

Imaging in Context

Module Code:	RAD6004-C
Academic Year:	2017-18
Credit Rating:	30
School:	School of Allied Health Professions and Sport
Subject Area:	Radiography
FHEQ Level:	FHEQ Level 6
Module Leader:	Mrs Gillian Clough

Additional Tutors:
Mr Edward Cadogan

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	20
Tutorials	10
Directed Study	88.75
Other	181
Examinations	0.25

Availability Periods

Occurrence Code	Location/Period
BDA	University of Bradford / Academic Year (Sept - May)

Module Aims

Evaluate clinical decision making and the value of imaging in the diagnosis and treatment of disease.

Outline Syllabus

Review of medical imaging techniques. Choice of imaging modality with respect to patient presentation, associated pathology/trauma and the need to optimise dose and image quality; Effect of guidelines and legislation on the decision making process; Multidisciplinary teams; Oncology and palliative care; Patient compliance/ non compliance, promotion of health benefits of timely imaging examinations.

IT and/or presentation skills - PowerPoint or DTP package. NHS structure, future roles and service development. Additional material customised according to individual student choice of work-shadowing option. Radiation protection principles, legislation and practice

Ethical decision making, contemporary issues impacting on health and social care practices. Equality of access to patient centred care.

Module Learning Outcomes

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

- 1 1.1 Critically assess the validity of requests for medical imaging with particular reference to radiation protection issues
 1.2 Critically evaluate the contribution of imaging to a successful diagnosis and treatment plan

- 2 2.1 Appraise the psychological impact medical investigation and treatment has on individual patients
 2.2 Critically evaluate the role of another healthcare profession
 2.3 Demonstrate an understanding of professional accountability

- 3 3.1 Exploit appropriate technology to disseminate information
 3.2 Be able to work in, and effectively contribute to a multidisciplinary working environment
 3.3 Evaluate and improve own learning through planning and prioritising learning activities
 3.4 Plan and deliver an oral presentation.

Learning, Teaching and Assessment Strategy

Lectures will prepare the students through an exploration of specialist areas of study such as oncology and palliative care

Tutorials with the module leader and personal academic tutor will give support and guidance for the students directed and placement learning.

Directed Study students will take responsibility for deciding on an area of study and arranging to work shadow members of the MDT in their clinical environment and at relevant meetings. This will allow the student the opportunity to reflect on, and critically review the role of imaging in clinical decision making. The students will subsequently undertake two strands of study. One will be a case study, following the care pathway of one patient selected from their clinical work shadow experience. The second strand of study will allow the student to choose a profession or health care related role, which they have observed during this work shadowing and explore their role in general.

Assessment case study one will evaluate the patients care pathway and the role of imaging assessing LO1.1, 1.2, 2.1, 1.3, 3.1, 3.3. Case study two will be assessed orally and measure achievement of LO 2.2, 3.1, 3.3, 3.4. The final learning outcomes 1.1, 2.3, 3.2, will be assessed by evidence collected in the students Professional Development Portfolio.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess't
Summative	Presentation	15 minute oral presentation. Evaluation of the role of a health care professional who was involved in the case study		30%	No
Summative	Coursework	Case study based assignment (3000 words)	0 hours	70%	No
Summative	Clinical Assessment	Sem 1. Clinical learning objectives. Pass/Fail	0 hours	%	No
Summative	Clinical Assessment	Sem 2. Clinical learning objectives Pass/Fail.	0 hours	%	Yes

Legacy Code (if applicable)

HR-6003R

Reading List

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