

Congress overview - WEDNESDAY 4 JULY ASSET MANAGEMENT DAY							Ultrasound	FRCR	Demo zone	Exhibition Lecture						
08.00-18.00 REGISTRATION OPEN																
08:00										08:00						
08:10										08:10						
08:20										08:20						
08:30	I1	I2	I3	I4	I5	I6				08:30						
08:40	UKRO	MSK	Education	PET-CT	Neuro	Service delivery				08:40						
08:50	Adaptive radiotherapy	Imaging in sport	The new radiographers Generation Z			MR service optimisation				08:50						
09:00										09:00						
09:10										09:10						
09:20										09:20						
09:30										09:30						
09:40										09:40						
09:50	Refreshments, poster tours, exhibition and education on stands										09:50					
10:00											10:00					
10:10	Joint UKRCO debate - Knowledge: How much is too much? Chair: <i>Paul McCoubrie</i> Speakers: Ethicist: <i>Stacy Carter</i> , Lawyer: <i>Daniel Sokol</i> , Geneticist: <i>Katie Snape</i>										10:10					
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11:20	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	11:20					
11:30	UKRO	Interventional Radiology	Multisystem	Molecular imaging	Neuro	Service delivery	Imaging technologies	RPS	Research	Head and neck & Neuro	Understanding Asset Management					
11:40	Protons		Personalised imaging and therapy	PET-CT	AI and imaging	Evolution or revolution	Molecular radiotherapy	Implementing IRMER 18	HRA Practical tips	proffered papers						
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13:00	COR - Welbeck Memorial Lecture			Lunch, exhibition and education on stands			IPEM - Douglas Lea Lecture				13:00					
13:10	Penny Owens						Kevin Prise				13:10					
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14:20	K1	K2	K3	K4	K5	K6	K7				14:20					
14:30	UKRO	MSK	Education proffered papers	Molecular imaging	Neuro	BAMRR	Informatics				14:30					
14:40	SABR				OsiriX		Making data work for you				14:40					
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17:00											17:00					

EXHIBITION OPENS 09.20

FRCR drop in sessions

Understanding Asset Management

FRCR drop in sessions

You want it... but how might you get it

EXHIBITION CLOSES 14.00

Congress programme - **Wednesday 4 July**

Morning sessions I:

08.20 – 09.40

I1
UKRO

Adaptive radiotherapy
Update of next generation radiotherapy treatment - Anthea Cree, *Clinical Research Fellow in Adaptive Radiotherapy, The Christie NHS Foundation Trust, UK*
Adaptive RT developments - Marcel van Herck, *Chair in Radiotherapy Physics, The University of Manchester, UK*

I2
MSK

Imaging in sport
Chair: Amanda Isaac, *Consultant Musculoskeletal Radiologist, Guy's & St Thomas' Hospitals NHS Foundation Trust, UK*
Sports injuries in the hand and wrist - Ramy Mansour, *Musculoskeletal Consultant Radiologist, Oxford University Hospitals NHS Trust, UK*
PLAC injuries, clinical implications - Ernest Schilders, *Consultant Orthopaedic Surgeon, Fortius Clinic, UK*
Sporting injuries around the knee - Speaker TBC
Ankle injuries, getting back to sport - Maryam Shahabpour, *Head of Clinics of Musculoskeletal Imaging, Universitair Ziekenhuis Brussel, Belgium*

I3
Education

Educating a new generation of radiographers
Chair: Janice St. John-Matthews, *Academic Director, Department of Allied Health Professions, The University of the West of England, Bristol, UK*
Generation Z - Jessica Coggins, *Executive Assistant to AHP Head of Department, The University of the West of England, Bristol, UK*
Exploring the role of a coaching approach in the student support 'toolkit' - Julie de Witt, *Senior Lecturer Diagnostic Imaging, University of Derby, UK*
Building for the future - Laying the foundations with an innovative diagnostic imaging pre-registration module - Kerry Mills, *Senior Lecturer Diagnostic Imaging/Radiography Emergency Care Practitioner, University of the West of England, Bristol, UK*
Our approach to supporting specialist post qualification training within the clinical workplace - Darren Hudson, *MRI Clinical Lead, InHealth Group, UK*

I3
Education

continued
Overview of session: With Generation Z entering the healthcare workforce it is the first time that four generations are working together. This session will discuss each generation and introduce the audience to the role of coaching in supporting the development of leadership qualities in pre-registration learners. The session will also highlight innovative teaching models including preparing pre-registration learners for advanced practice roles and a graduate preceptorship programme that supports the transition into specialist areas of practice.

