

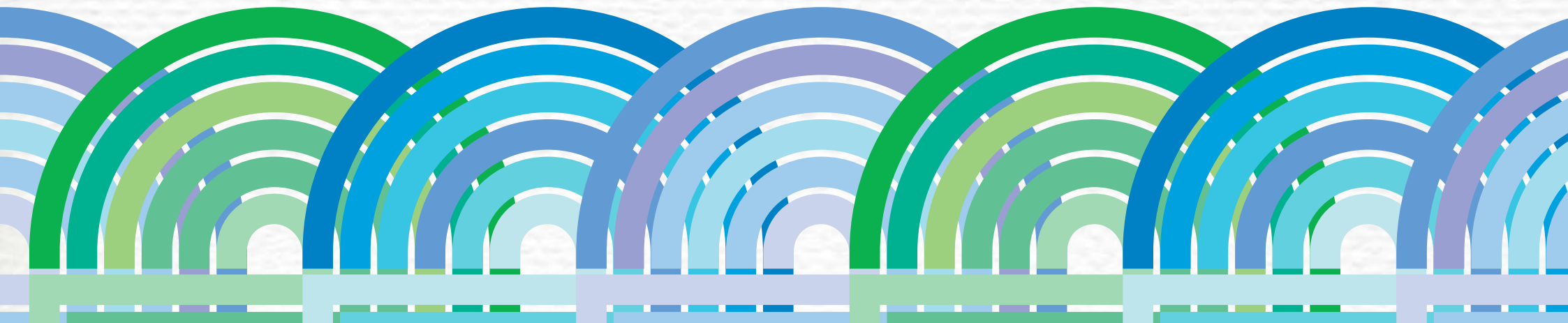
THE ROYAL COLLEGE OF RADIOLOGISTS ANNUAL SCIENTIFIC MEETING 2016

Monday 12–Wednesday 14 September 2016

The Barbican, London

www.rcr.ac.uk/asm

 [#rcrasm2016](https://twitter.com/rcrasm2016)





The ASM 2016 app is now available to download!

If you already have the app from 2015, make sure you have updated it through your Google Play store or Apple App store. If not, download it today! Search for RCR ASM and download to your phone or tablet. You can also view the app online by visiting: <https://events.crowdcompass.com/rcrasm2016>

The ASM 2016 App is a practical resource to help you manage your time at the conference and is packed full of useful information. Between now and the event, the app will be growing with more information including – speakers learning points, sponsor profiles, poster abstracts and further information about the three day meeting.

You will be able to create a personalised schedule – enabling you to choose the lectures that you would like to attend and keep track of the time and locations of your preferred sessions. You can sync your session preferences to your personal calendar. You can also use the App to take notes during lectures which you can email to yourself after the conference. You will need to create your own account simply by clicking on the log in button and registering your email address.

The App will be used during some lectures which feature interactive voting, so make sure you download it before you arrive so that you can participate fully in the day.

Continuing professional development (CPD)

This meeting will be awarded a maximum of the following RCR CPD credits:

Full meeting: 20

Monday: 6

Tuesday: 7

Wednesday: 7 (6 for oncology stream)

Venue information

The Barbican, Silk Street, London, EC2Y 8DS

The Barbican is an award-winning conference and leisure venue that offers first-class facilities and standards of services.

Situated in the City of London, its increased delegate facilities make it the perfect home for the RCR Annual Scientific Meeting 2016.

The Barbican is easily accessible from several major tube (Barbican, Moorgate, St Paul's, Fenchurch Street) and railway stations (Liverpool Street, Euston, Kings Cross) and there is on-site parking.

For interactive maps, full transport details and details of all other facilities including the shops, bars and restaurants that can be found at the Barbican, visit www.barbican.org.uk/visitor-information

2015 ASM testimonials:



- By far the best RCR ASM I have so far attended, both in terms of the venue and planning and the content
- Excellent range of topics covered from which I have learnt a great deal and will use in my clinical practice
- Interesting, appropriate, wide ranging and relevant to current UK experience
- Excellent venue and in good location in Central London
- Everything is of high standard, no space is left which required to be improved
- I have been coming for 15 years, and I always learn something new and useful. It is an excellent meeting



