

Image Guided Radiotherapy in Clinical Practice

Cost: £500 full delegate £1200 Group booking of three participants

Thursday 7th - Saturday 9th February 2019

Venue: The Education and Conference Centre, Stewart's Grove, SW3 6JJ

Delegation: Clinicians, physicists and radiographers to develop programmes for the clinical implementation of image guided and intensity modulated radiotherapy.

Cost: £500 per person. A special offer of £1200 is available to cover a team of three participants from the same centre. There is a discount for current staff working at the Royal Marsden and the ICR.

Topics to include:

Day one: Introduces multi-modality and functional imaging for the delivery of complex radiotherapy, as well as an introduction to the principles of IGRT. A clinically focused session will also be included. Planning techniques to be discussed include IMRT, VMAT + RapidArc planning and delivery. 2D, 3D Conebeam and KV-MV imaging, Marker tracking. Breathing related problems for various clinical sites are included, together with an introduction to adaptive radiotherapy.

Day two: Lectures on Head & Neck clinical trials, Breast IMRT and radiobiological considerations in IMRT including hypofractionation will start the day. ICRU margins and volumes and clinical guidelines for contouring will be discussed in detail by Prof. Vincent Gregoire. There will be clinical sessions on the use of IGRT in clinical trials for different sites. The day will finish with a discussion and cheese & wine.

Day three: Practical hands-on sessions on contouring supervised by oncologists. Demonstrations on treatment machines cover relevant quality assurance for IGRT and image capture, matching for 2D + 3D methods, dosimetry and fluence verification, patient set-up and immobilization procedures.



