Module Specification

Clinical Context and Applications to Radiotherapy 1

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Contents

Part 1: Information

Module title: Clinical Context and Applications to Radiotherapy 1

Module code: UZYKGB-30-1

Level: Level 4

For implementation from: 2021-22

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 introduce you to the evidence based principles of oncology and radiotherapy practice.

Features: Not applicable

Educational aims: In this module you will explore the path of the oncology patient by examining the role of imaging principles and practices of radiotherapy treatment

and the role of the radiographer in the management pathway. Current practice will be explored to prepare you for your role in a dynamic oncology environment.

Outline syllabus: This module will typically include:

The management pathways of the following anatomical sites:

breast, pelvis, bone, brain (palliative only) thorax and skin (including benign conditions).

Treatment modalities overview.

Introduction to commonly experienced side effects and management.

Introduction to radiotherapy planning and dosimetry principles.

Part 3: Teaching and learning methods

Teaching and learning methods: See Educational Aims.

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

MO1 Describe the principles and application of current imaging modalities utilised in radiotherapy treatment

MO2 Explain the main treatment modalities used to treat cancer

MO3 Describe the fundamental principles of external beam radiotherapy

MO4 Describe the principles of evidence-based oncology and cancer management practice, for a range of common anatomical sites

MO5 Describe an evidence-based approach to the management of common radiotherapy side effects

MO6 Describe the role of the radiographer in the cancer pathway including, pre-treatment, planning, delivery and care of the radiotherapy 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 via the following link https://rl.talis.com/3/uwe/lists/C3132FDC-F28E-339C-14B1-878EDA65D2CC.html?login=1

Part 4: Assessment

Assessment strategy: Component A: A max 1 hour OSPE (Objective structured practical examination)

Rationale:

The assessment is designed to be meaningful, constructively align with the Learning Outcomes of module and ultimately the programme. It gives an opportunity to demonstrate practical and technical skills using simulated scenarios and demonstrate subject knowledge through this and relevant questioning.

Formative Assessment

Formative practice at OSPE stations will enable students to gain an understanding of the assessment strategies employed.

Assessment components:

Practical Skills Assessment - Component A (First Sit)
Description: 1 hour OSPE
Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Practical Skills Assessment - Component A (Resit)

Description: 1 hour OSPE

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:

Radiotherapy and Oncology [Sep][FT][Glenside][3yrs] BSc (Hons) 2021-22