	Lecture stream 1	Lecture stream 2	Lecture stream 3	Stream 4 Interactive workshops	Stream 5 Workshops
08:45–10:00	Registration and coffee				
10:00–11:40	Essential radiology: hot topics <i>Chair: Dr Qaiser Malik</i>	Paediatric heart disease <i>Chairs: Dr Robert Hawkes and Dr Ben Holloway</i>	Chest: update on common themes <i>Chair: Dr Graham Robinson</i>	FRCR trainee part 2B examination workshop <i>Chair: Dr David Richardson</i>	British Society of Head and Neck Imaging: Imaging of head and neck emergencies <i>Chair: Ram Vaidhyanath</i>
	Brain: diffusion-weighted imaging (DWI) it’s more than a stroke tool Dr Fintan Sheerin, Oxford University Hospitals NHS Foundation Trust	Congenital heart disease – where to start on cross sectional imaging Dr Simon McGuirk, Birmingham Children’s Hospital NHS Foundation Trust	Disease mimics Dr Sylvia Worthy, The Newcastle upon Tyne Hospitals NHS Foundation Trust	George and Vera Ansell proffered paper competition	Imaging of orbital, maxillo-facial and skull base trauma Dr Steve Connor, King’s College Hospital NHS Foundation Trust, London
	Paediatric: lumps and bumps Dr Subhasis Chakraborty, Oxford University Hospitals NHS Foundation Trust	Coarctation: from incidental discovery to post-operative repairs James Shambrook, University Hospital Southampton NHS Foundation Trust	Drug related lung disease - a refresher Dr Simon Walsh, King’s College Hospital NHS Foundation Trust, London		Imaging of infection and inflammatory conditions Dr Ram Vaidhyanath, University Hospitals of Leicester NHS Trust
	Abdomen: pancreatic cystic disease – what the generalist needs Dr Ashely Roberts, Cardiff and Vale University University Health Board	Acquired lung disease in children Dr Musa Kaleem, Alder Hey Children’s NHS Foundation Trust, Liverpool	What the non-cardiac radiologist should be reporting Dr Mark Hamilton, University Hospitals Bristol NHS Foundation Trust		Questions
		Interstitial lung disease (ILD) – current concepts Dr Joseph Jacob, Royal Free London NHS Foundation Trust			
11:40–12:00	Coffee				
12:00–13:00	Essential radiology: hot topics (continues)	Paediatric lung disease <i>Chairs: Dr Robert Hawkes and Dr Ben Holloway</i>	Chest: update on common themes (continues) <i>Chair: Dr Simon Walsh</i>	FRCR trainee part 2B examination workshop <i>Chair: Dr David Richardson</i>	British Society of Head and Neck Imaging: Imaging of head and neck emergencies (continues)
	Musculoskeletal (MSK)/trauma: ultrasound-guided MSK intervention Dr Faisal Alyas, Barking Havering and Redbridge Hospitals NHS Trust	Congenital lung lesions in children Dr Krishna Harave, Alder Hey Children’s NHS Foundation Trust, Liverpool	Imaging of the large airways Dr Nick Screaton, Papworth Hospital NHS Foundation Trust, Cambridge	Pre-FRCR 2B examination preparation day. <i>Run by ex-examiners.</i>	Imaging assessment of vascular complications and airway compromise Dr Ashok Adams, Barts Health NHS Trust, London
	Chest: chronic thromboembolic disease Dr Graham Robinson, Royal United Hospitals Bath NHS Foundation Trust	Common post-operative surgical repair of congenital heart defects in computerised tomography (CT) and magnetic resonance imaging (MRI) Dr Mark Hamilton, University Hospitals Bristol NHS Foundation Trust	Imaging of the small airways Dr Sue Copley, Imperial College Healthcare NHS Trust, London	Subjects to be included: • General conduct of the examinations • Use of Osirix software • Demonstration of examples of cases in rapid reporting • Long cases and oral aspects of the examination • Hands-on use of Osirix software	Questions
13:00–14:15	Lunch				
	Session registration for Monday Stream 1-4: please indicate session preference upon registration Stream 5: available on a first come, first served basis on the day				

