



Module Specification

Intermediate Clinical Applications for Radiotherapy

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Part 1: Information

Module title: Intermediate Clinical Applications for Radiotherapy

Module code: UZYYED-30-2

Level: Level 5

For implementation from: 2022-23

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: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This module will develop your knowledge and understanding of patient centred oncology practice.

Features: Not applicable

Educational aims: The module will explore the oncological management for cancers in a number of anatomical sites and the support offered to patients

throughout this pathway. The module highlights the importance of working collaboratively with the multi-disciplinary team to ensure the well-being of the radiotherapy patient.

Outline syllabus: This module will typically include:

Radiotherapy treatment techniques.

The evidence based side effect management.

Patient pathway decision making including the procedure for obtaining valid consent, the implications of not obtaining consent, suspension of treatment on the basis of changed circumstances, the patient withholding consent, and consent guidance documentation.

The role of the MDT and specialist support services.

Brachytherapy principles.

Radiobiology applications.

And will typically include the following anatomical sites:

Lung.

Upper GI.

Abdominal cavity.

Head and Neck.

Female pelvis.

Lymphatic system.

Haematological system.

Male reproductive system.

Part 3: Teaching and learning methods

Teaching and learning methods: Teaching will be supported and guided by independent study in the form of pre- lecture preparation tasks and post lecture learning tasks to consolidate knowledge. These may include, but are not limited to quizzes, work books, interactive TEL (technology enhanced learning) based activities, self-directed investigation of topics and other bespoke activities. Guided independent study will support the module, but typically the equivalent of 4 hours of lectures per week.

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

MO1 Critically evaluate patient centred oncology practice for a range of anatomical sites

MO2 Discuss the application of radiobiology principles in the treatment strategy for a range of anatomical sites

MO3 Evaluate the application of external beam radiotherapy in the treatment strategy for a range of anatomical sites

MO4 Evaluate the application of brachytherapy principles in the treatment strategy for a range of anatomical sites

MO5 Analyse the specialist support services and the role of the MDT during radiotherapy to ensure the wellbeing of the patient

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 228 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/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: Component A: Objective Structured Clinical Examination (OSCE) maximum 30 minutes

This OSCE will allow students to demonstrate their knowledge and address the learning outcomes in a real world way, undertaking a range of practical skills stations to address the learning outcomes.

Component B: 2000 word assignment

This 2000 word written assignment will enable students to demonstrate the underlining knowledge required to manage more complex patients and enable students to demonstrate the assessed learning outcomes through their relevance and applicability to real world professional practice.

Rationale

This assessment is designed to be meaningful, constructively align with the Learning Outcomes of the module and ultimately the programme and gives an opportunity to demonstrate practical and technical skills. The written assignment will enable students to demonstrate the assessed learning outcomes through their relevance and applicability to the real world- professional practice

Formative Assessment

Formative practice at practical exam questions will enable students to gain an

understanding of the assessment strategies employed. Formative opportunities will be available to students during teaching sessions and tutor support throughout the module.

Assessment components:

Practical Skills Assessment - Component A (First Sit)

Description: 30 minute OSCE

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3, MO4

Written Assignment - Component B (First Sit)

Description: 2000 word assignment

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO5

Practical Skills Assessment - Component A (Resit)

Description: 30 minute OSCE

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested:

Written Assignment - Component B (Resit)

Description: 2000 word assignment

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested:

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Therapeutic Radiography {Apprenticeship-UWE} [Nov][FT][Glenside][3yrs] BSc
(Hons) 2021-22