

Haematology and BMT - Understanding Treatment, Management and Care

Module Code:	NUR7042-C
Academic Year:	2018-19
Credit Rating:	30
School:	School of Nursing and Healthcare Leadership
Subject Area:	Nursing
FHEQ Level:	FHEQ Level 7 (Masters)

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	30
Tutorials	15
Directed Study	105
Other (DO NOT USE)	150

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Semester 1 (Sep - Jan)
BDA	University of Bradford / Semester 2 (Feb - May)
BDA	University of Bradford / Semester 3 (June - Oct)

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

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1
 - 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
 - 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
 - 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

knowledge and develop conceptual understanding (LO1.1, 1.2, 1.3). Seminars and group learning will be used to facilitate teacher/learner/ peer dialogue and inter-professional discussion and further develop and challenge conceptual understanding (LO1.1, 1.2, 1.3. 2.1, 2.2, 2.3.). Directed study provides students with the opportunity to undertake reading, participate in enquiry based learning, address individual learning needs and contextualise learning to the students own area of practice (LO 2.1, 2.2, 2.3,3.1, 3.2, 3.3). Technology will

be used to enhance learning whenever appropriate and may be used to deliver core content. VLE will be used to provide access to online resources, lecture notes & external links to websites of interest and simulation in labs and practicals will be used, if appropriate, to acquire new skills. Other consists of opportunities to participate in practice, enhance acquisition of skills and gain competence (LO2.1 ,.2.2, 2.3 3.1,3.2,3.3). Formative assessment and feedback at individual tutorials, meetings and through electronic communication will facilitate reflection and student self-assessment. LO 1.1,1.2, 1.3, 2.1,2.2, 3.2 are assessed by Mode of Assessment 1 . LO 1.2, 2.1, 2.3, 3.2, 3.1, 3.2, 3.3 are assessed by Mode of Assessment 2. Skills in practice are assessed by mode of assessment 3

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Presentation	Presentation - an audit & literature review of an aspect of care/service with recommendations for role development		50%	No
Summative	Coursework	Case study demonstrating understanding of specific haematological disorder and treatment/care. 3000 words	-3000 words	50%	Yes
Summative	Clinical Assessment	Completion of competency outcomes as defined in practice document (Pass/Fail)	0 hours	%	No

Legacy Code (if applicable)

HNPP749T

Reading List

To view Reading List, please go to [rebus:list](#).