	Lecture stream 1	Lecture stream 2	Lecture stream 3	Stream 4 Interactive workshops	Stream 5 Workshops
14:15–15:00	2016 Couch Kerley Lecture Predicting tumour behaviour – a role for imaging? Professor Vicky Goh, Chair of Cancer Imaging and Honorary Consultant Radiologist, King's College London and Guy's & St Thomas' Hospitals NHS Foundation Trust				
15:10–16:10	Intensive therapy unit (ITU) imaging <i>Chair: Professor Mark Callaway</i> What ITU needs from radiology Dr Sanjoy Shah, Consultant and Honorary Senior Lecturer in Intensive Care Medicine, University Hospitals Bristol NHS Foundation Trust Imaging the chest in the ITU patient Dr Rebecca Duerden, University Hospital of South Manchester NHS Foundation Trust	Neonatal imaging <i>Chair: Dr Rui Santos</i> Neonatal Clinical Nurse Specialist Neonatal encephalopathy Dr Stavros Stivaros, Central Manchester University Hospitals NHS Foundation Trust Neonatal spine Dr Julia Pavaine, Central Manchester University Hospitals NHS Foundation Trust	Not NICE guidelines <i>Chair: Dr Gerardine Quaghebeur</i> CG176 Head injury: are you head injury compliant and confident? Dr Curtis Offiah, Barts Health NHS Trust, London CG75 Metastatic spinal cord compression: are you compliant with metastatic cord compression? Yes 'you'! Dr Jane Evanson, Barts Health NHS Trust, London	FRCR trainee part 2B examination workshop <i>(continues)</i>	British Society of Urogenital Radiology: Urogenital imaging, pearls, perils and prostates <i>Chair: Dr Faye Cuthbert</i> I wish I hadn't seen that! In the scrotum Dr Jane Belfield, The Royal Liverpool and Broadgreen University Hospitals NHS Trust In the kidney Dr Amit Patel, East and North Hertfordshire NHS Trust In the pelvis? Dr Sarah Swift, Leeds Teaching Hospitals NHS Trust Questions
16:10–16:45	Tea				
16:45–18:30	Intensive therapy unit (ITU) imaging <i>(continues)</i> Imaging the abdomen in the ITU patient Professor Mark Callaway, University Hospitals Bristol NHS Foundation Trust Trauma Dr Shoba Philip, North Bristol NHS Trust Imaging the child Dr Robert Hawkes, Central Manchester University Hospitals NHS Foundation Trust	Neonatal imaging <i>(continues)</i> Emergencies in neonatal chest Dr Rachel Dixon, Central Manchester University Hospitals NHS Foundation Trust Emergencies in neonatal abdomen Dr Thara Persaud, The Adelaide and Meath National Children's Hospital, Dublin Neonatal abdominal tumours Dr Claire Lloyd, Guy's and St Thomas' NHS Foundation Trust, London	Not NICE guidelines <i>(continues)</i> CG137 The epilepsies: which seizure needs imaging? The epilepsy guidelines Dr Daniel Scoffings, Addenbrooke's Hospital, Cambridge CG42 Dementia: does dementia imaging really help? Professor Adam Waldman, University of Edinburgh CG68 Stroke: not 'stroke' again! What has changed? Professor Phil White, Professor of Neuroradiology, Newcastle University Questions	FRCR trainee part 2B examination workshop <i>(continues)</i>	British Society of Urogenital Radiology: Urogenital imaging, pearls, perils and prostates <i>(continues)</i> Pelvic pain in pregnancy Dr Mike Weston, Leeds Teaching Hospitals NHS Trust How to do prostate MRI Dr Jonathan Richenberg, Brighton and Sussex University Hospitals NHS Trust Pitfalls in prostate MRI Dr Steven Kennish, Sheffield Teaching Hospitals NHS Foundation Trust Questions
18:30	End of day Session registration for Monday Stream 1-4: please indicate session preference upon registration Stream 5: available on a first come, first served basis on the day				

	Lecture stream 1	Lecture stream 2	Lecture stream 3	Stream 4 Interactive workshops	Stream 5 Workshops
08:00-08:20	Registration and coffee				
08:30-10:00	MSK impingement syndromes: when moving parts collide <i>Chair: Dr Robert Campbell</i> Mechanisms and imaging of external impingement of the shoulder Dr Catherine McCarthy, Oxford Musculoskeletal Radiology Radiological intervention in external impingement Dr Eugene McNally, Oxford Musculoskeletal Radiology Mechanisms and imaging of internal impingement of the shoulder Dr Andrew Grainger, Leeds Teaching Hospitals NHS Trust Elbow impingement disorders Dr Michael Tuite, Vice Chair, Musculoskeletal Radiology, University of Wisconsin, USA Wrist impingement disorders Dr Robert Campbell, Royal Liverpool and Broadgreen University Hospitals NHS Trust	Essential radiology: incidental findings <i>Chair: Dr Gerardine Quaghebeur</i> Brain: overcall or overkill – neuroradiological vomit Dr Gerardine Quaghebeur, Oxford University Hospitals NHS Foundation Trust Paediatrics: normal findings on plain film Dr Sharon Brown, Yeovil District Hospital NHS Foundation Trust Abdomen: interactive liver lesions Dr Shoba Philip, North Bristol NHS Trust	Inflammation in the abdominal cavity <i>Chair: Dr Andrew Lowe</i> Cholecystitis/cholangitis Dr Raneem Albazaz, Leeds Teaching Hospitals NHS Trust Pancreatitis acute and chronic Dr Peter Wylie, Royal Free London NHS Foundation Trust Hepatitis Professor John Karani, King's College Hospital NHS Foundation Trust, London	British Society of Cardiovascular Imaging: Cardiovascular CT – pot pourri <i>Led by: Dr James Shambrook</i> Cardiovascular CT and MRI review with expert supervision. Faculty includes: Dr Giles Roditi, NHS Greater Glasgow and Clyde	British Society of Head and Neck Imaging: How to set up and run a collaborative ultrasound biopsy <i>Chair: Dr Kit Chow</i> Introduction Dr Kit Chow, Sherwood Forest Hospitals NHS Foundation Trust, Nottingham How to set up a rapid access neck lump system (collaborative ultrasound biopsy service) Dr Kit Chow, Sherwood Forest Hospitals NHS Foundation Trust, Nottingham Radiologists choice of biopsy techniques – core or fine needle aspiration cytology (FNAC) or excision biopsy? Dr David Andrew, Consultant in Dental and Maxillofacial Radiology, Chesterfield Royal Hospital NHS Foundation Trust Collaboration with histopathology – core versus FNAC versus excision biopsy Dr Jyothi Rao, Consultant Histopathologist, Chesterfield Royal Hospital NHS Foundation Trust British Thyroid Association guidelines and interactive quiz on selection of thyroid lesions to biopsy Dr Steve Colley, University Hospitals Birmingham NHS Foundation Trust Collaboration with head and neck surgeons – requirement for the rapid access biopsy system Mr Robert Orr, Maxillo Facial Surgeon, Chesterfield Royal Hospital NHS Foundation Trust Collaboration with heamatologist – requirement for the rapid access biopsy system Dr Emma Welch, Consultant Haematologist, Chesterfield Royal Hospital NHS Foundation Trust Public debate “radiologists can replace head and neck surgeons in the running of a head and neck lump clinic” For the proposal: Dr Jagrit Shah, Nottingham University Hospitals NHS Trust Against the proposal: Mr Nigel Beasley, ENT/Head and Neck Surgeon, Nottingham University Hospitals NHS Trust
10:00-10:30	Coffee				