I4
Molecular imaging

PET-CT
Chair: Kamna Mehta, *Consultant Radiologist, Lancashire Teaching Hospitals NHS Foundation Trust, UK*
Overview of PET-CT services - Clare Beadsmoore, *Consultant Radiologist, Norfolk and Norwich University Hospital, UK*
Preparation, protocols and pitfalls - Bal Sanghera, *Clinical Scientist, Paul Strickland Scanner Centre, Mount Vernon Hospital, UK*
Recent advances in hybrid imaging - Prakash Manoharan, *Consultant Radiologist and Nuclear Medicine Physician, The Christie NHS Foundation Trust, UK*
Role of PET-CT in Upper GI and colorectal malignancies - Rohit Kochhar, *Consultant Radiologist, The Christie NHS Foundation Trust, UK*

I5
Neuro

Neuro
Chair: Stavros Stivaros, *Clinical Senior Lecturer, The University of Manchester, UK*
Neuroradiology CTA and MRA - Brynmor Jones, *Consultant Neuroradiologist, Imperial College Healthcare NHS Trust, UK*
Imaging of the spinal tumours - Priya Bhatnagar, *Consultant Neuroradiologist, The Newcastle upon Tyne Hospitals NHS Foundation Trust, UK*

I6
Service delivery

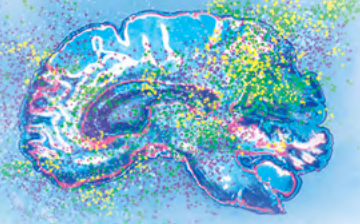
MRI service optimisation
Chair: Jonathan Coupland, *Clinical Application Specialist MRI, Philips Healthcare, UK*
New sequences and MR techniques for 2018 - Jonathan Coupland, *Clinical Application Specialist MRI, Philips Healthcare, UK*

I6
Service delivery

continued
Optimising patient throughput in MRI - Michelle Griffiths, *MR Radiographer, Calderdale and Huddersfield Foundation NHS Trust, UK*
MRI safety in 2018 - Barbara Nugent, *Superintendent Radiographer, NHS Lothian, UK*
Delivering a mobile MRI service in the NHS - Katie Taylor, *Director of Operations, Medical Imaging Partnership, UK*
Overview of session: MRI services continue to grow, and improving efficiency whilst maintaining quality and patient focus remains a key priority. This session will provide delegates with up to date knowledge about MR service delivery.

I7
Proffered papers

Body imaging proffered papers
Chair: TBC
Histological success rate of transjugular liver biopsies - Nagushan Abimanue, *Doctor, Queens Medical Centre, Nottingham University Hospitals, UK*
Fluoroscopic imaging appearances in bariatric surgery - Christopher Marsh, *Advanced Practitioner Radiographer, University Hospitals of North Midlands, UK*
Migrating intra-abdominal mass on CT and MRI: Radiological appearances of large peritoneal loose bodies - Kyungmin Kim, *Foundation Doctor, The Pennine Acute Hospitals NHS Trust, UK*
A pictorial review of the role of multiparametric renal MRI in investigating renal masses
Liverpool healthy lung project: Radiologist perspective - John Spillane, *Radiology Registrar, North Bristol Trust, UK*
Low diagnostic yield of haemoptysis referred initially for chest radiograph in the detection of lung cancer - John Holemans, *Consultant Radiologist, Liverpool Heart & Chest Hospital, UK*
An audit of lung cancer detection and the role of the radiology department within a large teaching hospital - Meghavi Mashar, *Oxford University Hospitals NHS Foundation Trust, UK*
FDG PET-CT in haematological cancers: Are we adhering to RCR and NICE guidelines? - Pia Charters, *Registrar (ST1), Severn Deanery/University Hospitals Bristol, UK*



Congress programme - Wednesday 4 July

From 09.40 Refreshments and exhibition, poster viewing, demo sessions and education on the stands

10.10 – 11.10 JOINT UKRCO DEBATE

Knowledge: How much is too much?

