



## **Module Specification**

# **Patient Care and Clinical Radiotherapy Practice**

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## Part 1: Information

**Module title:** Patient Care and Clinical Radiotherapy Practice

**Module code:** UZYKGD-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:** Professional Practice

**Pre-requisites:** None

**Excluded combinations:** None

**Co-requisites:** None

**Continuing professional development:** No

**Professional, statutory or regulatory body requirements:** None

## Part 2: Description

**Overview:** The module will introduce you to professional regulations and will highlight how radiation protection, health and safety and caring for the oncology patient will ensure the well-being of the service user.

**Features:** Not applicable

**Educational aims:** The module is designed to allow you to demonstrate adherence to professional regulations required to practice as a Therapy Radiographer. Current European and UK legislation and regulations pertaining to the medical use of radiations will allow you to demonstrate personal responsibility and personal accountability to practice your profession safely.

**Outline syllabus:** This module will typically include:

Radiotherapy clinical practice placement experience: typically a 14-week placement (as identified in the practice placement documentation) which will contribute to the minimum overall required practice hours of 1369 across the programme.

Communication skills and Interprofessional working:

Introduction to methods of communication. Importance of appropriate communication skills will be explored using a range of scenarios. Overview of how cancer services are organised and delivered in a multicultural society; the multidisciplinary nature of cancer care. The role of the radiographer within the healthcare team, and interprofessional relationships. How to build and sustain professional relationships both independently and collaboratively and understand the roles of wider team members who work with radiotherapy patients. The limitations of own communication skills when communicating with patients, their families or advocates who may be dealing with life-limiting or life altering diagnoses will be introduced. You will begin to recognise when to seek further support and advice.

Patient care:

Impact of a cancer diagnosis for the patient, family and friends, including the needs

of the child. The service user experience.

Radiation protection:

Professional responsibilities of the radiotherapy radiographer in relation to current ionising radiation regulations The Ionising Radiation (Medical Exposure) Regulations 2017

The Ionising Radiation (Medical Exposure) (Amendment) Regulations 2018

IRR17

Professional behaviour:

Professional codes of conduct, ethical and legal responsibilities, data protection.

Applied skills for radiotherapy practice:

Principles of radiotherapy treatment calculations. Image interpretation for localisation and verification. Practical skills for radiotherapy equipment within the real and virtual environment.

Personal and professional development:

Statutory and mandatory training requirements for radiographers. Health and safety

in the workplace. Codes of conduct and ethics. Values of the NHS constitution.  
Personal resilience. Academic writing.

### **Part 3: Teaching and learning methods**

**Teaching and learning methods:** Communication skills will be introduced academically and applied in the clinical context to allow you to demonstrate your ability to effectively communicate with members of an inter-professional team, service users and significant others in order to safely prepare and deliver external beam radiotherapy.

#### **Module Learning outcomes:**

**MO1** Apply the principles of oncology and radiotherapy practice to prepare and deliver external beam radiotherapy in a range of anatomical sites safely and accurately.

**MO2** Demonstrate and explain personal responsibility in relation to the standards of behaviour expressed in the Code of Conduct and Ethics and Standards of Proficiency, including current radiation protection regulations and site protocols regarding cross-infection, manual handling, general health and safety and basic life support.

**MO3** Explain the importance of effective communication and inter-professional working in radiotherapy practice while beginning to develop effective communication skills in the radiotherapy setting.

**MO4** Demonstrate an understanding of patient care principles in relation to cancers treated with external beam radiotherapy to ensure the health and well-being of service users.

**MO5** Identify examples of evidenced based practice and begin to develop a reflective portfolio of learning.

**Hours to be allocated:** 300

#### **Contact hours:**

Independent study/self-guided study = 114 hours

Placement = 475 hours

Face-to-face learning = 36 hours

Total = 625

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/BCA62047-166B-05F9-D641-D6D6E904E134.html?draft=1&lang=en-GB&login=1) via the following link <https://rl.talis.com/3/uwe/lists/BCA62047-166B-05F9-D641-D6D6E904E134.html?draft=1&lang=en-GB&login=1>

## Part 4: Assessment

**Assessment strategy:** Component A: Clinical Portfolio.

This portfolio will include completion of hours and clinical competencies as identified in the practice assessment document.

A minimum of 475 hours of placement hours must be attended in order for you to be summatively assessed; if this minimum is not achieved you will be recorded as a non-submission.

**Rationale:** An opportunity for the student to demonstrate clinical competence through both formative experience and summative assessment in the practice environment. Competencies will be assessed in practice and marked as pass / fail as students need to meet a minimum requirement to practice safely at this level. There is opportunity for students to demonstrate progression of competencies (where appropriate) and receive formative feedback throughout the placement.

**Component B: 2500 word written assignment**

This assignment will explore the importance of effective communication in radiotherapy, including a reflection on a virtual patient scenario.

**Rationale:** To enable students to explore the effectiveness of different methods of communicating with patients and the impact of communication on the patient experience, in preparation for clinical practice. Reflecting on decisions made during the virtual patient scenario and developing academic writing skills will also prepare students for future assignments and virtual patient experiences at level 2 and beyond.

**Formative Assessment**

Students will be offered formative opportunities for their assignment development. Formative feedback will be available from Practice educators on a regular basis in clinical practice.

**Assessment components:****Portfolio - Component A (First Sit)**

Description: Clinical portfolio

Weighting:

Final assessment: No

Group work: No

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

**Written Assignment - Component B (First Sit)**

Description: 2500 word Written assignment

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO3, MO4

**Portfolio - Component A (Resit)**

Description: Clinical portfolio

Weighting:

Final assessment: No

Group work: No

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

**Written Assignment - Component B (Resit)**

Description: 2500 word Written Assignment

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO3, MO4

**Part 5: Contributes towards**

This module contributes towards the following programmes of study:

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