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CT Principles, Technology & Practice in PET/CT and SPECT/CT

Monday 8 to Tuesday 9 May 2017
St Thomas' Campus, London (near Waterloo and Westminster)

King's Technology Evaluation Centre (KITEC) is pleased to announce a two-day course on CT principles, technology and practice, aimed specifically at PET/CT and SPECT/CT users.

The course is delivered by lecturers who are international experts and researchers from a range of academic, NHS and industrial institutions, primarily based in the UK. The course is designed for medical physicists working in nuclear medicine, using or planning to use SPECT/CT or PET/CT technologies. Other professionals involved in clinical nuclear medicine, for example clinical technologists, radiographers, physicians, radiologists and researchers in hybrid imaging, would also benefit from attendance.

TOPICS

- Technology of CT in hybrid scanners
- Basic CT Scanning: multi-slice, helical and cone beam CT
- Dose control in hybrid CT systems
- Principles of CT dosimetry (including paediatrics)
- SPECT/CT and PET/CT DRLs
- CT scan and image reconstruction parameters
- Clinical image quality requirements in SPECT/CT and PET/CT
- Practical issues in SPECT/CT and PET/CT imaging
- Protocol design and optimisation
- Specialist applications and future directions

FIND OUT MORE

Course Director: Professor Steven Keevil
Course Organisers: Kathryn Adamson and Bruce Walmsley
Administrator: Jas Bains
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Further course details, fees and apply online
<http://tinyurl.com/kingsct2017>