Session registration for Tuesday

Stream 1-3: please indicate session preference upon registration **Stream 4:** Registration for these workshops will open at 09:15 on Monday 12 September at the Workshop Information Desk on Level 4 at the Barbican

Stream 5: available on a first come, first served basis on the day

	Lecture stream 1	Lecture stream 2	Lecture stream 3	Stream 4 Interactive workshops	Stream 5 Workshops
10:30–12:15	MSK impingement syndromes: when moving parts collide (continues) Imaging of femoroacetabular impingement (FAI) Dr Benjamin Robertson, Chelsea and Westminster Hospital NHS Foundation Trust, London Extra-articular hip impingement disorders Dr Michael Tuite, Vice Chair, Musculoskeletal Radiology, University of Wisconsin, USA Clinical management of FAI Professor Damian Griffin, Professor of Trauma and Orthopaedic Surgery, University of Warwick Anterior ankle impingement Dr Richard Goodwin, Norfolk and Norwich University Hospital NHS Foundation Trust Posterior ankle impingement Dr Rob Pearce, Chelsea and Westminster Hospital NHS Foundation Trust, London Radiological intervention in ankle impingement Dr Andrew Dunn, Royal Liverpool and Broadgreen University Hospitals NHS Trust	Essential radiology: incidental findings (continues) MSK/trauma: non-MSK findings on MSK imaging Dr Sami Khan, Basildon and Thurrock University Hospital NHS Foundation Trust Chest: pulmonary nodules (again): update and guide Dr Anand Devaraj, Royal Brompton and Harefield NHS Foundation Trust, London CT PET: incidental lesions Professor Iain Lyburn, Gloucestershire Hospitals NHS Foundation Trust	Inflammation in the abdominal cavity (continues) Small and large bowel Dr Andrew Plumb, Senior Lecturer in Medical Imaging, University College London Hospitals NHS Foundation Trust Peritoneal/retroperitoneal Dr Harry Bardgett, Bradford Teaching Hospitals NHS Foundation Trust Gynaecological Professor Andrea Rockall, Imperial College Healthcare NHS Trust, London Vascular Dr Teik Choon See, Cambridge University Hospitals NHS Foundation Trust	British Society of Gastrointestinal and Abdominal Radiology: Imaging the gall bladder <i>Led by: Dr Helen Bungay</i> Including management of polyps, detection of carcinoma and added value in acute cholecystitis. Faculty include: Dr Edmund Godfrey, Cambridge University Hospitals NHS Foundation Trust Dr Jamie Franklin, Oxford University Hospitals NHS Foundation Trust Dr Velauthan Rudralingam, University Hospital of South Manchester NHS Foundation Trust	British Society of Paediatric Radiology: Practical emergency paediatric imaging <i>Chair: Dr Greg Irwin</i> Paediatric trauma guidelines Dr Judith Foster, Plymouth Hospitals NHS Trust Practical paediatric CT imaging Dr Kirsteen McDonald, Barts Health NHS Trust, London Emergency paediatric spine and chest imaging Dr Caren Landes, Alder Hey Children's NHS Foundation Trust, Liverpool Emergency paediatric neuro imaging Dr Katharine Foster, Birmingham Children's Hospital NHS Foundation Trust Emergency paediatric gastrointestinal (GI) and genitourinary (GU) imaging Dr John Somers, Nottingham University Hospitals NHS Trust
12:15–13:30	Lunch			British Society of Skeletal Radiologists: Reporting pitfalls in MSK imaging <i>Led by: Dr Robin Proctor and Dr Priya Suresh</i> An interactive workshop covering important and common MSK conditions which are at the interface between general and specialist MSK working. Faculty include: Dr Rick Whitehouse, President, British Society of Skeletal Radiologists, Central Manchester University Hospitals NHS Foundation Trust	

Session registration for Tuesday:

Stream 1-3: please indicate session preference upon registration
Stream 4: Registration for these workshops will open at 09:15 on Monday 12 September at the Workshop Information Desk on Level 4 at the Barbican
Stream 5: available on a first come, first served basis on the day

