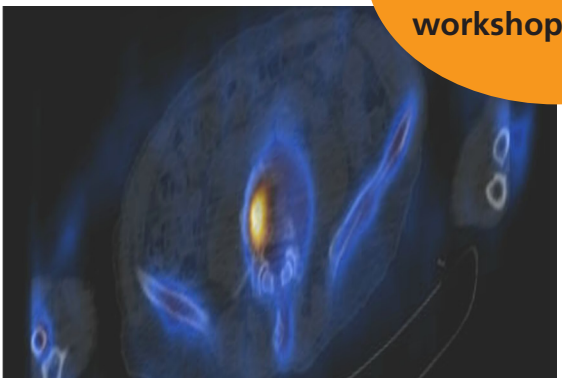
BIR
The British Institute of Radiology

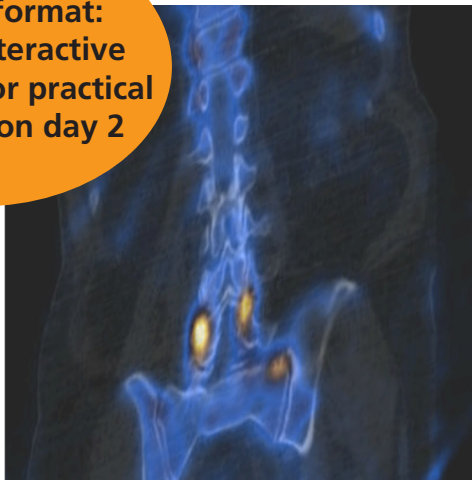
Royal Free London NHS
NHS Foundation Trust

9-10 FEBRUARY 2017

APPROVED BY THE BIR

Upgraded two-day format: Includes interactive masterclass or practical workshop on day 2





6TH ANNUAL SPECT/CT SYMPOSIUM: CURRENT STATUS AND FUTURE DIRECTIONS

Venue: The Royal Society of Medicine, London

CPD: 12 CREDITS

Platinum sponsors

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6TH ANNUAL SPECT/CT SYMPOSIUM: CURRENT STATUS AND FUTURE DIRECTIONS

Venue: Royal Society of Medicine, London

CPD: 12 credits

Following the success of the five previous SPECT/CT symposiums, this event returns for a 6th year with a brand-new upgraded two-day format.

The first day will keep in the successful style of the previous years, consisting of two educational streams: Clinical applications and physics and technical aspects. This day will be delivered through a series of lectures and quiz style sessions to provide the fundamental knowledge and skills on the topic of SPECT/CT imaging.

The second day is a brand new optional extra that will deliver an interactive learning experience to reinforce the knowledge gained on day one. Delegates from each stream will have the option to attend a corresponding interactive event.

Delegates must attend the first day to have the opportunity to attend the second day.

	Clinincal Applications	**Physics and technology**
Day 1 **9 February 2017**	A lecture-based day to provide the fundamental clinical principles of SPECT/CT imaging. Royal Society of Medicine	A lecture-based day to provide the fundamental scientific principles of SPECT/CT imaging. Royal Society of Medicine
Day 2 **10 February 2017**	Interactive bone SPECT/CT masterclass structured to provide delegates with a comprehensive overview of bone SPECT/CT in orthopaedics. Limited to 40 delegates. Royal Society of Medicine	A practical workshop specifically designed for physicists and technologists providing advice on processing and reconstruction, contamination and patient positioning. Limited to 20 delegates. Royal Free London NHS Foundation Trust

This course provides 12 CPD credits in accordance with the CPD Scheme of the Royal College of Radiologists

6TH ANNUAL SPECT/CT SYMPOSIUM: CURRENT STATUS AND FUTURE DIRECTIONS

Registration Fees

DAY 1 ONLY	
BIR Plan 1 member	£145.00
BIR Plan 2 member£	110.00
BIR Trainee member	£65.00
BIR Retired/student member	£55.00
Non BIR member	£250.00
DAY 1 PLUS DAY 2: CLINICAL APPLICATIONS	
BIR Plan 1 member	£280.00
BIR Plan 2 member	£210.00
BIR Trainee member	£150.00
BIR Retired/student member	£140.00
Non BIR member	£390.00
DAY 1 PLUS DAY 2: PHYSICS AND TECHNICAL	
BIR Plan 1 members	£170.00
BIR Plan 2 members	£135.00
BIR Trainee members	£90.00
BIR Retired/student member	£80.00
Non BIR member	£275.00

