

BIR

The British
Institute of
Radiology



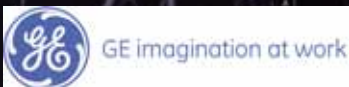
The British Institute of Radiology

Contrast study day and essential physics for FRCR

Liverpool Medical Institution

23 - 24 January 2014

CPD: 13 credits (Applied for)



Thursday 23 January 2014
Essential physics for FRCR

Educational aims:

- 1. To cover the basics of physics for the Royal College of Radiology examinations**
- 2. To provide a forum to discuss areas of difficulty**
- 3. To provide access to experts in the workshops to explore areas of difficulty**
- 4. To provide a fun and relaxed approach to revision**

08:00 Registration, tea and coffee

08:30 Quiz open

09:00 Basic physics review

09:30 IRMER

10:00 Fluoroscopy

10:30 Coffee and into workshops

10:40 Workshops

11:40 The physics of digital radiology

12:10 Computed tomography

12:40 Lunch and quiz

13:30 Ultrasound

14.00 Nuclear medicine

14.30 Tea and coffee

14.40 Workshops

15.40 MR

16.10 Answers to MCQ's, problems and panel discussions

17.00 Close of meeting

Friday 24 January 2014

Contrast study day

This course is designed to demonstrate how contrast media work in a variety of established imaging techniques, to appreciate which ones to use and why, and to have an understanding of the safety issues involved.

It will benefit Trainees in radiology and established Consultant Radiologists wishing to keep abreast of the new contrast agents, and their use with established and new imaging techniques. The course will also act as essential CPD for radiographers working in any of the imaging disciplines.

- 09:00 Registration, tea and coffee**
- 09:20 Welcome**
- 09:30 General applications for CT**
- 10:00 General applications for MR**
- 10:30 Dynamics of blood flow within the body**
- 11:00 MR contrast in children**
- 11:20 Tea and coffee**
- 11:40 MR contrast agents and acquisition techniques**
- 12:00 CT abdomen and colonography**
- 12:30 Barium, MR small bowel, pancreas and renal**
- 13:00 Questions and discussion**
- 13:10 Lunch**
- 14:00 CT angiography**
- 14:30 MR angiography**
- 15:00 Safety aspects of contrast media (CT and MR)**
- 15:30 Tea and coffee**
- 15:50 CT and MR of the liver**
- 16:20 Contrast ultrasound applications**
- 16:50 Questions, discussion and close of day**
- 17:00 Close of meeting**

Rates: Full course

Non member Consultant £180

Non member non Consultant £120

Non member Retired/Trainee/Student £90

BIR member: Consultant or equivalent £160

BIR member: Non Consultant members £90

BIR member: Retired/Student or Trainee members £60

Rates: One day only

Non member Consultant £100

Non member non Consultant £70

Non member Retired/Trainee/Student £55

BIR member: Consultant or equivalent £85

BIR member: Non Consultant members £55

BIR member: Retired/Student or Trainee members £40

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