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MODULE DESCRIPTOR

Module Title

Applied Radiographic Pathology 1

Reference	HS1196	Version	4
Created	July 2017	SCQF Level	SCQF 7
Approved	November 2013	SCQF Points	30
Amended	August 2017	ECTS Points	15

Aims of Module

To enable the student to develop knowledge and understanding of a range of radiographic pathologies.

Learning Outcomes for Module

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

- 1 Describe pathologies of the appendicular and axial skeleton.
- 2 Describe pathologies of the chest and abdomen.
- 3 Discuss variant radiographic appearance of pathologies of the appendicular and axial skeleton, chest and abdomen.
- 4 Describe basic research design, associated research terminology and descriptive data display.

Indicative Module Content

Basic principles of epidemiology Aetiology, incidence and prevalence Pathological processes Mechanisms of disease Introduction to clinical investigations Relevant pathologies of the axial and appendicular skeleton Relevant pathologies of the chest and abdomen Variant radiographic appearances Introductory research design Common research terminology Basic descriptive statistics

Module Delivery

Tutorials, image workshops, directed study.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	60	N/A
Non-Contact Hours	240	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	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: Practical Exam Weighting: 70% Outcomes Assessed: 1, 2, 3
 Description: Computer based objective structured clinical examination (OSCE)

Component 2

Type: Coursework Weighting: 30% Outcomes Assessed: 4
 Description: Research report

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

C1: equally weighted questions; marked in accordance with agreed answer outline C2: performance assessed with a grading proforma Overall grade determined as follows:

Module Grade	Minimum Requirements to achieve Module Grade:
A	Grade configuration C1/C2 - AA , AB , BA.
B	Grade configuration C1/C2 - AC, BB, BC, CA, AD.
C	Grade configuration C1/C2 - BD, CB, CC, CD, DA, DB.
D	Grade configuration C1/C2 - DC, DD.
E	Grade configuration C1/ C2 - AE, BE, CE, DE, EE, FE, EA, EB, EC, ED, AF, BF, CF, DF, EF, FA, FB, FC.
F	Grade configuration C1/ C2 - FD, FE, FF.
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None, in addition to course entry requirements.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 RALSTON, S.H. et al., 2022. *Davidson's principles and practice of medicine*. 24th ed. London: Elsevier.
- 2 CORNE, J. & KUMARAN, M., 2015. *Chest x-ray made easy*. 4th ed. London: Churchill Livingstone Elsevier.
- 3 EISENBURG, R.L. & JOHNSON, N.M., 2020. *Comprehensive radiographic pathology* 7th ed. St. Louis: Mosby.
- 4 MURRAY, J.R.D., HOLMES, E.J. & MISRA, R.R., 2008. *A-Z of musculoskeletal and trauma radiology*. Cambridge: Cambridge University Press.