Module Specification

Clinical Radiotherapy Practice 1

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Contents

Part 1: Information

Module title: Clinical Radiotherapy Practice 1

Module code: UZYYE6-30-1

Level: Level 4

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

College: College of Health, Science & Society

School: CHSS 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 prepare you for clinical placement and will allow you to safely apply the principles of evidence based oncology and radiotherapy practice in the clinical environment.

Features: Not applicable

Educational aims: 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. 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. 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.

Outline syllabus: This module will typically include:

Radiotherapy clinical practice placement experience: a placement block (as identified in the practice placement documentation) which will contribute to the minimum overall required practice hours of 1100 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 being 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

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.

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.

Prior to placement there is the delivery of clinical documentation (including Professional code of conduct) and clinical skills sessions (e.g. Basic Life Support and Manual Handling).

During placement, students work under direct clinical supervision and will be provided with support from practice educators and clinical staff throughout their clinical placement. Regular support meetings are held throughout placement with the practice educators. Whilst on placement there are support visits by a link liaison lecturer.

Module Learning outcomes: On successful completion of this module students will achieve the following 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, basic life support, and personal responsibility to look after one's own health and wellbeing.

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 and respecting the need for inclusivity.

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 Demonstrate an understanding of current radiation protection regulations and site protocols regarding cross-infection, manual handling, general health and safety and basic life support

MO6 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 = 360 hours

Face-to-face learning = 36 hours

Total = 510

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/A1EF67C0-4109-9F79-A22C-96641D8E4B5B.html; https://rl.talis.com/3/uwe/lists/BC9E22C3-034A-1736-BD0A-39509D309646.html?lang=en-GB

Part 4: Assessment

Assessment strategy: Assessment A: Clinical Portfolio.

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

A minimum of 360 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.

Assessment 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 on case study and developing academic writing skills will also prepare students for future assignments and virtual patient experiences at level 5 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 tasks:

Portfolio (First Sit)
Description: Clinical portfolio (Pass/Fail)
Weighting: 0 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Written Assignment (First Sit)
Description: 2500 word Written assignment
Weighting: 100 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO2, MO3, MO4, MO5

Portfolio (Resit)
Description: Clinical Portfolio (Pass/Fail)
Weighting: 0 %
Final assessment: No
Group work: No

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

Written Assignment (Resit)
Description: 2500 word Written Assignment
Weighting: 100 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO2, MO3, MO4, MO5

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Therapeutic Radiography {Apprenticeship-UWE} [Glenside] BSc (Hons) 2023-24