Module Specification

Principles of Radiographic Interpretation and Patient Assessment

Version: 2020-21, v3.0, 20 Dec 2022

Contents

Part 1: Information

Module title: Principles of Radiographic Interpretation and Patient Assessment

Module code: UZYSXQ-30-3

Level: Level 6

For implementation from: 2020-21

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Health & Applied Sciences

Department: HAS Dept of Allied Health Professions

Partner institutions: None

Delivery locations: Glenside Campus

Field: Allied Health Professions

Module type: Standard

Pre-requisites: None

Excluded combinations: Fundamentals of Radiographic Image Interpretation 2020-21

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Not applicable

Educational aims: See Learning Outcomes.

Outline syllabus: Principles of radiographic image interpretation:

Impact of disease processes and trauma on radiological appearances.

Critical image evaluation of frequent conventional general radiological examinations, relevant terminology and abbreviations,

Pattern recognition including normal and abnormal image appearances of axial and appendicular images,

Current and future developments:

Clinical decision making and image interpretation criteria framework and associated impact upon patient management.

Practitioner autonomy:

Legal and ethical responsibilities of practitioners, issues related to self-registration and professional indemnity, competence, negligence, clinical governance, clinical supervision, risk management, record and document keeping, quality control of general x-ray equipment.

Reflection:

Reflection and utilisation of reflective skills within modern clinical practice, implementation of reflective models.

Technology and management of information:

Impact of modern technology infrastructures upon working practice.

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning includes lectures, seminars, tutorials, practical classes and workshops;

Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation.

150 hours of contact time including lectures and small group activities. There is also the requirement to utilise TEL (Shaderware) as part of the technology aided teaching resources.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Distinguish between normal and abnormal appearances on radiographic images of the appendicular and axial skeleton

MO2 Utilise appropriate and accurate terminology to identify radiographic findings and correlation of additional medical tests

MO3 Critically evaluate the fundamentals associated with decision making with reference to image interpretation

MO4 Critically evaluate the integration of ethical, legal and management issues within effective rational decision making

MO5 Discuss the importance of audit within the realms of image interpretation and requirements for maintaining standards

MO6 Demonstrate problem solving skills and decision making in relation to image requisition

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 150 hours

Face-to-face learning = 150 hours

Total = 300

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link https://uwe.rl.talis.com/index.html

Part 4: Assessment

Assessment strategy: The assessment will be a single online examination lasting 2.5 hrs which will replicate the decision making required in the requisition of the clinical examination, post image assessment plus the mirroring of image interpretation required in practice.

Assessment components:

Examination (Online) (First Sit)
Description: Online Examination (2.5hrs)
Weighting: 100 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Examination (Online) (Resit)
Description: Online Examination (2.5 hrs)
Weighting: 100 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Diagnostic Radiography [Sep][FT][Glenside][3yrs] BSc (Hons) 2018-19

Diagnostic Imaging [Sep][FT][Glenside][3yrs] BSc (Hons) 2018-19