	Lecture stream 1	Lecture stream 2	Lecture stream 3	Stream 4 Interactive workshops	Stream 5 Workshops
13:30-14:15	2016 Middlemiss Lecture Moving from peer review to peer learning Dr David Larson, Associate Professor of Paediatric Radiology and Associate Chair for Performance Improvement, Department of Radiology, Stanford University Medical Center, USA				
14:30-16:10	Functional imaging <i>Chair: Dr Christina Messiou</i> Whole-body diffusion-weighted MRI in clinical practice Metastatic bone disease Professor Anwar Padhani, The Hillingdon Hospitals NHS Foundation Trust, Middlesex Multiple myeloma Dr Christina Messiou, The Royal Marsden NHS Foundation Trust, Sutton How to set up a whole-body diffusion-weighted MRI service Mrs Sharon Giles, MR Research Radiographer, The Royal Marsden NHS Foundation Trust, Sutton Questions	How do I solve the common problems in radiology? <i>Chair: Dr Teik Choon See</i> Team working with difficult colleagues Dr Megan Joffe, Health Practice Lead, Edgumbe Consultant Group Ltd, Bristol Recurring errors: how to stop them Dr Ian Zealley, NHS Tayside Increasing demand: seven-day working Dr Andrea Phillips, Royal United Hospitals Bath NHS Foundation Trust Delivering quality specialist imaging services Professor Erika Denton, Norfolk and Norwich University Hospital NHS Foundation Trust	Pelvis <i>Chair: Dr Andrew Lowe</i> Right iliac fossa (RIF) pain Dr James Graham, The Newcastle upon Tyne Hospitals NHS Foundation Trust Left iliac fossa (LIF) pain/suprapubic pain Dr Priya Healey, Royal Liverpool and Broadgreen Hospitals NHS Trust The post-operative abdomen and pelvis Dr John Brittenden, Mid-Yorkshire Hospitals NHS Trust Questions	British Society of Interventional Radiology: Out of hours emergency - what the diagnostic radiologist needs to know <i>Led by: Dr Julian Atchley</i> Introduction to session and discussion on Osirix Dr Julian Atchley, Portsmouth Hospitals NHS Trust Thoracic Dr Robert Allison, University Hospital Southampton NHS Trust Foundation Trust Abdominal vascular Dr John Hardman, Royal United Hospitals Bath NHS Foundation Trust Abdominal GI/GU TBC Trauma, musculoskeletal Dr Richard Miles, Portsmouth Hospitals NHS Trust	British Medical Ultrasound Society: Ultrasound - mistakes to avoid <i>Chair: Dr Rhodri M Evans</i> Genito-urinary Dr Simon Freeman, Plymouth Hospitals NHS Trust Abdomen and pelvis Dr Catherine Gutteridge, Plymouth Hospitals NHS Trust Head and neck Dr Rhodri M Evans, Professor of Clinical Imaging, Abertawe Bro Morgannwg, Wales Questions
16:10-16:40	Tea Session registration for Tuesday: Stream 1-3: please indicate session preference upon registration Stream 4: Registration for these workshops will open at 09:15 on Monday 12 September at the Workshop Information Desk on Level 4 at the Barbican Stream 5: available on a first come, first served basis on the day				

	Lecture stream 1	Lecture stream 2	Lecture stream 3	Stream 4 Interactive workshops	Stream 5 Workshops
16:10-16:40	Tea				
16:40-18:00	Functional imaging <i>(continues)</i> Advanced nuclear medicine in clinical practice PET-MRI: now and the future Professor Gary Cook, Professor of PET Imaging, Head of Cancer Imaging, King's College London and Guy's and St Thomas' NHS Foundation Trust Advanced PET-CT applications coming into clinical practice Dr Andrew Scarsbrook, Leeds Teaching Hospitals NHS Trust Questions	How do I solve the common problems in radiology? <i>(continues)</i> Imaging equipment procurement made easy Dr Nicholas Spencer, Mid Yorkshire Hospitals NHS Trust Innovation in radiology reporting Dr Charles House, University College London Hospitals NHS Foundation Trust Outsourcing and insourcing imaging: how to maintain quality? Dr Dan Rose, The Queen Elizabeth Hospital, King's Lynn NHS Foundation Trust and Dr Peter Rowlands, Royal Liverpool and Broadgreen University Hospitals NHS Trust	Pelvis <i>(continues)</i> Gynae: imaging endometriosis/complex adnexal masses Dr Sarah Swift, Leeds Teaching Hospitals NHS Trust Prostate: multi-parametric imaging – certainty, controversy and cases Dr Luke Wheeler, Cardiff and Vale University Health Board MRI rectum assessment of early disease and disease response Professor Gina Brown, Royal Marsden NHS Foundation Trust, Sutton	British Society of Thoracic Imaging: Hands on high-resolution computed tomography (HRCT) <i>Led by: Dr Anand Deveraj</i> Case-based discussion of the different appearances of various interstitial lung and airway diseases Faculty include: Dr Arjun Nair, Guy's and St Thomas' NHS Foundation Trust, London Dr Graham Robinson, Royal United Hospitals Bath NHS Foundation Trust Dr Simon Walsh, King's College Hospital NHS Foundation Trust, London	British Society of Breast Radiology: problem solving in breast <i>Chair: Dr Nisha Sharma</i> Introduction and welcome Dr Nisha Sharma, Leeds Teaching Hospital NHS Trust The role of PET-CT in breast malignancy Professor Iain Lyburn, Gloucestershire Hospitals NHS Foundation Trust The role of tomosynthesis in the assessment clinic Dr Eleanor Cornford, Nottingham University Hospitals NHS Trust Imaging of the axilla Dr Nisha Sharma, Leeds Teaching Hospital NHS Trust
18:00-19:30	Drinks reception				