Chair: Paul McCoubrie, Consultant Clinical Radiologist, North Bristol NHS Trust, UK

Speakers:

Ethicist: Stacy Carter, Deputy Director Centre for Values, Ethics and the Law in Medicine (VELIM), Sidney University, Australia

Lawyer: Daniel Sokol, Barrister, 12 King's Bench Walk, UK

Geneticist: Katie Snape, Consultant, St George's London and Joint Lead Consultant for Cancer Genetics, SW Thames Regional Genetics Service, UK

GP: Speaker to be confirmed

11.20 – 12.50 EXHIBITION SESSION

Exhibition lecture

Understanding asset management: The replacement rationale

Chair: Pam Black, (ROC board), Head of Radiology, Wirral University Teaching Hospital, UK

What do you mean by asset management?

- Simon Hemsworth, Marketing Manager, GE Healthcare, UK and Karl Blight, General Manager Northern Europe, GE Healthcare, UK

Driving forward advances in imaging technology: Are we responding to service need or technological capability?

- David Wilkins, Head of Marketing, Sales and Communications GB&I, Siemens Healthcare Limited, UK

Equipment lifespan recommendations are really just a money spinner: A debate!

• **Speaking for motion** - Erika Denton, Radiologist, Norfolk & Norwich University Hospitals, UK

• **Speaker against the motion** - Peter Harrison, AXREM Chair and Managing Director, Siemens Healthcare Limited, UK

Panel discussion

Morning sessions J:

11.20 – 12.50

J1

UKRO

Protons

Should all radiotherapy treatments be delivered by proton therapy? - Anthony Zietman, Radiation Oncologist, Massachusetts General Hospital, USA
UK update on proton therapy - Adrian Crellin, Consultant Clinical Oncologist, The Leeds Teaching Hospitals NHS Trust, UK (invited)

J2

Interventional radiology

Interventional oncology: Recent advances and update on loco regional therapies for primary and secondary liver cancers?

Chair: Alex Horton, Consultant Interventional Radiologist, Royal Surrey County Hospital, UK
SIRT: Radioembolization, what is it, does it work, and most importantly how do we select patients? - Graham Munneke, SIRT Lead and Interventional Radiologist, University College Hospital, UK
Nanoknife: Irreversible electroporation, The ideal ablative technique? Is this a game changer? - Pete Littler, Consultant Interventional Radiologist, The Newcastle upon Tyne Hospitals NHS Foundation Trust, UK
TACE: Chemoembolization in the liver; experience from a tertiary centre - Dylan Lewis, Consultant Radiologist, King's College Hospital NHS Foundation Trust, UK

J3

Multisystem personalised multi-imaging

Personalised imaging and therapy

Chair: Vikas Shah, Consultant Radiologist, University Hospitals of Leicester, UK
Current state and future of AI in delivering personalised radiology - Hugh Harvey, Radiologist, Institute of Cancer Research, London, UK
Translating genomic data to personalised risk assessment and therapy - Katie Snape, Joint Lead Consultant for Cancer Genetics, St George's University Hospitals NHS Foundation Trust, UK
Disease phenotyping using multiparametric imaging - Anwar Padhani, Consultant Radiologist and Professor of Cancer Imaging, East and North Hertfordshire NHS Trust, UK

J3

Multisystem

continued

Personalised disease management - current and emerging role of PET-based molecular imaging - Fahmid Chowdhury, Consultant in Radiology and Nuclear Medicine, Leeds Teaching Hospitals NHS Trust, UK

