

## MODULE DESCRIPTOR

### Module Title

Trauma Radiography

Reference	HS2115	Version	3
Created	July 2017	SCQF Level	SCQF 8
Approved	November 2012	SCQF Points	15
Amended	August 2017	ECTS Points	7.5

### Aims of Module

To enable the student to gain knowledge and understanding of imaging, care and support of patients with traumatic injuries.

### Learning Outcomes for Module

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

- 1 Describe the radiographic imaging utilised in management of the trauma patient.
- 2 Explain the care and communication needs of patients undergoing trauma radiography.
- 3 Analyse the principles and values of trauma teams and the factors which impact upon the functioning of teams.

### Indicative Module Content

Traumatic injury and mechanisms of injury - fractures, spinal, haemorrhaging, soft tissue and vascular Imaging the trauma patient Trauma theatre imaging CT and MRI in trauma Fast scanning Advanced Trauma Life Support Infection control Radiation protection and safety National guidelines for trauma management - SIGN, NICE Patient care in trauma Forensic imaging Major incident planning Team structures- unidisciplinary, multidisciplinary and interdisciplinary Factors which influence effective team working Initial commenting Radiographer led minor injury assessment and discharge Journal clubs

### Module Delivery

Lectures, clinical simulation, practicals, workshops, tutorials and directed study.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	50	N/A
Non-Contact Hours	100	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<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
Description:	Scenario based Wiki				

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

Performance assessed with a grading proforma

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	At least 3 x A and 2 x B and 1 x C, plus pass in line 7 of the grid
<b>B</b>	At least 3 x B and 2 x C and 1 x D, plus pass in line 7 of the grid
<b>C</b>	At least 3 x C and 2 x D and 1 x E, plus pass in line 7 of the grid
<b>D</b>	At least 4 x D and 2 x E, plus pass in line 7 of the grid
<b>E</b>	3 or more x E and 1 x F, plus pass in line 7 of the grid
<b>F</b>	Failure to meet requirements for grade E AND/OR fail in line 7 of the grid
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	Successful completion of all Stage One modules of BSc (Hons) Diagnostic Radiography will normally be required.
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

- 1 EASTON, S. 2008. *An Introduction to Radiography*. Churchill Livingstone.
- 2 McCONNELL, J. 2011. *Index of Medical Imaging*. Wiley-Blackwell.
- 3 MURRAY, J.R.D., HOLMES, E. J., MISRA, R.R., 2008. *A-Z of Musculoskeletal and Trauma Radiology*. Cambridge University Press.
- 4 RABY, N., BERMAN, L., DeLACY, G. 2005., *Accident and Emergency Radiology: A Survival Guide* 2nd Edition. Saunders (W.B.) Co Ltd
- 5 Journals and Professional Publications.