Session registration for Tuesday:

Stream 1-3: please indicate session preference upon registration **Stream 4:** Registration for these workshops will open at 09:15 on Monday 12 September at the Workshop Information Desk on Level 4 at the Barbican

Stream 5: available on a first come, first served basis on the day

	Lecture stream 1	Lecture stream 2	Lecture stream 3	CO Times	Lecture stream 4 Oncology stream	Stream 4 Interactive workshops	Stream 5 Workshops
08:00-08:20	Registration and coffee						
08:30-10:00	Essential radiology: on-call <i>Chair: Dr Robert Hawkes</i> Brain: why is the scan normal and the patient not? The review areas Dr Mary Gawne-Cain, University Hospital Southampton NHS Foundation Trust Paediatrics: acute neuro cases Dr Tim Taylor, Nottingham University Hospitals NHS Trust Abdomen: acute abdomen Dr Andrew Lowe, Bradford Teaching Hospitals NHS Foundation Trust	Breast <i>Chair: Dr Sarah McWilliams</i> Contrast enhanced spectral mammography Dr Anne Tardivon, Department of Radiology, Institut Curie, France Breast screening and interval cancers Dr Kate Gower Thomas, Breast Test Wales Tomosynthesis Professor Fiona J Gilbert, Cambridge University Hospitals NHS Foundation Trust	Interventional oncology <i>Chairs: Dr Tze Wah and Professor Mark Callaway</i> Interventional oncology (IO): the current IO service provision in the UK and future directions Dr Tze Wah, Leeds Teaching Hospitals NHS Trust Clinical management of liver cancer: the disease modifying IO perspective Dr David Breen, University Hospital Southampton NHS Foundation Trust Clinical management of renal cancer: the disease modifying IO perspective Dr Des Alcorn, Great Glasgow and Clyde NHS Trust Clinical management of lung cancer: the disease modifying IO perspective Dr Mark Anderson, Oxford University Hospitals NHS Foundation Trust	09:30-11:15	Optimising pelvic radiotherapy Welcome and introduction Uncertainties in imaging and radiotherapy to the pelvis Dr Susan Lalondrelle, The Royal Marsden NHS Foundation Trust, Sutton Nodal mapping and target definition in the pelvis: Gynaecological cancer Dr Alexandra Taylor, The Royal Marsden NHS Foundation Trust, London Prostate and bladder cancer Dr John Staffurth, University of Cardiff Lower GI cancer Professor David Sebag-Montefiore, Leeds Cancer Centre, University of Leeds	British Society of Gastrointestinal and Abdominal Radiology: Small bowel MRI workshop <i>Led by: Dr Ian Zealley</i> A comprehensive half-day workshop combining short lectures and longer case review sessions. Faculty include: Dr Stephen Glancy, NHS Lothian Professor Stuart Taylor, Professor of Medical Imaging, University College London Hospitals NHS Foundation Trust	Peer review workshop <i>Chair: Dr Nicola Strickland</i>
10:00-10:30	Coffee						
	Essential radiology: on-call (continues) MSK/trauma: spine and pelvis trauma imaging Dr Muaaze Ahmad, Barts Health NHS Trust, London Chest: triple rule out-opinions and practicalities Dr Russell Bull, The Royal Bournemouth and Christchurch Hospitals NHS Foundation Trust	Breast (continues) Imaging the axilla Dr Fleur Kilburn-Toppin, Cambridge University Hospitals NHS Foundation Trust Shear wave elastography Professor Andrew Evans, Professor of Breast Imaging, Dundee University Questions	Interventional oncology (continues) Round-table debate on future training provision for interventional oncology Participants: Professor Ricky Sharma, Professor of Radiation Oncology, University College London Hospitals NHS Foundation Trust Dr David Breen, University Hospital Southampton NHS Foundation Trust Dr Nicholas Railton, Interventional Oncology United Kingdom Committee Dr William Ramsden, Leeds Teaching Hospitals NHS Trust	11:15-11:35	Coffee	British Society of Gastrointestinal and Abdominal Radiology: Small bowel MRI workshop (continues)	Peer review workshop (continues)

Session registration for Wednesday:
Stream 1-4: please indicate session preference upon registration

Stream 5: Registration for these workshops will open at 09:15 on Monday 12 September at the Workshop Information Desk on Level 4 at the Barbican

