NU7681: Nursing Care and Management of Haematological Conditions

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Module Lecturers  Linda Irwin, Sylvia Macken & Specialist Guest Lecturers

Rationale and Aims
Nurses caring for patients with haematological disorders are faced with any one of a wide number of conditions. These include disorders of the bone marrow, the blood itself and the lymphatic system. The aim of this module is to facilitate the nurse to develop and apply the knowledge, attitude and skills required: to care for the haematology patient and his/her significant others during their illness; and to effectively assess, plan, implement and evaluate specialist care for the patient with a haematological illness.

Hours and ECTS credits

<table>
<thead>
<tr>
<th>Assessment Student Effort</th>
<th>Direct Contact</th>
<th>Specified Activities</th>
<th>Self-Directed Learning</th>
<th>Direct Contact: Supervision</th>
<th>Total Hours</th>
<th>ECTS credits</th>
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<td></td>
<td>30</td>
<td>170</td>
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<td>200</td>
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Module Content
- Normal Haemopoiesis
- Immunology
- Nursing care and management of the following conditions:
  - Acute and Chronic Leukaemia
  - Lymphoma
  - Multiple Myeloma
  - Anaemias
  - Haemochromatosis
  - Polycythaemia
  - Neutropenias
- The role of the nurse in blood product therapy and transfusion support
- The haematological nurses’ role in:
  - The psychological care and management of patients with a haematological disorder
  - The nutritional assessment and management of patients with a haematological condition
- Infection control
- Health Promotion
- The legal implications related to care of blood, blood product administration and traceability.

Learning Outcomes
On successful completion of this module, students should be able to:
- Describe normal haemopoiesis.
- Describe the body’s immunological response to an infectious agent.
- Discuss issues involved in diagnosis, treatment and rehabilitation of the patient with a haematological disorder.
- Anticipate and prioritise emergency and non-emergency interventions for the haematology patient and evaluate the outcome of treatment.
- Recognise the psychosocial impact of diagnosis for the patient and their significant others.
- Critically discuss the use of appropriate blood products in line with local, national and international guidelines in relation to the patient with a haematological illness.
- Demonstrate the development and provision of holistic care for the haematology patient.
- Assess, plan, implement and evaluate care of the patient with a haematological disorder.
- Critically discuss the infection control precautions required for a patient with a malignant haematological disorder.
- Discuss health promotion with regard to the patient living with a malignant / non-malignant haematological illness.
- Critically explore the long-term psychosocial needs of patients, and their significant others, who are living with a malignant / non-malignant haematological disorder.
- Recognise the psycho-social impact of living with a haematological condition for the patient and their significant others.
- Critically discuss quality of life issues which impact on a patient’s daily activities.

### Methods of Assessment

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<thead>
<tr>
<th>Method</th>
<th>Description</th>
<th>Weighting</th>
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<tr>
<td>Examination</td>
<td>2 hour written paper. Answer 2 questions out of 3.</td>
<td>100%</td>
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### Indicative Resources – more detailed lists may be provided by lecturers