Join us

Join the BIR today to benefit from reduced delegate rates for our events. For membership information visit: www.bir.org.uk/join-us

CLINICAL APPLICATIONS: DAY 1

Venue: Royal Society of Medicine, London

CPD: 6 credits

Educational aims and objectives:

- Understand specific applications of SPECT/CT in various oncological and non-oncological applications
- Develop best practice consensus: protocols and reporting scans
- Define optimal patient management based on scan results/findings

08:45	**Registration**
09:15	**Welcome and introduction**
	Session 1
	Chair: Dr John Buscombe, Consultant Nuclear Medicine Physician, Addenbrooke's Hospital
09:30	**SPECT/CT in malignant bone disease** Dr Sameer Khan, Consultant Radiologist, Imperial College Healthcare NHS Trust
09:50	**SPECT/CT in cardiac imaging** Dr Deepa Gopalan, Consultant Radiologist, Imperial College Healthcare NHS Trust
10:10	**SPECT/CT in cardiac amyloid imaging** Dr Ann Marie Quigley, Nuclear Medicine Consultant, Royal Free Hampstead NHS Trust
10:30	**Refreshments**
	Session 2
	Chair: Dr Shaunak Navalkissoor, Consultant Nuclear Medicine Physician, Royal Free Hampstead NHS Trust
11:00	**SPECT/CT in infection** Dr John Buscombe, Consultant Nuclear Medicine Physician, Addenbrooke's Hospital
11:20	**SPECT/CT VQ quantification** Dr Kshama Wechalekar, Lead Consultant in Nuclear Medicine, Royal Brompton and Harefield NHS Foundation Trust
11:40	**SPECT/CT in hip pain: Review of literature** Dr Najeeb Ahmed, Consultant in Radionuclide Radiology, Cross-sectional and Hybrid imaging, Hull and East Yorkshire Hospitals NHS Trust
12:00	**SPECT/CT in ankle and feet pain** Dr Ranju Dhawan, Consultant Radiologist, St Mary's Hospital
12:20	**SPECT/CT in wrist and hand pain: Review of literature** Professor Tim Van Den Wyngaert, Nuclear Medicine Physician, Antwerp University Hospital
12:40	**Lunch**
	Session 3
	Chair: Dr W. van der Bruggen, Department of Radiology and Nuclear Medicine, Slingeland Hospital, Doetinchem, The Netherlands
13:40	**Imaging prosthesis** Professor Michael Hirshmann, Knee Surgeon, Kantonsspital Baselland
14:40	**SPECT/CT in post-operative spine** Dr Khulood Al Riyami, Radiologist and Clinical Fellow, University College London
15:10	**Refreshments**
	Session 4
	Chair: Dr Gopinath Gnanasegaran, Consultant Radiologist, Royal Free London NHS Foundation Trust
15:40	**Case-based discussion: Bone SPECT/CT** Dr Frederic Paycha, Nuclear Medicine Physician, Assistance Publique Hopitaux de Paris
17:00	**Close of day**

PHYSICS AND TECHNOLOGY: DAY 1

Venue: Royal Society of Medicine, London

CPD: 6 credits

This day is a lecture-based day to provide the fundamental scientific principles on sPECT/CT imaging. There will be a comprehensive overview of SPECT/CT practice.

