

## Principles of Reporting

Module Code:	RAD7001-C
Academic Year:	2017-18
Credit Rating:	30
School:	School of Allied Health Professions and Sport
Subject Area:	Radiography
FHEQ Level:	FHEQ Level 7 (Masters)
Module Leader:	Mr David Culpan

Additional Tutors:

Pre-requisites:

Co-requisites:

### Contact Hours

Type	Hours
Lectures	40
Tutorials	40
Directed Study	220

### Availability Periods

Occurrence Code	Location/Period
BDA	University of Bradford / Semester 1 (Sep - Jan)

### Module Aims

To enable the student to develop the theoretical knowledge base required to interpret specified medical images and to develop a comprehensive understanding of the factors to be considered in the construction of a clear and concise medical image report.

## Outline Syllabus

The syllabus will include: a holistic overview of anatomy; systematic approaches to image perception; decision making skills; pattern recognition and interpretation; the range of medical terminology required for unambiguous report writing and communication with the wider clinical team; IR(ME)R 2000 and diagnostic accuracy of imaging techniques; familiarisation with reporting technology - hardware, software and voice recognition; referral processes - how clinical reports influence management of patients; guidelines from professional bodies and other organisations; critical appraisal of schemes of work and protocols to cover health professionals producing diagnostic image reports; critical appraisal of published literature.

## Module Learning Outcomes

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

- 1 Systematically approach pattern recognition, image interpretation and critique of report construction to influence patient management.
- 2 Demonstrate independent thought in the critical analysis of service delivery and the contribution of medical imaging and their reporting role within it to influence to patient management.
- 3 Critically evaluate protocols, published research and literature in medical imaging.
- 4 Demonstrate the role of technology in their practice.
- 5 Communicate effectively within the wider multidisciplinary team.
- 6 Evaluate complex issues in an ethical, systematic and creative manner.

## Learning, Teaching and Assessment Strategy

Lectures & seminars will be used to enhance understanding & analysis of the roles of practitioners undertaking the role of medical image reporting. Particular emphasis is placed on the medico-legal framework & the transferrable analysis, decision-making & communication skills involved in constructing medical image reports. Learning undertaken in the academic environment will develop the theoretical knowledge base of understanding of how to communicate the imaging appearances of pathology & disease processes shown on image of the relevant system. Limitations of the imaging techniques and competing technologies will be considered. PACS & case scenarios will be used to facilitate group discussion and enhance the student's confidence in verbalising image appearances. Directed study will involve developing the image interpretation skills required to produce independent medical image reports. Technology will be used to support the students learning & to facilitate sharing & collaboration in problem solving. Achievement of the LO will be demonstrated through an assignment which will require critical appraisal of the current literature, professional body guidance & design a scheme of work to underpin their reporting role (LO1,3,5,6). The students will also make a presentation to their peers regarding their future clinical reporting role (LO 2,3,4,5,6). The teaching & assessment strategy will develop the student's level 7 research skills in preparation for the final stages of the MSc programme & provide opportunities for formative feedback (peer, tutor & self).

## Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess't
Summative	Coursework	2000 word assignment	0 hours	70%	No
Summative	Coursework	Powerpoint presentation		30%	No

### Legacy Code (if applicable)

HRP-703T

### Reading List

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