

MODULE DESCRIPTOR

Module Title

Radiographic Technique 2

Reference	HS2065	Version	4
Created	February 2019	SCQF Level	SCQF 8
Approved	November 2017	SCQF Points	30
Amended	June 2019	ECTS Points	15

Aims of Module

To enable the student to gain an understanding of imaging, patient care and support of patients undergoing imaging. In addition to recognise the role of the assistant practitioner in pre-chosen areas of image settings.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Describe the structure, safety and operating principles in a selection of imaging technologies.
- 2 Explain the radiographic examinations and associated technologies used in contrast and/or cross sectional imaging and/or settings outwith the radiography department.
- 3 Describe the role of the radiography assistant practitioner in contrast and/or cross-sectional imaging and/or settings outwith the radiography department.
- 4 Explain the use of contrast in diagnostic imaging examinations.

Indicative Module Content

As per pre-chosen imaging topics - CT, MRI, Ultrasound and Radionuclide Imaging. Dental Imaging, Theatre Imaging and Mammography. As per pre-chosen imaging topics - Equipment and technologies - mobile, mammography, dental, MRI, CT, RNI, fluoroscopy. Radiographic procedures to carry out imaging of the respiratory, digestive, renal, reproductive and nervous systems as per pre chosen imaging topics. Contrast studies, contrast agents, their functions, methods of administration and care requirements Plain film and cross sectional imaging appearances. Imaging outwith the diagnostic imaging departments ? mobiles, ward, theatre, mobile screening (vans) if applicable to pre-chosen imaging topics. Role of assistant practitioner (as per pre-chosen imaging topics). ALERT - Demonstrate within a collaborative team, the care, communication and management of the critically ill.

Module Delivery

Block attendance lectures, tutorials and practical sessions. Online lectures, workshops and discussion forums Student workbooks and online activities.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	N/A	60
Non-Contact Hours	N/A	240
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	N/A	300
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4
Description:	Essay				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

Coursework

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	Fails to achieve the minimum requirements for an E
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Successful completion of all Stage One DipHE Radiographic Studies modules (or equivalent) will normally be required.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 BARRY, A.M. & YUILL, C., 2016. *Understanding the Sociology of Health*. 4th ed. London: Sage
- 2 CARVER,E and CARVER,B. 2012. *Medical Imaging*. 2nd ed. London: Elsevier.
- 3 RABY, N., BERMAN, L., DE LACEY, G., 2014. *Accident & Emergency Radiology: A Survival Guide*. 3rd ed. London: Elsevier Saunders
- 4 Relevant journal articles and professional publications.
- 5 ALDER, B. et al, 2009. *Psychology and sociology applied to medicine*, 3rd ed. London: Elsevier.
- 6 OGDEN, J., 2012. *Health psychology*. 5th ed. Buckingham: OUP.
- 7 EISENBURG, R., 2016. *Comprehensive radiographic pathology*. 6th ed. London: Elsevier.
- 8 GREY, M. & AILINANI, J.M., 2018. *CT & MRI pathology: a pocket atlas*. 3rd ed. Cambridge: Cambridge University Press.