J4

Molecular imaging

PET-CT

Chair: Kamna Mehta, Consultant Radiologist, Lancashire Teaching Hospitals NHS Foundation Trust, UK
PET in infection and inflammation - Fahmid Chowdhury, Consultant in Radiology and Nuclear Medicine, Leeds Teaching Hospitals NHS Trust, UK
Paediatric PET-CT - Diana Rosof-Williams, Consultant, Royal Preston Hospital, UK
PET in brain tumours - John Cain, Royal Preston Hospital, UK
Incidentalomas in PET-CT - Manil Subesinghe, Guy's and St Thomas' NHS Foundation Trust, UK

J5

Neuro

AI and imaging

Chair: Rizwan Malik, Consultant Radiologist, Royal Bolton Hospital, UK
AI and imaging - Stavros Stivaros, Clinical Senior Lecturer, The University of Manchester, UK

J6

Service delivery

Evolution or revolution: The radiology reporting workforce

Chair: Maryann Hardy, Professor of Radiography & Imaging Practice Research, Faculty of Health Studies, University of Bradford, UK
Developing and integrated reporting team, a decade's experience - Beverly Snaith, Consultant Radiographer, Mid Yorkshire Hospitals NHS Trust/ University of Bradford, UK and Nicholas Spencer, Consultant Radiologist, Mid Yorkshire Hospitals NHS Trust, UK
Shaping standards for the future reporting team - Charlotte Beardmore, Director of Professional Policy, The Society and College of Radiographers, UK and Andrew Smethurst, Medical Director, Professional Practice, Clinical Radiology, The Royal College of Radiologists, UK
Followed by discussion

Congress programme - Wednesday 4 July

J6
Service delivery

continued
Overview of session: Ability to meet growing service needs, coupled with the need for a flexible workforce for the future, means that radiology services must seek solutions which both increase capacity, and recruit and retain the best workforce. This session will present delegates with one Trust's experience and perspective of embracing skill-mix and radiographer advanced practice. Current initiatives by RCR and SOR will be shared, and a lively plenary discussion will be anticipated.

J7
Imaging technologies

Access to molecular radiotherapy
Chair: Heather Williams, Principal Medical Physicist, Christie NHS Foundation Trust, UK
Current access to dosimetry and therapy - Jill Tipping, Medical Physicist, The Christie NHS Foundation Trust, UK
Emerging therapies and their availability - Prakash Manoharan, Consultant Radiologist and Nuclear Medicine Physician, The Christie NHS Foundation Trust, UK
Panel discussion and questions
Overview of session: MRT is a growing area, with several new therapies for new applications coming into clinical use in recent years. But how easy is it for patients to access these therapies? This session discusses current and emerging MRT and its availability.

J8
RPS

Implementing IRMER18
Chair: Graham Hart, RPA/LPA, Your RPA, UK
IRMER2018 - What the regulator expects - Rachel Ward, Clinical Specialist Inspector, Care Quality Commission, UK
Challenges in the implementation of IRMER18 - Toni Hall, Radiology Services Manager, Royal Devon and Exeter NHS Foundation Trust, UK
Discussion
Overview of session: The aim of the sessions is to examine the practical implementation of IRMER18 from both the Regulator's and healthcare professional's perspectives.

J9
Research

Practical research tips: Common hurdles and how to climb over them
Chair: Fiona Mellor, Post-Doctoral Research Fellow, London South Bank University, UK
Costing your research: The hidden costs you need to consider - Emily McDougal, Research Delivery Manager (Acting) and Lead Research Nurse, NIHR Clinical Research Network GCP, UK and Chris Rhymes, Lead Nurse, Yorkshire and Humber, NIHR Clinical Research Network, UK
Health Research Authority approval processes: Tips for successfully gaining your approval - Chris Cannaby, Head of Assessment & Assurance, Health Research Authority, UK
Clinical Research Network portfolio adoption for your study: what are the advantages and how do you get it? - Emily McDougal, Research Delivery Manager (Acting) and Lead Research Nurse, NIHR Clinical Research Network GCP, UK and Chris Rhymes, Lead Nurse, Yorkshire and Humber, NIHR Clinical Research Network, UK
Active research participation and monitoring: Why investment in a research radiographer could be a real money spinner - Beverly Snaith, Consultant Radiographer, Mid Yorkshire Hospitals NHS Trust/University of Bradford, UK

