



Module Specification

Advanced Radiotherapy Practice

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Part 1: Information

Module title: Advanced Radiotherapy Practice

Module code: UZYYLM-30-3

Level: Level 6

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 examine the legislative, policy and ethical frameworks that inform the future clinical practice of radiotherapy.

Features: Not applicable

Educational aims: The module is designed to enable you to evaluate global developments and trends in technology and to discuss the application of such developments into current and future radiotherapy clinical practice. Developments in

Health and Social Care policy are also examined and their implications to the management of the cancer patient including children, teenagers and young adults is discussed and applied. The exploration of the role of holistic therapies and end of life care in supporting patients and carers throughout their cancer journey will be explored, enabling learners to understand patient's needs and how to signpost to appropriate support services.

Outline syllabus: This module will typically include:

Simulated practice placement- typically over 2 weeks (as identified in the practice placement documentation) which will contribute to the overall required practice hours of 1100 across the programme.

The impact of legislation and policy on current and future cancer management strategies

Advances in radiotherapy treatments (typical examples may include proton therapy, MR Linac, Gamma Knife) and the future of radiotherapy in the UK and globally

Clinical trials and the impact on radiotherapy protocols and policy

The management of paediatric, teenagers and young adults with cancer

Holistic therapies and external support agencies

Rehabilitation

The role of the hospice and end of life strategies in the context of current policy and ethical frameworks.

Part 3: Teaching and learning methods

Teaching and learning methods: Simulated practice will enable students to integrate the theory of supporting and managing complex patient groups in a modelled clinical environment.

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

MO1 Successfully achieve the learning competencies of the clinical portfolio

MO2 Evaluate how legislation, policy and ethical frameworks in the field of cancer services has implications for radiotherapy practice

MO3 Critically evaluate the evidence base which informs and guides clinical trials in oncology

MO4 Critically evaluate innovative global developments and trends in radiotherapy techniques which may impact upon current and future cancer management strategies

MO5 Evaluate cancer treatment strategies and protocols with respect to toxicity and survivorship

MO6 Discuss the role of holistic therapies and end of life care in supporting patients and their carers through their cancer pathway

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 228 hours

Placement = 20 hours

Face-to-face learning = 72 hours

Total = 320

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link

https://uwe.rl.talis.com/lti/consumers/FD5B379E-83DF-EE63-55CE-B8A282E5DA9C/resources/UZYSYN-30-3_19sep_1_7009158_1.html?custom_node_code_replacement=%24%7B1%7D&context_title=UZYSYN-30-3+-

[+Progressive+radiotherapy+and+oncology+studies+19sep_1&resource_link_id=UZY SYN-30-3_19sep_1_7009158_1&roles=Instructor&custom_node_code_regex=%2F%5E%28.%7B11%7D%29.%2A%2F&context_label=UZYSYN-30-3_19sep_1&oauth_consumer_key=FD5B379E-83DF-EE63-55CE-B8A282E5DA9C&embed=true&CSRFToken=b21f607de4e9eeaae8a4bd0fc935708330b3ab75](#)

Part 4: Assessment

Assessment strategy: There are two summative assessment tasks;

Clinical portfolio; A minimum of 20 hours of simulated practice in a scheduled timeframe (typically within a 2 week period) facilitating the achievement of a portfolio evidencing simulated clinical practice to include competencies of learning activities as identified in the practice assessment document. The competencies will be testing student's abilities in a simulated clinical environment designed to enable them to consolidate the skills required for newly qualified radiographers.

Presentation - 20 minutes (maximum), to include 10 minutes of critical questioning. Students will identify an appropriate therapy or strategy and explore this with relevant evidence to demonstrate its role and effectiveness in supporting their chosen patient group. Students will critically evaluate the role of the radiographer in supporting their chosen patient group.

Formative Assessment

Students will undertake formative practice in the simulation environment before undertaking summative assessment competencies.

A formative assessment opportunity will take place in the form of a presentation development workshop with feedback during the session. A presentation gives

students the opportunity to demonstrate key transferable skills for future conference presentations and continued professional development activities.

Assessment tasks:

Portfolio (First Sit)

Description: Clinical portfolio

Weighting:

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO3, MO5, MO6

Presentation (First Sit)

Description: 20 minute Presentation

Weighting: 100 %

Final assessment: Yes

Group work: No

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

Portfolio (Resit)

Description: Clinical portfolio

Weighting:

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO3, MO5, MO6

Presentation (Resit)

Description: 20 minute Presentation

Weighting: 100 %

Final assessment: Yes

Group work: No

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

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