Stream 6: available on a first come, first served basis on the day

	Lecture stream 1	Lecture stream 2	Lecture stream 3	CO Times	Lecture stream 4 Oncology stream	Stream 5 Interactive workshops	Stream 6 Workshops
11:35-12:30	RCR Annual General Meeting and College update						
12:30-13:30	Lunch						
12:45-13:15	Lunchtime symposium: CT Radiation dose optimisation and process control Dr David Larson, Associate Professor of Paediatric Radiology and Associate Chair for Performance Improvement, Department of Radiology, Stanford University Medical Center, USA						
13:30-14:15	2016 President's Lecture Oncologic imaging in clinical decision making – the next frontier Professor Hedvig Hricak, Chairman, Department of Radiology, Memorial Sloan Kettering Cancer Center, USA						
14:30-17:00	Advice on how to be a sports radiologist <i>Chair: Dr Phil O'Connor</i> What makes a good sports radiologist? Dr Philip Batty, Isokinetic, London Starting out as a sports radiologist Dr Emma Rowbotham, Leeds Teaching Hospitals NHS Trust How to keep up to date as a sports radiologist Dr Andrew Dunn, Royal Liverpool and Broadgreen University Hospitals NHS Trust Sports imaging USA Dr Michael Tuite, Vice Chair, Musculoskeletal Radiology, University of Wisconsin, USA Imaging at a major sports event Dr Phil O'Connor, Leeds Teaching Hospitals NHS Trust Case-based teaching Dr Robert Campbell, Royal Liverpool and Broadgreen University Hospitals NHS Trust and Dr Phil O'Connor, Leeds Teaching Hospitals NHS Trust	Hot topics <i>Chair: Dr Richard FitzGerald</i> Consultant and junior doctor contracts Dr Anne Carson, Southern Health and Social Care Trust, County Armagh How to support Radiologists new to the NHS Dr Sanjay Vydianath, Royal Wolverhampton Hospitals NHS Trust Collaboration, not competition: the East Midlands Radiology Consortium (EMRAD) experience Dr Tim Taylor, Nottingham University Hospitals NHS Trust NHS Radiology Litigation 1995-2014 Dr Oliver Hulson, Leeds Teaching Hospitals NHS Trust Discussion	Academic session <i>Chair: Professor Fiona J Gilbert</i> Breast imaging Professor Fiona J Gilbert, Cambridge University Hospitals NHS Foundation Trust Abstracts Oncological imaging Professor Vicky Goh, Chair of Cancer Imaging and Honorary Consultant Radiologist, King's College London and Guy's & St Thomas' Hospitals NHS Foundation Trust Abstracts Paediatric imaging Dr Owen Arthurs, Great Ormond Street Hospital for Children NHS Foundation Trust, London Abstracts Secrets of publishing in Clinical Radiology Dr Grant Baxter, Editor in Chief, Clinical Radiology	14:25-15:35	Optimising pelvic radiotherapy (continues) Normal tissue tolerance (and probability models for tissue tolerance) Professor Søren Bentzen, University of Maryland, USA Retreatment of pelvic malignancy with radiotherapy Professor Maria Hawkins, Cancer Research UK and Medical Research Council Oxford Institute for Radiation Oncology	British Society of Gastrointestinal and Abdominal Radiology: Small bowel MRI workshop (repeated)	Interventional Oncology United Kingdom: 4th Pillar of cancer care <i>Chairs: Dr Phil Haslam and Dr David Kay</i> Bone ablation: how I do it Dr Tom Marshall, Norfolk and Norwich University Hospital NHS Foundation Trust Liver ablation: how I do it Dr Peter Littler, The Newcastle upon Tyne Hospitals NHS Foundation Trust Pancreatic ablation: how I do it Dr Praveen Peddu, King's College Hospital, NHS Foundation Trust, London Renal ablation: how I do it Dr David Breen, University Hospital Southampton NHS Foundation Trust Lung ablation: how I do it Dr Mark Anderson, Oxford University Hospitals NHS Foundation Trust
17:00	Meeting close						

Session registration for Wednesday:

Stream 1-4: please indicate session preference upon registration
Stream 5: Registration for these workshops will open at 09:15 on Monday 12 September at the Workshop Information Desk on Level 4 at the Barbican
Stream 6: available on a first come, first served basis on the day

Please return the registration form with payment to:

The Professional Learning and Development Office, The Royal College of Radiologists, 63 Lincoln's Inn Fields, London, WC2A 3JW
Telephone 020 7406 5942
Email conf@rcr.ac.uk

Bookings are accepted on a first come, first served basis. Reduced registration fees are only available to RCR members in good standing on the day this registration form is processed, or booking is made online. Payment must be included with this booking form and cheques made payable to 'The Royal College of Radiologists'. Forms received without payment will be held in reserve until payment is received.

Confirmation of a place will be sent by email within 28 days of payment being received. Please ensure your email address is clearly legible on the application form. If you do not receive confirmation please contact the Professional Learning and Development Office. We strongly advise delegates not to book travel or accommodation until a confirmation has been received.