J10
Proffered papers

Head and neck & neuro proffered papers
Chair: TBC
High-resolution ultrasound of the larynx: Imaging technique, normal anatomy and spectrum of disease - Ziyad Saloojee, University College London Hospitals NHS Foundation Trust, UK
Orbital ultrasound: The good, the bad and the ugly - Lydia Guthrie, SpR, Cwm Taf University Health Board, UK
The evaluation and further investigation of thyroid nodules in accordance with the British Thyroid Association guidelines - Veena Vishwanath, ST3 Radiology Registrar, Central Manchester Foundation NHS Trust, UK
Ultrasound-guided core biopsy as a preferred diagnostic technique for lymphoma - experience from a specialist centre - Ziyad Saloojee, University College London Hospitals NHS Foundation Trust, UK

J10
Proffered papers

continued
Learning from error in neuroradiology - Muhammad Yaman Adi, Radiology Registrar, Plymouth Hospitals NHS Trust, UK
Imaging on time, when 'time is brain': A case study and image series outlining rapid and safe mechanical thrombectomy in hyperacute stroke - Ganeshan Ramsamy, University Hospitals Birmingham NHS Foundation Trust, UK
The mysterious cavern: Normal cross-sectional imaging appearances of the cavernous sinus - Hannah Marsh, ST4 Radiology, North Bristol NHS Trust, UK
South West survey on the use of MRI for cholesteatoma follow up - Anthony George, Radiology Consultant, Torbay and South Devon NHS Trust, UK

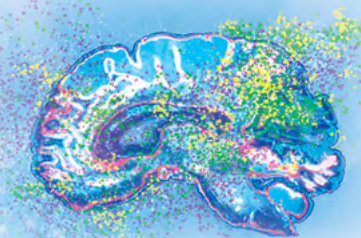
12.50 – 14.00 EXHIBITION SESSION

Exhibition lecture

You want it...but how might you get it? Insights into business case options
Chair: Andrea Brammer, Risk Manager and Paediatric Radiographer, Manchester University NHS Foundation Trust
The push for joint procurement: Getting more bang for your buck! - Pam Black, (ROC board), Head of Radiology, Wirral University Teaching Hospital, UK
How to convince the hospital executive team and Director of Finance to part with their money! - Matthew Horner, Director of Finance, Bradford Teaching Hospitals NHS Foundation Trust, UK
Tips for business cases - Clive Kay, CEO, Bradford Teaching Hospitals Trust, UK
An alternative approach to funding and delivering capital equipment replacement - Jason Long, Business Development Director, Althea UK and Ireland Ltd, UK
Discussion

From 12.40

Lunch, exhibition and education on the stands



Congress programme - Wednesday 4 July

13.00 – 13.50 SOCIETY KEYNOTE LECTURES

COR - Welbeck Memorial Lecture

Penny Owens, Radiology Manager, Derby Teaching Hospitals NHS Foundation Trust, UK

IPEM - Douglas Lea Lecture

Kevin Prise, Professor of Radiation Biology, Centre for Cancer Research & Cell Biology, Queen's University Belfast, UK

Afternoon sessions K:

14.10 – 15.30

K1

UKRO

Closing plenary session

Stereotactic Ablative Radiotherapy for metastatic cancers: New standard, or false hope? - *David Palma, Radiation Oncologist/OICR Clinician-Scientist, London Health Sciences Centre, London, Canada, UK*
SABR for Oligoprogressive disease - helping systemic therapy go the extra mile... - *Daniel Gomez, Department of Radiation Oncology, Division of Radiation Oncology, The University of Texas MD Anderson Cancer Center, USA*

K2

MSK

The future of MSK radiology

Chair: David Silver, President of British Society of Skeletal Radiologists and Consultant MSK Radiologist, Devon, UK

Training in MSK radiology - *Danoob Dalili, Radiology Specialist Registrar, Imperial College Healthcare NHS Trust, UK*

Evolving technologies in MSK - *Amanda Isaac, Consultant Musculoskeletal Radiologist, Guy's & St Thomas' Hospitals NHS Foundation Trust, UK*

Coding of procedures in MSK - *Andrew Carne, CIO and Consultant MSK Radiologist, Royal Surrey County Hospital, Guildford, UK*

MSK Radiology by Allied health professionals et al - *Phil O'Connor, Consultant Musculoskeletal Radiologist and Director of NIHR Leeds Musculoskeletal Biomedical Imaging Unit, Leeds Teaching Hospitals, UK*

Overview of session: A look at where MSK radiology is heading, chaired by the President of the BSSR, and considering a broad aspect of factors that will affect how this sub-specialty evolves.

