

Registration opens on 1st April 2019

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		
Telephone No.		
I will be paying the fee of £190 by Cheque / Invoice / Credit Card / BACS* (delete as applicable)		
Invoice: Please raise purchase order to The Institute of Cancer Research, 123 Brompton Road, London, SW7 3RP.		
Cheque: Please make cheques payable to : Institute of Cancer Research – Ref - DRIKJHABM		
Credit Card/Debit Card or BACS*: Please contact the course secretary if you wish to pay by this method.		
Contact details of local hotels are available on request, prices start at around £60 per night. Please send me accommodation details	Y	N
Do you have any dietary requirements? If yes please specify:	Y	N
Do you require any special assistance? If yes please specify:	Y	N

Please email or send this form to: MRIgRT Secretariat, Physics Dept, The Institute of Cancer Research/Royal Marsden Hospital NHS Foundation Trust, Downs Road, Sutton, Surrey, SM2 5PT. Email: caroline.saunders@icr.ac.uk Tel: 0208 661 3702

Closing date for registration is **1st September 2019**. Places are limited so early booking is advised.

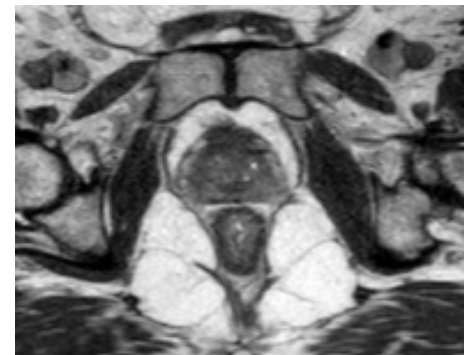
Biomedical Research Centre
at The Royal Marsden NHS Foundation Trust
and The Institute of Cancer Research, London

NHS
National Institute for
Health Research

Magnetic Resonance Image Guided Radiotherapy (MRIgRT)

21st and 22nd October 2019

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



The ROYAL MARSDEN
NHS Foundation Trust

ICR The Institute of
Cancer Research

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 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 hands on sessions
- 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

Further information

For up to date course information email: Caroline.Saunders@icr.ac.uk

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.

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 *Adaptive workflow on the MR Linac and Sequence and Parameter manipulation.*

Course sponsors

Thanks to our course sponsors, Philips and Elekta