To arrange an invoice the following must be provided with this form: contact name to whom the invoice should be sent, full contact details.

Cancellation and refund policy

Notice of cancellation must be given in writing or by email to the Conference and Programmes Officer: conf@rcr.ac.uk

Delegates wishing to cancel or transfer a place on a meeting:

On or before Friday 29 July 2016 will be entitled to transfer their fee to another meeting within 12 months or a refund minus a £15 administration fee.

Between Monday 1 August and Friday 26 August 2016 will be entitled to transfer their fee to another meeting within 12 months or a refund minus a £25 administration fee.

On or after Monday 29 August 2016 no transfer or refund permitted.

A refund or transfer of booking cannot be provided in the event of non-attendance due to illness, or for personal or professional reasons.

Data Protection Act

Your name and hospital will be included on the list of participants which will be issued to delegates, speakers, sponsoring companies and other interested parties.

A maximum of 20 RCR CPD credits will awarded for attendance at the full meeting. Additional points can be earned through online lectures, scientific posters and proffered papers.

☐ I have read and understood the College's Terms and Conditions of booking.

☐ Please tick the box if you are happy to receive electronic marketing information from The Royal College of Radiologists

Book online at www.rcr.ac.uk/asm

Registration form

2016 RCR Annual Scientific Meeting: Monday 12 – Wednesday 14 September 2016

Contact details

Title: (Dr/Prof/Mr/Mrs/Ms)		First name:		Surname:	
Grade:		Member/Fellow of the RCR:	Yes ☐	No ☐	
Membership number: (if known)					
Hospital/institution:					
(Please print your details as you wish them to appear on your badge)					
Address:					
		Postcode:			
Daytime telephone:					
Email (for correspondence):					
Special dietary/accessibility requirements:					
Please tick if you would like your contact details to be included in a list provided to sponsors ☐					

Registration fees

	Mon		Tues		Weds		Weds (Oncology)		Full
Consultant member	£251	☐	£251	☐	£251	☐	£251	☐	£668
Consultant non-member	£300	☐	£300	☐	£300	☐	£300	☐	£806
Trainee member (inc. radiographers/retired members)	£193	☐	£193	☐	£193	☐	£193	☐	£467
Trainee non-member	£246	☐	£246	☐	£246	☐	£246	☐	£658
Others (non-medical)	£311	☐	£311	☐	£311	☐	£311	☐	£827

Please note that for delegates interested in attending the 'Oncology' session, these will be held on **Wednesday 14 September**. Members and Fellows who book online at www.rcr.ac.uk will receive a 3% discount on the applicable booking rate.

Payment details

☐ I enclose a cheque for £		made payable to 'The Royal College of Radiologists'
☐ Please debit my card by £		Signature:
Card type:		Card number:
Expiry date:	Security number:	Start date/Issue no:
Full name on card:		
Address where card is registered:		
		Postcode:

2016 RCR Annual Scientific Meeting

Monday 12 – Wednesday 14 September 2016

Monday 12 September				Tuesday 13 September			Wednesday 14 September			
Stream 1	Stream 2	Stream 3	Stream 4	Stream 1	Stream 2	Stream 3	Stream 1	Stream 2	Stream 3	Stream 4 Oncology
☐ Essential radiology: hot topics	☐ Paediatric heart disease	☐ Chest: update on common themes	☐ FRCR examination part 2B workshop	☐ MSK impingement syndromes: when moving parts collide	☐ Essential radiology: incidental findings	☐ Inflammation in the abdominal cavity	☐ Essential radiology: on-call	☐ Breast	☐ Interventional oncology	☐ Optimising pelvic radiotherapy
	☐ Paediatric lung disease			☐ 2016 Middlemiss Lecture			☐ RCR Annual General Meeting and College update			
☐ 2016 Couch Kerley Lecture							☐ 2016 President's Lecture			
☐ ITU imaging	☐ Neonatal imaging	☐ Not NICE guidelines	☐ FRCR examination part 2B workshop	☐ Functional imaging	☐ How do I solve the common problems in radiology?	☐ Pelvis	☐ Advice on how to be a sports radiologist	☐ Political topics	☐ Academic session	☐ Optimising pelvic radiotherapy

Lecture stream registration

Lecture streams 1–4 (Lecture stream 4 on Wednesday only) and the FRCR trainee part 2B examination workshop (Stream 4 on Monday)

In order to allocate appropriately sized rooms, delegates are asked to indicate their session preferences on the grid and return this with their registration form. **Please note this indication is not a reservation or guarantee of a seat in the session.** Admission to these streams will be allocated on first come, first served basis on the day.

Stream 4 Interactive workshops (Tuesday and Wednesday only)

Registration for these workshops will open at 09:15 on Monday 12 September 2016 at the WORKSHOP INFORMATION DESK on LEVEL 4 at the Barbican. Please note that registration for these sessions are on a first come, first served basis only.

Stream 5 Workshops (Monday and Tuesday) and Stream 6 (Wednesday)

These are available on a first come, first served basis on the day and there is no pre-registration option available.