This is a 6 day course: 11th and 12th October 2017, 22nd, 23rd and 24th November 2017
Presentation day - Thursday 11th January 2018

This course is for health care professionals working in MRI. The course can be taken as a standalone course or as part of a postgraduate award. If you take this course as part of a postgraduate award you need to be a qualified radiographer 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 magnetic resonance imaging (MRI) 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 MRI procedures. Students are encouraged to apply the technical principles of MRI to meet the clinical situation, maximising scan quality and providing images to enable a satisfactory diagnosis. Taught content will adapt to changes in MRI practice but will typically include MRI of the brain and spine, musculoskeletal system and trunk with further consideration of imaging in the context of oncology. Patient care, which is fundamental to all radiographic practice, will be explored in the context of MRI procedures.

Applications of MRI 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?
Campus delivery of this course will be by university staff and clinical specialists.

What our students say
- Interesting talks
- Good variety of applications
- Really got me thinking and applying research to work
- Lots of opportunities for input on own clinical practice
- Great course!

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 returning student. To find out information about the fees visit go.herts.ac.uk/cpffee

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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