Module Title **Diagnostic Image Reporting Of The Appendicular Musculo-skeletal System** **Keywords** Reporting, healthcare practitioner, appendicular skeleton	Reference HSM133 SCQF SCQF Level 11 SCQF Points 15 ECTS Points 7.5 Created October 2012 Approved March 2013 Amended December 2015 Version No. 3

This Version is No Longer Current

The latest version of this module is available here

Prerequisites for Module

Honours degree, or equivalent, in a relevant health care discipline.

Corequisite Modules

HSM131; HSM132 and HSM134, or recognition of prior learning

Precluded Modules

None.

Aims of Module

The aim of the module is to enable the participant to develop to the required standard, clinical skills in the analysis, interpretation and evaluation of radiographs of the appendicular

Indicative Student Workload

Contact Hours	Part Time
Clinically based assessment	20
Lectures, tutorials, workshops	20
Directed Study	60
Private Study	50

Mode of Delivery

Lectures; workshops; work based learning

Assessment Plan

musculo-skeletal system in order to provide a diagnostic image report.

Learning Outcomes for Module

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

1. Clinically analyse, interpret and critically evaluate diagnostic image appearances of the Appendicular musculo-skeletal system to a specified accuracy level.
2. Through effective clinical reasoning, demonstrate synthesis and appropriate judgements in determining the outcomes and consequences of radiographic appearance.
3. Critically appraise and communicate radiological findings in a holistic manner relative to the clinical presentation of the patient.
4. Assess the quality assurance factors required enabling the critical evaluation of their performance in appendicular musculo-skeletal reporting.

Indicative Module Content

Application of the principles of pattern recognition and image interpretation of plain radiographs of the appendicular

	Learning Outcomes Assessed
Component 1	1,2,3,4

Portfolio

Indicative Bibliography

1. AU-YONG, I., AU-YONG, A. & BRODERICK, N., 2010. *On-call x-rays made easy*. London: Churchill Livingstone.
2. DEPARTMENT OF HEALTH (DOH), 2017. *Ionising radiation (medical exposure) regulations*. Norwich: DOH. / REGULATION AND QUALITY IMPROVEMENT AUTHORITY (RIQA), 2018. *Ionising radiation (medical exposure) regulations (Northern Ireland)*. Belfast: RQIA.
3. HARDY, M. & SNAITH, B., 2010. *Musculoskeletal trauma: A guide to assessment and diagnosis*. London: Churchill Livingstone.
4. HEALTH AND SAFETY EXECUTIVE (HSE), 2017. *Ionising radiation regulations*. London: HSE. / HEALTH AND SAFETY EXECUTIVE NORTHERN IRELAND (HSENI), 2017. *Ionising radiation regulations (Northern Ireland)*. Belfast: HSENI.

radiographs of the appendicular musculo-skeletal system
Production of reports for musculo-skeletal diagnostic images
Patient management and onward referral
Recognition and evaluation of the validity of other imaging modalities in the diagnosis of appendicular musculo-skeletal conditions
Employing a range of measurement approaches to demonstrate the level of agreement with the accepted standard

5. HOLMES, E.J. & MISRA, R.R., 2006. *A-Z of emergency radiology*. Cambridge: Churchill Livingstone.
6. McCONNELL, J., EYRES, R. & NIGHTINGALE, J., 2005. *Interpreting trauma radiographs*. Oxford: Blackwell Publishing Limited.
7. RABY, N., BERMAN, L., MORLEY, S. & De LACEY, G., 2014. *Accident & emergency radiology: a survival guide*, 3rd ed. London: Saunders Limited.
8. SOCIETY AND COLLEGE OF RADIOGRAPHERS (SCoR), 2009. *Practice standards for the imaging of children and young people* . London: SCoR.