

University of the West of England

Module Specification

Revised December 2009

Title	Contemporary Radiotherapy & Oncology Studies
New Code	UZYSKG-40-M
Version	1.1
Versions	
Last Updated	20/04/2010 11:38:05
Level	M
UWE Credit Rating	40
ECTS Credit Rating	20
Module Type	Professional Practice
Module Leader	CHIANESE, J
Module Leaders - Additional	There are no additional module leaders
Owning Faculty	Faculty of Health and Applied Sciences
Faculty Committee approval	HSC Quality and Standards Committee
Faculty Committee approval Date	14/06/2010
Approved for Delivery by	
Field	Allied Health Professions
Field Leader	Dianne Rees
Valid From	01/09/2010
Discontinued From	
Pre-requisites	None
Co-requisites	None
Entry requirements:	None
Excluded combinations	None
Module Handbooks	
Learning Outcomes	

Knowledge and understanding

- Discuss the current research evidence related to the biological basis of cancer development and progression exploring the potential implications for its management (Component A and Component B)
- Explore the nature, scope and significance of policy in the context of critically evaluating the implications for cancer services (Component A and Component B)
- Debate the ethical implications related to the delivery and complications of

radiotherapy applications (Component B)

Intellectual skills

- Critically evaluate the research evidence which informs and guides contemporary radiotherapy practice (Component A and Component B)
- Analyse current and innovative strategies and protocols for improving the therapeutic ratio and prognosis (Component A)
- Critically evaluate and defend the role of radiotherapy and the therapeutic radiographer, within the multidisciplinary team, in the provision of holistic care for patients and families (Component A and Component B)

Subject, Professional and Practice skills

- Demonstrate and apply clinical reasoning in professional practice (Component A)
- Organise and manage own practice within the context of the radiotherapy and oncology team (Component A)
- Adhere to the current relevant code of conduct, regulations and guidelines for Health and Safety (Component A)

Transferable skills

- Develop a critically reflective personal professional portfolio (Component A and Component B)
- Recognise and accept responsibilities for continuing professional development (Component)

Syllabus Outline

Biological basis of cancer

Proto-oncogenes, retro-viruses, genetics and cancer, immunotherapy, biological therapies and emerging developments.

Management of treatment

Radiation morbidity; radiotherapy errors. Strategies for improving delivery of radiotherapy: evaluation of current clinical trials and protocols; equipment, implications of research, innovations and changes for the radiotherapy radiographer and service.

Management of patients that may require specialised care. Management of patients with diverse needs, Consideration of psychological issues and appropriate communication skills. Paediatric oncology and management of the child with cancer.

Ethical and legal responsibilities

Clinical Governance; Role extension and continuous professional development; patient assessment skills, pharmacology and drug interactions; decision making; policy context of practice.

Holistic approach to cancer management

Psycho-social issues, role of complementary therapies; empowerment, social support, local and national support networks; special needs of the terminally ill; bereavement; survivorship and the role of radiotherapy within the context of a holistic, multidisciplinary approach

Professional skills and responsibilities

Management of a wide variety of patients with cancer from the pre-treatment stage to megavoltage treatment delivery; adoption of appropriate professional and ethical behavior; application of current radiation regulations, health and safety policies and guidelines for practice.

Teaching and Learning Methods

A variety of methods will be used which may include lectures; tutorials; seminars; group discussions; VERT practical sessions; directed study; observations and demonstrations; objective-led competencies, supervised practice.

Reading Strategy

Access and Skills

All students will be encouraged to make full use of the print and electronic resources available to them through membership of the University. These include a range of electronic journals and a wide variety of resources available through web sites and information gateways. The University Library's web pages provide access to subject relevant resources and services, and to the library catalogue. Many resources can be accessed remotely. Students will be presented with opportunities within the curriculum to develop their information retrieval and evaluation skills in order to identify such resources effectively. Additional support is available through the *iSkillZone* available via the Library web pages. This includes interactive tutorials on search skills and on the use of specific electronic library resources. Sign up workshops are also offered by the Library.

Essential Reading

Any essential reading will be indicated clearly, along with the method for accessing it, e.g. students may be expected to purchase a set text, be given a print study pack or be referred to texts that are available electronically.

Further Reading

Further reading will be required to supplement the set textbook and other printed readings. The purpose of this further reading is to ensure students are familiar with current research, classic works and material specific to their interests from the academic literature.

Blackboard

This module is supported by Blackboard where students will be able to find all necessary module information. Direct links to information sources will also be provided from within Blackboard

Assessment

Where necessary, and appropriate, an alternative medium of assessment may be negotiated.

Weighting between components A and B (standard modules only) A: % B:%

Final Assessment: Component A Element 1 Component A Element 1

Attempt 1

First Assessment Opportunity (Sit)

Component A

Element	Description	Element Weighting
1	Clinical portfolio to include clinical appraisals	Pass/fail

Component B

Element	Description	Element Weighting
1	15 minute poster presentation	60%
2	2000 word supporting paper	40%

Second Assessment Opportunity (ReSit)

Attendance is not required

Component A

Element	Description	Element Weighting
1	At the discretion of the Award Board	Pass/fail

Component B

Element	Description	Element Weighting
1	15 minute poster presentation	60%
2	2000 word supporting paper	40%

Exceptional Second Attempt (Retake)

Attendance is not required