep content current. The experiences of some of those involved will be shared and there will be a focus on issues that have arisen, requirements for successful implementation and the benefits/impact of using the <i>iRefer</i> CDS.</p> | <p>British Society of Interventional Radiologists: Tips and tricks for imaging guided biopsy and drainage Led by: Dr Timothy Bryant</p> <p>Case based interactive workshop with individual Osirix workstations will provide an overview of biopsies and drainages and include tips and tricks on technique and management of complex cases.</p> <p>Faculty include: Dr Timothy Bryant, University Hospital Southampton NHS Foundation Trust Dr Anthony Higginson, Portsmouth Hospitals NHS Trust Dr Raj Bhat, NHS Tayside. Dundee</p> |
| 16:00–16:30 | Coffee | | | | | |
| 16:30–17:30 | <p>Advances in technology and the impact on breast imaging (continued)</p> <p>Role of artificial intelligence (AI) in breast imaging Dr Hugh Harvey, Clinical Director, Kheiron Medical Technologies</p> <p>Contrast enhanced spectral mammography Dr Jonathan James, Nottingham University Hospitals NHS Trust</p> <p>Discussion and close of session Dr Nisha Sharma, Leeds Teaching Hospitals NHS Trust</p> | <p>Imaging stroke and adult stroke intervention Chair: Professor Stavros Stivaros</p> <p>Ischaemic stroke Dr Tilak Das, Cambridge University Hospitals NHS Foundation Trust</p> <p>Haemorrhagic stroke Dr Dan Connolly, Sheffield Teaching Hospitals NHS Foundation Trust</p> <p>Stroke intervention Dr Hannah Stockley, Salford Royal NHS Foundation Trust, Northern Care Alliance NHS Group</p> | <p>Imaging of coronary artery disease – is one test enough? (continued)</p> <p>Hybrid magnetic resonance (MR)/positron emission tomography (PET) in coronary artery disease: future applications Dr Marc Dweck, University of Edinburgh</p> <p>Imaging of acute coronary syndromes Dr Tarun Mittal, Imperial College Healthcare NHS Trust, London</p> <p>Will artificial intelligence (AI) transform the diagnosis of coronary artery disease? Professor Paul Leeson, Professor of Cardiovascular Medicine, University of Oxford</p> | <p>Lung cancer radiotherapy outlining workshop Led by: Professor Matthew Hatton and Dr Ahmed Salem</p> <p>This outlining workshop will use the RCR radiotherapy outlining platform and will involve pre-registration and a small amount of work to be done in advance of the meeting, so please ensure this session is selected when registering for RCR19. Delegates must bring their own laptops.</p> | <p>British Society of Paediatric Radiology: Paediatric MRI for general radiologists – tips and tricks Chair: Dr Joanna Kasznia-Brown</p> <p>Central nervous system imaging (CNS) imaging Dr Fionnan Williams, Birmingham Children's Hospital NHS Foundation Trust</p> <p>Musculoskeletal imaging Dr Karl Johnson, Birmingham Children's Hospital NHS Foundation Trust</p> <p>Central nervous system imaging Dr Oystein Olsen, Great Ormond Street Hospital for Children NHS Trust, London</p> | <p>Sponsored workshop</p> |
| 17:40–18:30 | <p>QUIZ: Come diagnose with me - a light hearted quiz designed to probe the depths of your radiological (and non-radiological) knowledge. It's CPD jim, but not as we know it! Dr Ian Zealley, NHS Tayside Dundee and Dr Jonathan Weir-McCall, University of Cambridge</p> | | | | | |
| 18:30 | Drinks reception | | | | | |