NU7683: Nursing Care of the Patient with a Coagulation Disorder

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Module Team  Linda Irwin, Sylvia Macken & Specialist Guest Lecturers

Rationale and Aims
Coagulation disorders can be inherited acquired or arise de novo. Many patients with these conditions face continuous interventions and treatment for the rest of their lives and some disorders have implications for future generations. The aim of this module is to facilitate nurse to develop the knowledge, skills and attitudes necessary: to care for patients suffering from a coagulation disorder and their families; to appreciate the impact of living with a lifelong condition; and to educate patients and their families in relation to inherited coagulopathies.

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>
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<td>170</td>
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Module Content
- Nursing care and management of patients with:
  - Hereditary coagulation disorders
  - Clotting factor deficiencies
- Carrier testing and genetic counselling, related ethical and legal implications
- Women and bleeding disorders
- Nursing care and management of patients with
  - Idiopathic thrombocytopenia
  - Heparin induced thrombocytopenia
  - Thrombophilia
  - Disseminating intravascular coagulation
- The role of the haematological nurse in helping the patient, manage and cope with the psychological and social impact of chronic bleeding/clotting disorder.
- The role of the haematological nurse in health promotion / education
- Nursing care and management of a patient undergoing plasmapheresis
- Nurse led anti-coagulation clinics, drug safety and anticogulants
- Haemovigilance.

Learning Outcomes
On successful completion of this module, students should be able to:
- Discuss the different stages of the clotting cascade.
- Describe the clotting cascades and discuss how they interact to achieve blood clotting
- Assess, plan, implement and evaluate the care of the patient with a coagulation disorder.
- Discuss the current guidelines for the safe administration of factor concentrates.
- Discuss the basic concepts of genetic inheritance and how these can affect future generations
- Recognise the psychosocial impact of a hereditary coagulation disorder for the patient and his/her significant others.
Critically discuss the quality of life issues which impact on a patient’s daily activities.
Critically discuss the appropriate use of factor concentrates in line with local, national and international guidelines.
Critically discuss the effects of anti-thrombolytic drugs on blood clotting.
Discuss health promotion with regard to the patient living with a coagulation disorder.

Methods of Assessment

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<th>Method</th>
<th>Description</th>
<th>Weighting</th>
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<tbody>
<tr>
<td>Written Assignment</td>
<td>Care Study</td>
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Indicative Resources – more detailed lists may be provided by lecturers


Web Sites

Http://www.haemophilia.ie
Http://www.wfh.org
Http://www.thrombosisadvisor.com
Http://www.isth.org