

**Registration opens on 1st April 2024**

**Please complete all the boxes on the form in capitals.** The details you provide on this form will be used for all correspondence and to complete your certificate.

Surname		
Forename(s)		
Job Title		
Department		
Organisation		
Specialty - please circle: Diagnostic Radiographer / Therapy Radiographer / Physicist / Oncologist / Other		
Address		Postcode
Email Address Please provide your professional email address		
Telephone No.		
I will be paying the fee of <b>£300/€351 early bird - £350/€409 after 15/7/24</b> Invoice / BACS/Credit Card* (delete as applicable)		
Invoice: <b>Please raise purchase order</b> to The Institute of Cancer Research, 123 Brompton Road, London, SW7 3RP.		
<b>PLEASE CONFIRM YOUR CORRECT INVOICING ADDRESS</b>		
BACS/CC*: Please contact the course secretary if you wish to pay by these method.		
<b>Please confirm you are happy for your name, email address and organisation name to be passed onto the course lecturers and other delegates attending the MRIgRT Course by way of an attendee list.</b>	Y	N
<b>Do you have any dietary requirements? If yes please specify:</b> We may not be able to cater for anyone who does not inform us of specific dietary requirements ahead of the course.	Y	N
<b>Do you require any special assistance? If yes please specify:</b>	Y	N
<b>How did you hear about this course? *Advert- name of publication or medium _____ - /colleague/word of mouth/other _____ please specify</b>		
<b>*Delete those that do not apply, thank you.</b>		

Places are limited so early booking is advised. <b>Registration closing date is 12<sup>th</sup> August 2024</b>	Payment details	
	Early Bird Rate Before 15 <sup>th</sup> July 2024	Received after 15 <sup>th</sup> July 2024
2 Day Course The cost includes course materials, lunches and light refreshments.	£300 €351	£350 €409

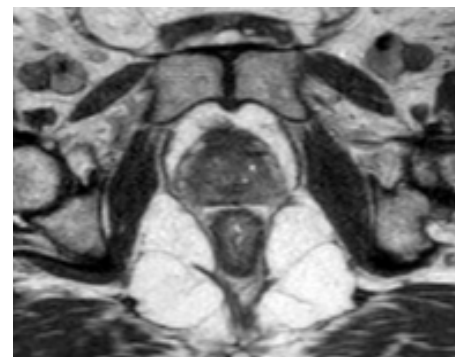
The ROYAL MARSDEN  
NHS Foundation Trust

ICR The Institute of  
Cancer Research

# Magnetic Resonance Image Guided Radiotherapy (MRIgRT) in clinical practice

**Mon 23<sup>rd</sup> & Tues 24<sup>th</sup> September 2024**

The Institute of Cancer Research and  
The Royal Marsden NHS Foundation Trust  
Sutton, SM2 5PT



**IPEM**  
Approved



This may help to support outcomes CoR-01,02,03,06,07,09,11,12, & 19 of CPD Now. CPD for radiographers and other allied health professions regulated by the HCPC is learning outcomes based, rather than points/credits/hours accumulating. This Course provides CPD credits in accordance with CPD Scheme of RCR.

## Course description

An opportunity to broaden your understanding of the use of MR to inform radiotherapy planning and treatment verification. We invite you to join us to hear from leading practitioners in the field. There will be opportunity to develop skills and share knowledge with other professionals involved in MR.

This two day course aims to improve understanding of MRIgRT focusing on knowledge and skills required to support current needs in radiotherapy. The course will include taught and practical sessions to:

- Improve understanding of the basic principles of MRI
- Build foundation skills to support the increase in demand for MRI simulation
- Develop practical skills with a unique opportunity for 'in room' training demonstrations on Day 1.
- Learn about current clinical pathways and the latest research developments.

## Audience

The development of MR in radiotherapy planning involves close communication with radiology and radiotherapy professionals. This course is aimed at all professionals involved in MR for radiotherapy, including radiographers, physicists and clinicians.

## Course organisers

Dr Helen McNair, Ms Erica Scurr, Dr Shaista Hafeez, Miss Trina Herbert, Prof Uwe Oelfke.

The Royal Marsden NHS Foundation Trust and The Institute of Cancer Research form the largest Comprehensive Cancer Centre in Europe. We are part of an international consortium pioneering the development of treatment on the MR Linac.

Please email completed form to:- [Cheryl.Taylor@icr.ac.uk](mailto:Cheryl.Taylor@icr.ac.uk)  
MRIgRT Secretariat, Physics Dept, The Institute of Cancer Research/Royal Marsden Hospital NHS Foundation Trust, Downs Road, Sutton, Surrey, SM2 5PT.  
Tel: 0208 661 3466. *A list of local accommodation can be supplied upon request.*

## Provisional Lecture List

- The clinical need for MR in radiotherapy
- Image contrast, Resolution and Factors affecting signal-to-noise
- MR Simulation
- MR planning workflow
- MR-CT fusion planning
- Image fusion and dosimetry
- Safety Considerations
- Regional MR in RT – Pelvis,
- Regional MR in RT, Abdomen (liver and pancreas)
- Regional MR in RT, Breast
- Managing motion (4D)
- MR in Brachytherapy
- MR Linac QA
- Diffusion Weighted Imaging (DWI) principles and applications
- Functional Imaging

## Provisional workshop sessions

Workshops will include the previous successful practical demonstration of *MR Simulation, Image acquisition and interpretation, RT set up and safety* with the novel addition of *Sequence and Parameter manipulation and The Adaptive workflow on the MR Linac.*

## Further information

**Venue** – Registration and course lectures will be held at The Institute of Cancer Research, Brookes Lawley Building, 15 Cotswold Road, Sutton, SM2 5NG – the course includes workshops held at The Royal Marsden NHS Foundation Trust, Downs Road, Sutton, SM2 5PT, located on the same site.

For up to date course information please email: [Cheryl.Taylor@icr.ac.uk](mailto:Cheryl.Taylor@icr.ac.uk)

***We use personal information for the purposes of course administration – which includes management of your course registration, processing your payment, communication of course joining information, certificates, post course materials and feedback questionnaire. We also use your contact information to keep you informed of other courses we offer which may be of interest to you. For further information on how we use your personal information, please check our privacy policy at [www.icr.ac.uk/legal/privacy](http://www.icr.ac.uk/legal/privacy) or contact [dataprotectionofficer@icr.ac.uk](mailto:dataprotectionofficer@icr.ac.uk).***