

## Current Topics in Medical Imaging

Module Code:	RAD7003-C
Academic Year:	2016-17
Credit Rating:	30
School:	School of Allied Health Professions and Sport
Subject Area:	Radiography
FHEQ Level:	FHEQ Level 7 (Masters)
Module Coordinator:	Mrs Elaine Wilkinson

Additional Tutors:

Pre-requisites:

Co-requisites:

### Contact Hours

Type	Hours
Lectures	2
Tutorials	6
Directed Study	292

### Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Semester 1 (Sep - Jan)
BDA	University of Bradford / Semester 2 (Feb - May)

### Module Aims

To enhance the student`s knowledge and understanding of issues that are currently impacting, or likely to impact on the medical imaging department so as to optimise the student`s ability to safely and competently contribute to the imaging service.

## Outline Syllabus

The syllabus content for this module will evolve to reflect issues that are considered to be of current professional interest. Relevant published research and literary evidence will be critically appraised to determine the likely impact of developments on clinical practice. The module leader will deliver an overview of the aims of this module and facilitate group tutorials to discuss and guide the student's choice of topic, election of appropriate short course and planned learning. Topics will be related to the work of the radiographer in clinical practice. The student may choose to review and evaluate an aspect of current practice, explore and report on a recent change in practice, or develop and reflect on new clinical skills or services. The role of medical imaging in the patient pathway may also be considered and this should be reflected in the content of the short course.

## Module Learning Outcomes

*On successful completion of this module, students will be able to...*

- 1 Analyse recently published legislation, guidance and protocols relevant to imaging practice.
- 2 Critically appraise the current role of medical imaging in the patient pathway.
- 3 Critically appraise and articulate the current thinking in their chosen area of clinical practice and its potential impact on imaging services and patient care.
- 4 Critically reflect on the role of the health professional within their chosen area of practice, including, where appropriate, the interaction with the multidisciplinary team.
- 5 Critically reflect on own ethical, inclusive and professional practice and service development.
- 6 Critically review ability to act as an autonomous self-directed learner who is able to recognise their personal development needs and identify appropriate learning opportunities.

## Learning, Teaching and Assessment Strategy

Students undertake an independent learning experience at conference, short course, study day or distance learning course, to focus on a topic that is currently relevant to clinical medical imaging practice. Small group tutorials will draw on the student's own clinical practice in order to explore the impact of this topic on their clinical practice.. Technology will be used to support the student's learning and to facilitate sharing of information, and individual support will take place through electronic communication or tutorials. Students will be supported to identify the evidence base and critique clinical practice, plan personal development, self-assess and engage in feedback. The teaching and assessment strategy will develop the student's level 7 research skills in preparation for the final stages of the MSc programme. Assessment one will require the student to critically evaluate a modern piece of imaging equipment, imaging technique, practice, or image guided intervention through an assignment or a presentation (Learning outcomes 1,2,3). For the second assignment task the student will submit a reflective report on the impact of attendance on the short course on their clinical role (learning outcomes 1,4,5,6,7).

## Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Coursework	2000 word critical evaluation of	0 hours	50%

current topic in medical imaging  
OR 15 minute presentation  
critically evaluating current topic in  
medical imaging

Summative	Coursework	2000 word reflective report	0 hours	50%
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### **Legacy Code (if applicable)**

HRP-706T

### **Reading List**

To view Reading List, please go to [rebus:list](#).