

Module Specification

Module Summary Information

1	Module Title	Advanced Management of the Oncology Patient
2	Module Credits	40
3	Module Level	6
4	Module Code	RAD6065

5	Module Overview
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Rationale:

As a newly qualified therapeutic radiographer you will be expected to manage the needs of the oncology patient on an individual basis, with consideration for the wider factors that may impact upon cancer care. Clinical decision-making, problem solving and autonomous practice are skills that you will need to have in order to effectively manage the patient. This module is designed to apply the knowledge that you gained at levels four and five to complex clinical scenarios, and encourage your progression into an autonomous practitioner.

It is intended that by studying this module you will have the opportunity to:

- Review the anatomy and oncology that underpins clinical decision-making for management of the oncology patient.
- Identify physical, psychological, cultural and social factors that may impact upon patient care and management, such as dementia, obesity, learning disabilities, diabetes, cardiovascular disease, paraneoplastic syndromes and infection.
- Assess how radiotherapy technique may be adapted to the complex needs of individual patients.
- Discuss appropriate end of life care and the psychological impact for the patient and family.
- Critique current clinical trials and newly published research, with particular reference to the impact on patient management.
- Appraise developments in UK cancer treatment, such as gene therapy, viral therapy and proton treatment, and the clinical decision-making behind their use.
- Recognise global variations in cancer care and the implications for UK oncology service development.
- Determine the pharmacological principles for medications that may be prescribed to the oncology patient, and the contraindications of their use.
- Assess the ethical issues surrounding management of the oncology patient, and the impact on patient choice.

Alignment with Programme Philosophy and Aims:

This module aligns with the programme philosophy and aims by advancing your clinical competence and fostering autonomous practice in the development of clinical decision making. The module will increase your awareness of caring for the patient as a whole and encourage you to reflect on your own practice as you develop your skills. This module will encourage you to pursue excellence in your academic and clinical work in applying your knowledge to the clinical environment, with consideration for the multi-disciplinary team. This module will prepare you for employment by ensuring you have

an on-going CPD portfolio and will increase your awareness of global developments in cancer care.

Learning & Teaching Strategy:

This module will comprise of a number of approaches to learning.

Keynote lectures will introduce each topic within the module. However online resources will be provided via Moodle to prepare for each session and introduce the literature surrounding each topic. Pre-session reading will be expected to enable classroom discussions to take place, and there will be significant emphasis on your engagement with the e-learning available.

Workshops will enable students to work in small groups to review anatomy and oncology, and consider how radiotherapy technique and patient management may be adapted to individual patient needs.

The radiotherapy skills rooms will be utilised for students to consider case studies and scenarios in small groups.

Tutorials will be provided with small groups or individuals to discuss the module topics in more detail.

Students will undertake 400 hours of learning activities within this module, which will include a minimum of 30 hours contact time at the university.

Assessment Strategy:

This module has two items of assessment, which are a range of clinical portfolio components and a structured assignment. You will be required to attend clinical placement in order to successfully complete the clinical portfolio.

6	Indicative Content
	<ul style="list-style-type: none"> • Clinical decision making • Making Every Contact Count • End of Life Care • Ethical Issues • Managing the individual • Paraneoplastic syndromes • Genetics and Virology • Proton Treatment • Global variations in cancer care • Adapting technique • Pharmacological principles • Anatomy and oncology • Current clinical trials

7	Module Learning Outcomes
	On successful completion of the module, students will be able to:
	1 Formulate safe and effective clinical decisions based on the individual needs of a patient.
	2 Employ whole-person care in assessing the options for oncology patient management.
	3 Appraise the use of clinical trials and developments in cancer treatment within UK and International healthcare.
	4 Debate the impact of the therapeutic radiographer on patient management.

8 Module Assessment			
Learning Outcome			
	Coursework	Exam	In-Person
1-3	X		
4			X

9 Breakdown Learning and Teaching Activities	
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	32
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	318
Private Study (PS) includes preparation for exams	50
Total Study Hours:	400