

Haematology & BMT - Understanding Treatment, Management and Care

Module Code:	NUR6028-C
Academic Year:	2018-19
Credit Rating:	30
School:	School of Nursing and Healthcare Leadership
Subject Area:	Nursing
FHEQ Level:	FHEQ Level 6

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 develop 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 synthesise theoretical evidence and research based knowledge to inform clinical practice and role 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 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 evaluate detection, diagnosis, treatment & care across the lifespan.
 - 1.3 Critically examine the rationale for bone marrow transplant.
- 2
 - 2.1 Evaluate the diagnostic & therapeutic procedures, strategies to minimise side effects, rehabilitation, palliative & end of life care associated with haematological disorders care.
 - 2.2 Analyse ethical, legal & professional issues underpinning care & treatment decisions for haematology & BMT patients.
 - 2.3 Analyse own role as part of the multiprofessional and multiagency team
- 3
 - 3.1 Apply a range of interpersonal skills when working with others.
 - 3.2 Retrieve and apply appropriate information/evidence to clinical practice.
 - 3.3 Identifying developments for own role & care delivery for patients with haematological disorders & those receiving BMT.

Learning, Teaching and Assessment Strategy

Research informed key lectures will deliver core content; providing students with the opportunity to acquire 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	Seminar based literature review (30 minutes) (must pass at 40%)		50%	No
Summative	Coursework	Case study - 3000 words (must pass at 40%)	0 hours	50%	Yes
Summative	Clinical Assessment	Completion of competency outcomes as defined in practice document (Pass/Fail)	0 hours	%	No

Legacy Code (if applicable)

HNPP649T

Reading List

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