



Module Specification

Intermediate Oncology and Radiotherapy Studies

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Part 1: Information

Module title: Intermediate Oncology and Radiotherapy Studies

Module code: UZYKGG-15-2

Level: Level 5

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

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: This module will explore the role of systemic anti-cancer therapy (SACT) as sole and/or combined treatments in the management of cancer.

Features: Not applicable

Educational aims: The module highlights current trends in treatment and imaging technology and their application to radiotherapy practice. The organisation and delivery of cancer services in the UK will be explored and positioned within a global

context. Quality assurance and error management will be explored along with what constitutes a reportable incident.

Outline syllabus: This module may typically include:

Combination therapies, Chemotherapy and hormone therapy, Immunotherapy

Imaging protocols and current trends including IV contrast administration

Quality assurance in radiotherapy

Reporting of radiation incidents, national incident reporting systems and requirements, and what constitutes a reportable incident

Organisation and delivery of SACT cancer services in the UK and globally.

Introduction to the role of current trends in technologies including the MRI Linac, Proton therapy, molecular radiotherapy

Part 3: Teaching and learning methods

Teaching and learning methods: Quality assurance and error management will be explored along with what constitutes a reportable incident.

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

MO1 Evaluate the role of SACT cancer treatment therapies as sole and/or combined treatments in the management of cancer

MO2 Critically analyse current trends in technology highlighting radiotherapy applications, quality assurance and quality control

MO3 Discuss radiographic imaging principles (acquisition, storage, retrieval, manipulation) and evaluate imaging techniques and procedures performed in radiotherapy throughout the pre- treatment and treatment process

MO4 Critically discuss the organisation and delivery of health and social care services across the UK and draw comparisons with cancer services offered globally.

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/EA53492C-A41C-FCFC-2887-CEAEA77F7D34.html) via the following link <https://rl.talis.com/3/uwe/lists/EA53492C-A41C-FCFC-2887-CEAEA77F7D34.html>

Part 4: Assessment

Assessment strategy: Assessment: 2 hour seen exam.

Rationale

To enable students to explore a number of topic areas given in advance in relation to the specified learning outcomes and to gather relevant sources of evidence to present within an exam setting to demonstrate their learning. The rationale for a seen exam is to ensure students are able to summarise and critique information succinctly within a set time frame. This skill will be useful for undertaking research critique for the dissertation and also for developing time management skills.

Formative assessment opportunities to discuss the evidence found will be undertaken in a series of journal clubs and/or tutorials as well as opportunity to bring materials to key note sessions. Students will have opportunity to gather evidence to help support their learning for the summative assessment.

Formative Assessment

Formative practice at exam questions will enable students to gain an understanding of the assessment strategy employed.

Students will be offered a revision session to explore the seen questions.

Assessment tasks:

Examination (First Sit)

Description: 2 hour seen exam

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Examination (Resit)

Description: 2 hour seen exam

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Radiotherapy and Oncology [Glenside] BSc (Hons) 2022-23