08:45	**Registration**
09:15	**Welcome and introduction**
	Session 1
	Chair: Dr Shaunak Navalkissoor, Consultant Nuclear Medicine Physician, Royal Free Hampstead
09:30	**Oncology** Dr Shaunak Navalkissoor, Consultant Nuclear Medicine Physician, Royal Free Hampstead
10:00	**Musculoskeletal SPECT/CT** Dr Gopinath Gnanasegaran, Consultant Radiologist, Royal Free London NHS Foundation Trust
10:30	**Refreshments**
	Session 2
	Chair: Dr Maria Burniston, Principal Nuclear Medicine Physicist, Royal Free London NHS Foundation Trust
11:00	**SPECT/CT quality assurance and quality care** Mr Bruce Walmsley, Principal Physicist, Guy's and St Thomas' NHS Foundation Trust
11:20	**SPECT/CT tips in patient positioning and image acquisition** Mr Enrique Sunga, Nuclear Medicine Technologist, Royal Free London NHS Foundation Trust
11:40	**Quantitative SPECT/CT available software solutions** Dr Lefteris Liveratos, Principal Medical Physicist, Guy's and St Thomas' NHS Foundation Trust
12:00	**Coding and commissioning update** Mr Daniel McCool, Hospital Physicist/ Department Manager, Royal Free Hospital
12:20	**CT and DRLs for SPECT/CT** Dr Maria Burniston, Principal Nuclear Medicine Physicist, Royal Free NHS Trust
12:40	**Lunch**
13:40	**Common artefacts in CT and SPECT/CT** Mr Bruce Walmsley, Principal Physicist, Guy's and St Thomas' NHS Foundation Trust
	Session 3
	Chair: Mr Bruce Walmsley, Clinical Scientist, Guy's and St. Thomas' NHS Foundation Trust
14:00	**Image registration and reconstruction** Mr John Dickson, Head of Clinical Nuclear Medicine Physics, University College London
14:35	**Incidental findings** Dr Vineet Prakash, Consultant Radiologist and Nuclear Medicine Physician, Royal Surrey County and St Peters NHS Foundation Trust
15:10	**Refreshments**
15:30	**SPECT/CT quiz** Mr Bruno Ferreira, Nuclear Medicine Technologist, Royal Free London NHS Foundation Trust
16:15	**Close of day**

CLINICAL APPLICATIONS: DAY 2

Venue: Royal Society of Medicine, London

CPD: 6 credits

Limited to 40 delegates

This day is delivered through interactive sessions on computer workstations.

Educational aims and objectives:

- Define clinical applications of bone SPECT/CT in orthopedics
- Interpret bone SPECT/CT in orthopedics
- Compare the clinical role of bone SPECT/CT with other imaging modalities of the skeleton report in a structured manner

08:30	**Registration**
08:55	**Welcome and introduction**
09:00	**Post operative spine** Professor Tim Van Den Wyngaert, Nuclear Medicine Physician, Antwerp University Hospital Objectives: • Template spinal reporting • Learn about common and advanced pathology and artefacts in post-operative spine
10:30	**Refreshments**
11:00	**Wrist and hand** Dr Ian Pressney, Consultant Radiologist, Royal National Orthopaedic Hospital NHS Trust Objectives: • Template hand and wrist reporting • Learn about common and advanced pathology and artefacts in hand and wrist
12:00	**Foot and ankle** Dr Malavika Nathan, Consultant in Nuclear Medicine and Radiology, Royal Free London NHS Foundation Trust Objectives: • Template foot and ankle reporting • Learn about common and advanced pathology in foot and ankle
13:00	**Lunch**
14:00	**Knees** Dr Arum Parthipun, Consultant Radiologist, Epsom and St Helier University NHS Trust Objectives: • Template knee reporting • Learn about common and advanced pathology in native and prosthetic knee joints
15:00	**Refreshments**
15:30	**Pelvis/Hip** Dr Bhavin Upadhyay, Musculoskeletal Radiology Fellow, Norfolk and Norwich University Hospital Objectives: • Template hip reporting • Learn about common and advanced pathology in native and prosthetic hip joints
16:30	**Close of event**

PHYSICS AND TECHNOLOGY: DAY 2

Venue: Royal Free London NHS Foundation Trust, London

CPD: 6 credits

Limited to 20 delegates

This day is delivered through a practical workshop providing hands-on experience.

