

<b>Module Details</b>	
<b>Module Title:</b>	Current Topics in Medical Imaging
<b>Module Code:</b>	RAD7003-C
<b>Academic Year:</b>	2020-21
<b>Credit Rating:</b>	30
<b>School:</b>	School of Allied Health Professions and Midwifery
<b>Subject Area:</b>	Radiography
<b>FHEQ Level:</b>	FHEQ Level 7 (Masters)
<b>Pre-requisites:</b>	
<b>Co-requisites:</b>	

<b>Contact Hours</b>	
<b>Type</b>	<b>Hours</b>
Lectures	2
Tutorials	4
Directed Study	292

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

<b>Module Aims</b>
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.

<b>Outline Syllabus</b>
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.

### Learning Outcomes

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 for example a 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 impacting of a learning opportunity on their clinical role (learning outcomes 1,4,5,6).

### Mode of Assessment

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

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

## Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>.

### *Please note:*

*This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.*