Computed Tomography (CT) Applications 7HSK0104 15 Credits at level 7

This is a 6 day course: 6th and 7th March 2019 – 3rd, 4th and 5th April 2019
Presentation day - 15th May 2019

This course is for health care professionals working in CT. If you take this course as part of a postgraduate award you need to be a qualified radiographer or other suitably qualified health care professional and have a degree or equivalent.

Course aims
The aim of the course is to enable students to critically analyse and evaluate the evidence-base and current developments in contemporary and emerging Computed Tomography (CT) applications in order to develop a deep and systemic understanding of knowledge in this area. Students will be expected to engage with habitual reflection, identifying methodologies and strategies which enable best clinical practice and promote excellence in patient care.

Content
The course covers the clinical considerations and applications of a range of CT procedures. Students are encouraged to apply the technical principles of CT to meet the clinical situation, maximising scan quality and providing images to enable a satisfactory diagnosis. Taught content will adapt to changes in CT practice but will typically include CT angiography, CT in oncology, CT in acute and emergency situations and the use of CT in current practice. Patient care, which is fundamental to all radiographic practice, will be explored in the context of CT procedures.

Applications of CT in current clinical practice will be discussed. Optimum scanning protocols and techniques demonstrating relevant pathology to enhance the quality of the scan procedure and methods of improving patient outcomes will be discussed. Students will study both normal and abnormal image appearances with discussion of relevant common pathologies. Typical disease presentations are covered. There is also consideration of the use of contrast enhancement, safety and risk effect, alternative imaging investigations, referral pathways, and diagnostic effectiveness and image quality issues.

Assessment
The assessment will typically include a written essay and presentation.

Who teaches this course?
This work-based module is facilitated by a university tutor who is experienced in the topic area.

What our students say
I appreciated the varied and knowledgeable speakers who visited to talk to us
Informative and enthusiastic lecturers who gave lots of information
Very practical information to make improvements to my practice

Cost
The fee for new self-funding students is £680.00
Please note that the fee may vary depending on your source of funding and whether you are a continuing student. To find out information about the fees visit go.herts.ac.uk/cpdpfes

The course forms part of a broader CPD framework that can lead to the award of Postgraduate Certificate, Postgraduate Diploma or Master’s degree

Course Enquiries
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