Educational aims and objectives:

Identify best SPECT/CT practice through:

- Positioning, protocols, reconstruction and processing
- Artefacts and pitfalls in SPECT/CT
- Image quality and dose optimisation
- Tips and tricks for technologists in SPECT/CT

09:30	**Registration**
10:00	**Welcome and introduction**
10:10	**SPECT/CT in the Royal Free Hospital** Mr Enrique Sunga, Nuclear Medicine Technologist, Royal Free London NHS Foundation Trust
10:40	**Practical implementation of Q/A for SPECT/CT** Mr Caspar Wickham, Nuclear Medicine Physicist, Royal Free London NHS Foundation Trust
11:00	**CT QA, DRLs, image quality and new technology** Ms Jane Edwards, Principal Physicist, Royal Free London NHS Foundation Trust
11:20	**Refreshments**
11:50	**SPECT/CT cases and protocols** Mr Noel Santillan, Nuclear Medicine Technologist, Royal Free London NHS Foundation Trust
12:10	**SPECT/CT issues to consider and contamination** Mr Bruno Ferreira, Nuclear Medicine Technologist, Royal Free London NHS Foundation Trust, Nuclear Medicine Physicist, Royal Free London NHS Foundation Trust
12:30	**SPECT/CT in amyloid** Dr Reimund Vito, Nuclear Medicine Technologist, Royal Free London NHS Foundation Trust
13:00	**Lunch**
14:00	**Interactive quality care application** Mr Caspar Wickham, Nuclear Medicine Physicist, Royal Free London NHS Foundation Trust Ms Jane Edwards, Principal Physicist, Royal Free London NHS Foundation Trust
14:30	**SPECT/CT practical applications** All faculty
15:30	**Close of event**

6TH ANNUAL SPECT/CT SYMPOSIUM: CURRENT STATUS AND FUTURE DIRECTIONS

The Royal Society of Medicine
1 Wimpole Street, London W1G 0AE

BY LONDON UNDERGROUND:
Nearest stations: Central and Jubilee lines to Bond Street (less than 5minutes walk) or Victoria, Bakerloo and Central lines Oxford Circus (less than 5 minutes walk).

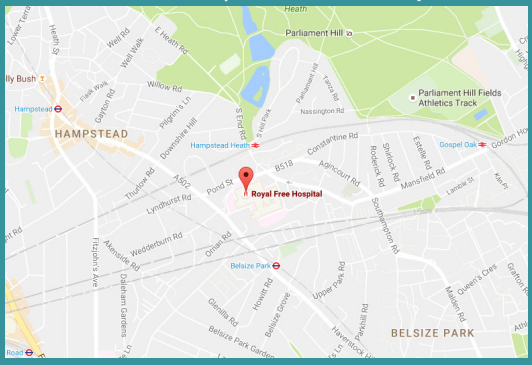
BY BUS
Nearest bus routes: 6, 7, 10, 13, 15, 23, 25, 30, 55, 73, 94, 98, 113, 137, 139, 159, 175, 189, 274, 390 are all within walking distance to the RSM.

BY CAR
The RSM is in the congestion charging zone. Wimpole Street is a one-way street, approached from Henrietta Place.

PARKING NEAR THE RSM
Metered parking is available on the street outside the RSM.
Car parks are located in Cavendish Square and Marylebone Lane, both five minutes walk away. For more information visit the City of Westminster website.

BY FOOT
Wimpole Street is located behind House of Fraser, off Oxford Street.

Royal Free Hospital
Pond Street, London NW3 2QG



BY LONDON UNDERGROUND:
The nearest station to the Royal Free Hospital is Belsize Park station, on the Northern Line. The walk from Belsize Park station to the Royal Free Hospital takes seven minutes. It is partly uphill.

BY TRAIN
Hampstead Heath station is very near to the hospital and is on the London Overground network. The station accepts Oyster cards.

BY BUS
There are lots of buses that pass by the Royal Free Hospital. Bus routes 24, 46, 168, 268 and C11 all serve the hospital.

Please use the TfL journey planner at the top of this section to plan your bus journey.

PARKING AT THE ROYAL FREE HOSPITAL
Parking at the Royal Free Hospital is charged at £3 per hour, 24 hours a day, 7 days a week.

BIR
The British Institute of Radiology

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The British Institute of Radiology

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www.bir.org.uk

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