This twenty credit M Level CPD short course is a new joint development between Alliance Medical and the University of the West of England, Bristol. This short course would be suitable for various professional crafts including nuclear medicine practitioners, diagnostic radiographers, radiotherapy radiographers, trainee clinical scientists and clinicians working in the field of hybrid imaging.

The course syllabus and learning outcomes aim to provide knowledge and understanding of hybrid imaging technology and techniques and support professional development within this emerging area of clinical practice.

This short course may be undertaken as an independent CPD module or as part of the MSc Nuclear Medicine Programme. You do not have to be working within a hybrid imaging environment to undertake this short course.

Specific learning outcomes include:
- Appreciation of SPECT/CT and PET/CT equipment and acquisition parameters
- Justification and rationale for the use of hybrid imaging techniques in current clinical practice
- Relevance of various professional crafts associated within hybrid imaging
- Patient preparation and dosimetry considerations
- Established and emerging clinical techniques
- Relevance of hybrid imaging to patient management and Government strategies

Course syllabus includes:
- Understanding of PET/CT and SPECT/CT technology and current directions
- Principles of PET/CT and SPECT/CT imaging and the patient experience
- Evaluation of:
  - Attenuation Correction
  - Image registration considerations
  - Quality Control requirements
  - ARSAC and Professional guidelines
  - Identification of potential imaging artefacts
- Multidisciplinary working and the impact upon hybrid imaging environments

The hybrid imaging in nuclear medicine course commences in October 2008 and is delivered, via a block release format, at the Faculty of Life Sciences, University of the West of England, Bristol. Delivery of the course syllabus is undertaken by clinical experts and academic lecturers, utilising a virtual learning environment to facilitate learning.

A portfolio of clinical learning forms part of the module assessment, which may be specific to the student’s clinical department. Alternatively attendance on this short course without undertaking any assessments is possible for CPD purposes.

Further information is available from:
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