

NURS N8195 : Emergency Nursing Foundation

Module Details	
Module Code:	NURS N8195
Full Title:	Emergency Nursing Foundation APPROVED
Valid From::	Semester 2 - 2021/22 (January 2022)
Language of Instruction:	English
Duration:	1 Semester
Credits::	10
Module Owner::	Geraldine O'Connor
Departments:	Nursing Midwifery & Early Years
Module Description:	This module will allow nurses who care for patients in an Emergency Department to develop their knowledge and skills in the assessment and management of acutely ill patients.

Module Learning Outcome	
On successful completion of this module the learner will be able to:	
#	Module Learning Outcome Description
MLO1	Critically analyse the knowledge and skills required to perform holistic assessment of the patient and family who present to the Emergency Department in emergency and non emergency situations.
MLO2	Critically discuss and demonstrate the advanced knowledge, skills and reflection required to provide ongoing assessment, management and nursing care to patients presenting with sudden or severe medical and surgical illness, sepsis or injury in the Emergency Department.
MLO3	Critically explore the role of the nurse and the interdisciplinary team in the management of patients who require advanced airway management ,advanced cardiac life support, trauma care and emergency medicine planning.
MLO4	Through critical reflection apply the principles of professional accountability, autonomy and effective interpersonal skills required in the safe and effective delivery of care in the Emergency Department.
MLO5	Critically interpret new and existing nursing knowledge through evidence-based practice and critical reflection in the delivery of nursing care to all especially the vulnerable patient.
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named DkIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i>	
No recommendations listed	

Module Indicative Content	
Holistic Patient Assessment and Clinical Decision Making including the IMISTAMBO protocol. • Assessment & monitoring tools used in the ED • Triage in the Emergency Department • Emergency Medicine Early Warning System (EMEWS) • IMEWS, NEWS & PEWS in ED/IU • Health history and Assessment skills • Recognising the deteriorating patient • Interdisciplinary Communication - verbal /written (to include ISBAR3 Communication • Tool) Patient centered care • Principles of Care Planning - Jones Components of Life Tool (or relevant model used) • Patient flow in ED • Safe discharge • Sudden Death / reporting to the Coroner	
Cardiovascular and Respiratory System (supported by simulated/non simulated patient scenarios (Acute chest pain/MI, Respiratory failure, Acute asthma attack) including Cardiac Assessment, Acute Kidney Injury, Respiratory Assessment and ABG Interpretation Cardiovascular Assessment • o Basic rhythm recognition • o Life threatening arrhythmias • o Myocardial infarction • Respiratory Assessment to include Airway Assessment • o Respiratory Support and Airway Management • o Type 1 & Type 2 Respiratory Failure o NIV • Basic procedure and rationale for taking ABGs / basic ABG interpretation • Management of Central Venous Access Devices	
Sepsis Overview Recognition & Management of Sepsis (incl ED Sepsis Pathway and Guidelines) • The oncology patient and recognition of sepsis including management of drains, central and access lines e.g pic line) • Sepsis in pregnancy	
Neurological Assessment Seizure management Stroke including scenarios (Stroke including SALT assessment and Status epilepticus) Neurological Assessment Seizure management Stroke including scenarios (Stroke including SALT assessment and Status epilepticus) • Assessment and managing the patient with reduced levels of consciousness and head injuries, epilepsy / seizures • Causes and diagnosis of Headache related illness • Glasgow Coma Score Scale (NICE Guidelines) • Identification, assessment and management of patient following Stroke (including thrombolysis & embolectomy) • Assessment and management of patient with T.I.A. and syncope	
GI Assessment and bleeds with scenario(s) (Major bleed) GI conditions • Nutritional Needs Assessment • Overview of swallow assessment • RIG / PEG NG management	
Surgical Care of the patient with; • Acute abdomen • GI Bleed • Pancreatitis	
The Older Person, Delirium & Dementia including Delirium Pathway and 4ATs The Older Person as patient; • Identification, assessing and managing Dementia and Delirium • Conducting and interpreting a minimal score • Recognising and assessing the frail older person (Frailty assessment) • Principles of Comprehensive Geriatric Assessment • Falls Risk assessment • NAI	
Endocrine System including DKA / HONK: Diabetes • Management of Type 1 / Type 2 Diabetes • Management of Insulin administration devices • DKA	
Anaphylaxis Management of severe anaphylaxis	
Tissue Viability - Wound Assessment & Care including Pain Management Skin Assessment and Wound Care management Wound assessment Wound closure	
Acute and Chronic Pain Management Acute/Chronic pain assessment, documentation and management	
Paediatric patient including trauma and respiratory distress scenarios Care of the Acutely Unwell Child • The child with sepsis • Sudden Infant Death • Respiratory assessment	
Care of the Acutely Injured Child Care of the Acutely Injured Child	
Obstetric patient Care of the Pregnant Woman Physiological changes of pregnancy Ectopic pregnancy Miscarriage	
Non-life/limb threatening Injuries including Basic splinting and Moulage Overview of upper & lower limb injuries Overview of primary & secondary survey	
Trauma including Fluid Management, Shock and Principles of intra-pleural chest drain management Multiple Trauma Trauma scores Spinal immobilisation* Fluid replacement Fracture Management Burns Inter & intra hospital transfer of the critically ill/injured (Protocol 37)	
Major Emergency Planning Overview of Major Emergency Planning	
Mental Health including overdose & poisoning Acute Mental Health presentations Self-harm Drug & Alcohol addiction Application of Mental Health Legislation in Practice	
Care of the patient with an intellectual disability The acutely unwell person with intellectual disability - communication, management	
Vulnerable Adults Homeless Domestic violence Sexual Assault	
Psychosocial impact of illness Psychosocial aspects of illness on the patient and family	
Stress Management Minding yourself / minding each other (colleagues) / Stress Management	
Future Development Needs Identification of future learning needs - developing and maintaining competency	
Quality Improvement Personal development planning and performance review	

