Fees, booking and registration form

Thursday 15th to Saturday 17th April 2025. The cost is £600 per person. A special offer of £1500 is available to cover a team of 3 participants from the same centre, in which case each team member should complete a registration form and the 3 forms should be sent together. (Please photocopy this form if necessary).

Name

Organisation

Specialty: Physicist / Oncologist / Radiographer / Other

Which linac would you use for IGRT and IMRT/VMAT?
Elekta / Siemens / Varian *(please circle)*

Oncologists, which clinical site is your specialty?

Which device(s) do you use for IGRT *(please specify)*

Cone beam / KV –KV/ Exactrac / Tomo CK / MR/Other

Which TPS do you use for IMRT / VMAT *(please specify)*

Circle all that you use VMAT/ Soft Tissue Matching/ Fiducials/ Gating / Breath Hold/ 4D CBCT OTHER *(please specify)*

Which clinical sites?

Address

Postcode (UK)

Telephone/Fax	**Email**

I would like to attend the IGART Course. I enclose a cheque for the full amount of £..... payable to: "**The Institute of Cancer Research**"
Or please invoice ***(please give the exact contact information to secure your booking)***
Credit cards are now acceptable.

Venues: The lectures for days 1 & 2 are close to The Chester Beaty Laboratories, 237 Fulham Road, London SW3 6JB. The physics, radiographer and oncologist practical sessions on Saturday will be carried out in the Radiotherapy department of The Royal Marsden Hospital until 1.15pm.

Please email or post completed form, and forward your payment invoice info to: The Course Secretary, Physics Department, The Royal Marsden NHS Foundation Trust, Fulham Road, London SW3 6JJ

Tel.+44 (0)207 808 2501

Email: Paul.Downs @rmh.nhs.uk

www.icr.ac.uk/igimrt

The ROYAL MARSDEN NHS Foundation Trust

ICR The Institute of Cancer Research

SABR TOPICS ADDED

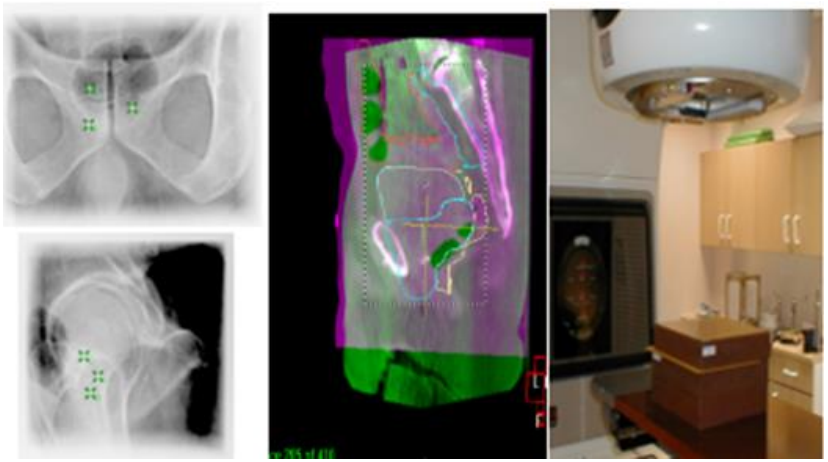

Image Guided & Adaptive Radiotherapy in Clinical Practice

Thursday 15th to Saturday 17th April 2025

Departments of Physics and Radiotherapy

The Royal Marsden NHS Foundation Trust and The Institute of Cancer Research

Includes:

- Adaptive RT
- SABR verification
- Target Monitoring Techniques
- 4D/ CBCT
- IMRT / VMAT
- Radiation Free Patient Verification

This course is accredited 19 Category I credits under The Royal College of Radiologists CPD scheme

Introduction

This 3-day course is designed to help clinicians, physicists and radiographers maintain and develop the clinical implementation of image guided radiotherapy.
The course has been awarded 19 RCR Category I CPD credits under **The Royal College of Radiologists** CPD scheme. In 2017 it received 20 CPD credit-points from (**EFOMP**) **The European Federation of Organisations for Medical Physics**
The curriculum covers many practical aspects and includes hands-on practical sessions, image matching, QA and dosimetry.
We recommend a team of oncologist, physicist and radiographer from the same centre attend together.
Included in the cost of the course are a set of lecture notes, PDF files of the actual presentations, lunches, refreshments, cheese and wine, and a course dinner (sponsored by the manufacturers).