K3

Proffered papers

Education and development proffered papers

Chair: TBC

Detecting and reporting domestic abuse of the elderly: Mapping the concerns of experienced radiographers - *Paul Miller, University of Cumbria, UK*
A comparison of diagnostic accuracy of parallel imaging versus conventional imaging in MRI practice: A systematic review - *John Paul Sahibbil, InHealth, UK*

Transition from assistant practitioner to radiographer - *Emma Murdock, Radiographer, Hull & East Yorkshire Hospitals NHS Trust, UK*

The impact of a near-peer radiology teaching course on medical students' confidence at image interpretation and presentation at a district general hospital - *Ruhaid Khurram, Medical Undergraduate, Barts and The London School of Medicine and Dentistry, Queen Mary University of London, UK*

Ensuring accuracy in diagnostic image interpretation: A new programme of peer review for plain film reporting radiographers - *Nicholas Barlow, Advanced Practitioner Radiographer, Mid Yorkshire NHS Trust*

Evaluation of shared teaching across MSC Pre-Registration and BSc (Hons) radiography students - *Alexandra Partner, Deputy Head of Diagnostic Imaging, University of Derby, UK*

A clinical academy for radiographer reporting - The trainee's perspective - *Scott Raine, Senior Radiographer, North Lincolnshire and Goole Foundation Trust, UK*

Supporting newly qualified radiographers: Are we getting it right? - *Jane Harvey-Lloyd, Associate Professor in Diagnostic Radiography, University of Suffolk, UK*

K4

Molecular imaging

Molecular imaging

Chair: Kamna Mehta, Consultant Radiologist, Lancashire Teaching Hospitals NHS Foundation Trust, UK

Imaging infection with SPECT-CT - *John Buscombe, Associate Lecturer, University of Cambridge, UK*

Multimodal imaging in head and neck cancers - *Sriram Vaidyanathan, Consultant Radiologist, Leeds Teaching Hospitals NHS Trust, UK*

NM in dementia - *John Cain, Royal Preston Hospital, UK*

Parathyroid imaging/NM interesting cases - *Ki Yap, Consultant Radiologist, Northampton General Hospital NHS Trust, UK*

K5

Neuro

Neuro OsiriX

Brynmor Jones, Consultant Neuroradiologist, Imperial College Healthcare NHS Trust, UK

K6

BAMRR

BAMRR session - Contemporary practice in MRI

Chair: Janine Sparkes, Past President, BAMRR, UK and Lisa McBain, General Secretary, BAMRR, UK

Magnetic resonance imaging of coeliac disease - *Carolyn Costigan, Principle Research Radiographer, Nottingham University Hospitals NHS Trust, UK*

MRI imaging of fetal and post mortem cases - *Rachel Watt, Lead MRI Superintendent, NHS Grampian, UK*

MR artefact catchphrase - *Martin Graves, Affiliated Lecturer, University of Cambridge School of Clinical Medicine, UK*

K7

Informatics

Making data work for you

Chair: Rizwan Malik, Consultant Radiologist, Royal Bolton Hospital, UK

Dose management systems for optimisation and other benefits - *Matthew Dunn, Head of Radiology Physics, Medical Physics and Clinical Engineering, Nottingham University Hospitals NHS Trust, UK*

Understanding how GDPR will impact the data protection landscape for healthcare in the UK - *Mariel Irvine, Solicitor, London*

Open data - *Julian Tait, Open Data Manchester, UK*

"How big data is currently helping medical practice and innovation" - *Rebecca Pope, Senior Data Scientist, KPMG, UK*

Overview of session: In this session we look to explore different facets of Data Usage and management from its governance to examples of how data analytics promotes better working.

15.30

Close of congress