



Module Specification

Skills for Informing Practice

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Part 1: Information

Module title: Skills for Informing Practice

Module code: UZYKGY-30-3

Level: Level 6

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Health & Applied Sciences

Department: HAS School of Health and Social Wellbeing

Partner institutions: None

Field: Allied Health Professions

Module type: Module

Pre-requisites: None

Excluded combinations: None

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: This module will introduce you to the skills required for MRI positioning of patients alongside plain image assessment and commenting.

Outline syllabus: The module will develop the following skills:

Recognition of normal and abnormal image appearances and when to act upon them.

Critically assess image technical standard according to a recognised methodology.

Knowledge and understanding of relevant anatomy, physiology and pathology, normal, normal variants and abnormal image appearances.

MRI imaging of a range of anatomical areas.

Knowledge of the process for escalation of unexpected findings identified on images to ensure optimum patient care.

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

Knowledge of the physiological effects of exposure to Ionising Radiation and the correct use and manipulation of radiation exposures and associated radiation science in order to produce high quality images, whilst maintaining the lowest practicable radiation dose.

Reflection:

Reflect on own impact on others, take responsibility and be accountable for own actions. Sensitively challenge others and raise issues when appropriate.

Technology and management of information:

Impact of modern technology infrastructures upon working practice.

Part 3: Teaching and learning methods

Teaching and learning methods: The module content will typically be delivered via a number of small group seminars, practical sessions, and whole group lectures in image commenting.

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

MO1 Critically evaluate the fundamentals associated with decision making with reference to image assessment and evaluation.

MO2 Critically evaluate the integration of ethical, legal and management issues within effective rational decision making.

MO3 Distinguish between normal and abnormal appearances on a range of radiographic images utilising appropriate and accurate terminology to identify radiographic findings.

MO4 Demonstrate the unpinning knowledge and understanding for accurate positioning the patient within an MRI scan.

MO5 Demonstrate problem solving skills and decision making in relation to image requisition and acquisition in an MRI setting.

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 190.5 hours

Placement = 37.5 hours

Face-to-face learning = 72 hours

Total = 300

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/46598F11-8630-94DC-C98D-836274404550.html?lang=en-GB&login=1) via the following link <https://rl.talis.com/3/uwe/lists/46598F11-8630-94DC-C98D-836274404550.html?lang=en-GB&login=1>

Part 4: Assessment

Assessment strategy: Assessment Task 1: Defended poster presentation

A poster presentation of 20 minutes, including 10 minutes of critical questioning.

Rationale

Poster presentation based on a patient who required an MRI scan to demonstrate underpinning knowledge and understanding.

Assessment Task 2: A 1.5 hour maximum duration OSPRIIE (Objective Structured Pattern Recognition Image Interpretation Examination)

This will provide the student with the opportunity to demonstrate their skills in pattern recognition and image interpretation.

Rationale

The use of OSPRIIE replicates the required skills of image commenting in practice and the justification of the radiographic examination and the post image decision.

The use of both OSPRIIE replicates decision making in the requisition of the clinical examination, post image assessment plus the mirroring of image commenting and interpretation required in practice. Critical evaluation and decision making will be assessed as part of the questioning during the OSPRIIE.

Formative Assessment

There will be workbooks to provide tests examples for imaging viewing OSPRIIE.

Assessment tasks:

Poster (First Sit)

Description: Maximum 20 min poster presentation inclusive of 10 minutes critical questioning.

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO4, MO5

Practical Skills Assessment (First Sit)

Description: 1.5 hour maximum OSPRIIE

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Poster (Resit)

Description: Skills e-portfolio

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO4, MO5

Practical Skills Assessment (Resit)

Description: 1.5 hour maximum OSPRIIE

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Diagnostic Radiography [Sep] [FT] [Glenside] [3yrs] BSc (Hons) 2021-22