Provisional Programme

Day One

- *Patient Preparation and Immobilization*
- *MR Guided Radiotherapy* **(New)**
- *Image Guidance and Verification for Proton Therapy* **(New)**
- *Ultrasound in RT*
- *CT, 4DCT, CBCT and Image Quality*
- ***Imaging & Margins in Head and Neck (This Is Not an Apple)**
- *Margins for Geometric Uncertainties*
- *Intrafraction Imaging* **(New)**
- *Adaptive Bladder Techniques, Treatment Planning, Dose & Imaging*
- *Highly Conformal Radiotherapy and IGRT for Gynaecological Targets*
- *IGRT Processes for Gynecological Cancers*
- ***Course Meal at local restaurant***

Day Two

- *AI in Clinical Pathway* **(New)**
- *Breast Clinical Trials with Relevant Imaging Pathway, CBCT Verification and Nodal Treatment*
- *SABR, Prostate Bed, Fractionation & Associated Imaging Requirements and Pathways*
- *Image Verification for Prostate Patients*
- *SABR for Lung*
- *SABR, FFF and Small Field Dosimetry and QA*
- *Head and Neck: IGRT Trials, Scheduled and Reactive Adaptive Pathways* **(New)**
- *IMRT/VMAT Planning: Treatment Planning Robustness*
- *SABR for Lung and Dose Prescriptions*
- *Image Verification for Lung Tumours (with and without fiducials)*
- *Surface Guided Radiotherapy* **(New)**
- *Plan of the Day: Adaptive Radiotherapy Imaging and course quiz*
- ***Cheese & Wine Evening***

Day Three

- *KV + KV Imaging Clinical Examples, Several Delivery Platforms*

Practical Demonstration & Discussion

IMRT/VMAT planning and image verification for different clinical sites, examples of "good and bad" plans

- *Practical sessions on QA and Imaging, covering Pre-Treatment and Patient Treatment Procedures - from the TPS to the Linac and Patient: including Patient to Phantom Dosimetry;Dosimetric Verification; Patient Setup and Verification using Cone Beam, KV and ExacTrac Device QA, Image Matching, Plan Choice, Gating/4DCT, Data Analysis*

External speakers

Mrs Angela Baker, Barts Hospital NHS Trust
Dr Jenny Bertholet, Bern University Hospital, Switzerland
Dr Andrew Gosling, University College London Hospitals NHS FT
Dr Vibeke Nordmark Hansen, Rigshospitalet , Copenhagen, Denmark
Ms. Amanda Webster, University College London Hospitals NHS FT

*Special Guest Speakers

Professor Vincent Gregoire
Centre Léon Bérard
Lyon, France TBC
&
Dr Raj Jena
Cambridge University TBC

RMH/ICR course faculty

Ms Sophie Alexander, Dr David Bernstein, Dr Shree Bhide, Ms Margaret Bidmead, Dr Elly Castellano,
Ms Angharad Ganguli, Dr Shaista Hafeez, Dr Emma Harris, Ms Elizabeth Joyce, Dr Susan Lalondrelle, Dr Helen McNair, Dr Julia Murray, Mr Adam Mitchell, Dr Fiona McDonald, Mr Maan Najem, Dr Alison Ranger, Ms. Punita Shah, Dr Michael Thomas, Mr Angelos Vasilopoulos

Course organizers

Ms Margaret Bidmead, Dr Helen McNair, Dr Emma Harris, & Sophie Alexander.