



CLINICAL DECISION SUPPORT SYSTEMS IN RADIOLOGY –  
DO THEY AFFECT THE APPROPRIATENESS OF REFERRALS?

Venue: Manchester Central Library

CPD: 6 CREDITS

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# CLINICAL DECISION SUPPORT SYSTEMS: DO THEY AFFECT THE APPROPRIATENESS OF REFERRALS?

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Do clinical decision support systems improve patient care?

The UK has a long established set of referral criteria for imaging. However, audits of conventional radiography often indicate areas where there are significant numbers of inappropriate requests, e.g. up to 70% for lumbar spine radiographs. Imaging is included within the "Choosing Wisely" agenda. This project, led by the Academy of Medical Royal Colleges within NHS England, aims to reduce waste by eliminating unnecessary tests.

Nonetheless, the UK currently has a lower frequency of X-ray exposure per head of population than other countries with similar levels of healthcare provision and a national audit in 2013 demonstrated that over 90% of GP requests for CT and MRI scans were appropriate. Good practice has also ensured that the dose associated with imaging involving ionising radiation is amongst the lowest in Europe.

Invited speakers from the radiology and GP communities will debate whether we have achieved an appropriate balance.

09:30	<b>Registration and refreshments</b>		Radiologist, North Middlesex University Hospital NHS Trust
10:00	<b>Welcome and introduction</b> Dr Lorna Sweetman, Clinical Scientist, The Christie NHS Foundation Trust	12:40	<b>Lunch</b>
10:10	<b>Choosing Wisely</b> Dr Ramai Santhirapala, Clinical Advisor, Academy of Medical Royal Colleges	13:40	<b>Providing support at the right time</b> Speaker from MedCurrent
10:40	<b>IRMER and the role of clinical decision support systems</b>	14:10	<b>IT infrastructure to support imaging</b>
11:10	<b>Refreshments</b>	14:40	<b>Refreshments</b>
11:40	<b>GP imaging referrals</b>	15:10	<b>Experience from Manchester lung cancer screening</b>
12:10	<b>Creating the right guidance</b> Dr Denis Remedios, Consultant	15:40	<b>Discussion</b>
		16:00	<b>Close of event</b>

30 MARCH  
2017

## Meet the committee

Dr Lorna Sweetman, Clinical Scientist,  
The Christie NHS Foundation Trust

Dr Elspeth Whitby, Senior Lecturer  
University of Sheffield

Dr Alaa Jaly, ST5 Radiology, North  
Manchester General Hospital

Mrs Catherine Rock, Clinical  
Development Leader

Mr Stewart Whitely, Radiology  
Advisor, Radiology Advisory Services

Dr Syahminan Suut, Consultant  
Radiologist, Salford Royal NHS  
Foundation Trust

Mrs Gail Jefferson, Clinical Lecturer,  
University of Cumbria

## The Branch chair



Lorna Sweetman

Lorna Sweetman is a Clinical Scientist and Radiation Protection Adviser and head of the Diagnostic Radiology and Radiation Protection Section of Christie Medical Physics and Engineering.

She started working in Radiation Protection in 2003, while completing a PhD in transcranial Doppler ultrasound at University Hospitals of Leicester.

Since 2009 she has been involved in physics teaching for the North West Deanery School of Radiology (Manchester Radiology Training Scheme) as well as running regional courses for Radiation Protection Supervisors and Cardiology trainees.

## Registration Fees

BIR Plan 1 member: £125

BIR Plan 2 member: £90

BIR member: Trainee £65

BIR member: Retired/Student £55

Non-member: Consultant or equivalent £175

Non-member: Non Consultant £140

Non-member: Trainee £100

Non-member: Retired/Student £80

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# CLINICAL DECISION SUPPORT SYSTEMS IN RADIOLOGY – DO THEY AFFECT THE APPROPRIATENESS OF REFERRALS?

Venue: Manchester Central Library

St Peters Square, Manchester City  
Centre, M2 5PD



Located right in the centre of the city and we are easily reached via Manchester's extensive multi-modal transport network.

## BY TRAIN

It takes a little over two hours to reach Manchester from London and Manchester also has direct connections to most major UK cities. Services arrive at Piccadilly or Victoria stations where passengers can connect with Metrolink trams for easy access to the city centre. Central Library is a 15 minute walk from Piccadilly Station or just five minutes by taxi.

## METROLINK

The city's Metrolink network is expanding and currently the nearest stop to Central Library is Deansgate-Castlefield. From there, we're just a few minutes on foot.

## TAXIS

The closet taxi rank is based on Albert Square, opposite the Town Hall. Black cab taxis are readily available at both Piccadilly and Victoria train stations