

Module Details	
Module Title	Haematology and BMT - Understanding Treatment, Management and Care
Module Code	NUR7042-C
Academic Year	2022/3
Credits	30
School	School of Nursing and Healthcare Leadership
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Tutorials	15
Lectures	30
Directed Study	105
Work based learning	150

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1
BDA	University of Bradford / Semester 2
BDA	University of Bradford / Semester 3

Module Aims
To enhance students' knowledge and understanding of haematological disorders, the treatment and care by examining the pathological processes involved and how these influence diagnosis, treatment, care and rehabilitation. To evaluate theoretical evidence and research based knowledge to inform clinical practice, role and service development in haematology and BMT care delivery

Outline Syllabus

Cellular structure and function - haematopoiesis.
 The process of carcinogenesis and metastases.
 Aetiology and epidemiology of haematological disorders
 Patterns of cancer spread for common haematological disorders (eg leukaemia, lymphoma, myeloma). Cancer genetics and genetic counselling. Immune response.
 Diagnostic procedures in haematological malignancy.
 Staging cancers including histopathology.
 Principles of treatment including chemotherapy, radiotherapy, immunotherapy, bone marrow transplant, complementary and alternative therapies.
 Clinical trials including informed consent.
 Ethical, legal and professional issues.
 Common pathophysiological effects of haematological disorders and side effects of treatments including haematological emergencies (SVCO, hypercalcaemia, spinal cord compression, tumour lysis, neutropenia, disseminated intravascular coagulation)
 Systemic effects of haematological disorders.
 National policy influencing cancer service, organisation and delivery across the age spectrum.
 Spectrum of cancer care - prevention/health promotion, cure/survivorship, rehabilitation, palliative, end of life care. Concept of social support, psychological impact of cancer, care approaches.
 Quality assurance issues in cancer care. Multiprofessional and multiagency team working.
 Principles of effective communication.
 Literature review

Learning Outcomes

Outcome Number	Description
1.1	Critically analyse the aetiology & pathogenesis of haematological disorders, the process of carcinogenesis & metastases and the systemic manifestations of haematological disorders.
1.2	Apply knowledge of haematological disorders and critical analysis of current research evidence to critically evaluate detection, diagnosis, treatment & care across the lifespan.
1.3	Critically analyse and examine the rationale for bone marrow transplant.
2.1	Critically evaluate and justify the diagnostic & therapeutic procedures, strategies to minimise side effects, rehabilitation, palliative & end of life care associated with haematological disorders.
2.2	Critically reflect on ethical, legal & professional issues underpinning care & treatment decisions for haematology & BMT patients.
2.3	Critically reflect on own role as part of the multi-professional/ multi-agency team and in development of services.
3.1	Apply a range of advanced interpersonal skills when working with others in complex situations.
3.2	Retrieve and evaluate appropriate information to clinical practice.
3.3	Critically apply specialist knowledge and skills to care of patients with haematological disorders & those receiving BMT in own practice identifying opportunities to advance care & service delivery.

Learning, Teaching and Assessment Strategy

Research informed key lectures will deliver core content; providing students with opportunity to acquire knowledge and an in depth awareness of policy, organisation and delivery of care for this patient group alongside an understanding of the biological basis of cancer and its treatment (LO 1.1, 1.2 1.3).

Group discussions, small group work and informal in-class presentations will enable students to apply this learning to their own role and service examining how multi-agency and multi-professional support works to assess and manage referrals, diagnostic and therapeutic procedures (LO 1.1, 1.2, 1.3, 2.1, 2.2 & 2.3).

Seminars, discussions and tutorials will be used to facilitate teacher/learner/peer dialogue and inter-professional discussion to further development and challenge conceptual understanding through reflection and analysis of models of assessment, care and service delivery (LO 2.1, 2.2 & 2.3)

Directed study provides students with opportunity to undertake reading, participate in enquiry based learning, address individual learnign needs and contextualise learning to students own area of practice (LO 2.1, 2.2, 2.3, 3.1, 3.2).

VLE will be used to provide access to online resources, lecture notes and external links to websites of interest.

Learning objects will involve allocated time within the module for students to engage with specific packages of learning using problem based learning or clinical skills resources.

'Work-based learning' consists of opportunities to participate in practice within own or other clinical area and to enhance acquisition of skills in the interpretation and application of polivy, models of assessment, care and mutli-agency/multi-professional care and service delivery (LO 1, 2 & 3 Assessment 3).

Assessment: Formative assessment will be provided individually through tutor and peer review via discussion boards, in-class work and timetabled sessions. These will be done electronically and via discussion meant to facilitate reflection and student self-assessment. LO 1.1, 1.2, 1.3, 2.1, 2.2 & 2.3,3.1,3.3 are assessed by modes of assessment 1,2,4. LO 2.2, 2.3 & 3.2,3.3 are assessed by mode of assessment 3.

Written Case Study Assessment will test LO: 1.1, 1.2, 1.3, 2.1, 2.2 & 2.3, 3.1, 3.3

Presentation will test LO 2.2, 2.3 & 3.2, 3.3

Clinical Assessment will test LO: 1.1, 1.2, 1.3, 2.1, 2.2 & 2.3, 3.1, 3.3

Online discussion will test LO: 1.1, 1.2, 1.3, 2.1, 2.2 & 2.3, 3.1, 3.3

Mode of Assessment

Type	Method	Description	Weighting
Summative	Coursework - Written	Case study demonstrating understanding of specific haematological disorder and treatment/care. 3000 words	50%
Summative	Presentation	Presentation - an audit & literature review of an aspect of care/service with recommendations for role development	45%
Summative	Clinical Assessment	Completion of competency ooutcomes as defined in practice document (Pass/Fail)	0%
Summative	Coursework - Written	Online Discussion: Students will respond to discussion prompts based on relevant topics for the week?s study and then	5%

Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

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