Optimisation in CT
4 October 2013
The London Deanery

A CPD focused meeting designed to provide diagnostic radiology and radiation protection physicists and radiographers with an update on CT dosimetry, CT image quality analysis and the development of fit for purpose CT protocols.

Programme

09:30  Registration
10:00  Introduction
10:05  Justification and optimisation in CT
      Matthew Dunn, Head of Radiology Physics
      Nottingham University Hospitals NHS Trust
10:30  CT images: a radiologist’s wants and needs
      Speaker TBC
11:00  Dose metrics in CT - from 100 to infinity in 15 minutes
      Sue Edyvean, Consultant Physicist
      Royal Marsden Hospital, London
11:15  Refreshments
11:30  Image quality an objective assessment
      Nicholas Keat, CT Physicist
      iManova Ltd, London
12:00  Dose surveys - the big picture
      Sue Edyvean, Consultant Physicist
      Royal Marsden Hospital, London
12:15  Where do I start? Optimisation for beginners
      Matthew Dunn, Head of Radiology Physics
      Nottingham University Hospitals NHS Trust
12:30  Discussion
12:45  Lunch
13:30  Dose audit - size matters
      Elly Castellano, Consultant Physicist
      Royal Marsden Hospital, London
13:45  mA modulation - what the technology offers
      Nicholas Keat, CT Physicist
      iManova Ltd, London
14:00  mA modulation - what the patient gets
      Gareth Iball, Consultant Scientist
      Leeds General Infirmary
14:20  Iterative reconstruction
      Nicholas Keat, CT Physicist
      iManova Ltd, London
14:35  The potential for kV modulation
      Elly Castellano, Consultant Physicist
      Royal Marsden Hospital, London
14:50  Refreshments
15:10  Team building in CT
      Matthew Dunn, Head of Radiology Physics
      Nottingham University Hospitals NHS Trust
15:20  Paediatrics - a minor problem
      Elly Castellano, Consultant Physicist
      Royal Marsden Hospital, London
15:35  Switching scanners
      Gareth Iball, Consultant Scientist
      Leeds General Infirmary
15:45  Taming new technology
      Speaker TBC
15:55  Patient shielding in CT - is it a cover up?
      Gareth Iball, Consultant Scientist
      Leeds General Infirmary
16:05  Research exposures
      Elly Castellano, Consultant Physicist
      Royal Marsden Hospital, London
16:15  Discussion
16:30  Close

Non-member £195 | BIR Consultant member £125
BIR Non-Consultant member £95
BIR Retired/Trainee/Student member £50