Module Assessment	
Assessment Breakdown	%
Course Work	100.00%

Module Special Regulation

Assessments

Part Time On Campus			
Course Work			
Assessment Type	Continuous Assessment	% of Total Mark	100
Marks Out Of	100	Pass Mark	40
Timing	n/a	Learning Outcome	1,2,3,4,5
Duration in minutes	0		
Assessment Description	n/a		
No Project			
No Practical			
No Final Examination			
Reassessment Requirement			
A repeat examination Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.			
Reassessment Description Repeat Practical assessment			

Module Workload

This module has no Full Time On Campus workload.

Workload: Part Time On Campus

<i>Workload Type</i>	<i>Contact Type</i>	<i>Workload Description</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>	<i>Hours</i>
Lecture	Contact	No Description	Once per semester	2.67	40
Lecture	Contact	Preceptorship training	Once per semester	0.40	6
Tutorial	Contact	on-line contact	Once per semester	2.80	42
Independent Study	Non Contact	Independent Learning	Once per semester	11.20	168
				Total Weekly Learner Workload	17.07
				Total Weekly Contact Hours	5.87

Module Resources

Recommended Book Resources

American College of Surgeons (2004). (2004), Advanced Trauma Life Support for Doctors (ATLS), American College of Surgeons, Chicago.

Hadfield-Law, L.. (2006), Advanced Trauma Nursing Course Provider Manual,, ATNC Steering Group, Oxford.

Royal College of Surgeons in Ireland. (2008), Initial Management of the Severely Injured Patient-Clinical Guidelines, RCSI, Dublin:.

Spahn et al. (2013), Management of bleeding and coagulopathy following major trauma: an updated European guideline., Critical Care, 17 R76., Critical Care, 17 R76..

Saunders. (2017), Emergency Nursing Core Curriculum., UK eLD e-books, UK eLD e-books.

Bickley, S. & Szilagyi, P.. (2017), Bates' Guide to Physical Examination and History Taking, 12th Ed., JB Lippincott, Philadelphia.

Supplementary Book Resources

Accident & Emergency E-Book: Theory and Practice. (2013), Accident & Emergency, Bailliere Tindall, [ISBN: 10-13].

Patricia Kunz Howard. (2009), Sheehy's Emergency Nursing - E-Book: Principles and Practice, Mosby, [ISBN: -10-13].

Dennis Purcell. (2016), Minor Injuries E-Book: A Clinical Guide Churchill, Livingstone, [ISBN: 10-13].

Oxford Handbook of Emergency Nursing (Oxford Handbooks in Nursing). (2016), Emergency Nursing, University Press, [ISBN: -100199688869-139780199688869].

T A Roper. (2015), Clinical Skills Oxford University Press, [ISBN: -100199574928-139780199574926].

Rose Ann O'Shea. (2005), Principles and Practice of Trauma Nursing,, Churchill Livingstone, [ISBN: -100443064059-139780443064050].

American College of Surgeons. Advanced Trauma Life Support Course: Student Manual, American College of Surgeons, [ISBN: -10-13].

Acs 2012 Atls Student Course Manual: Advanced Trauma Life Support. Student course manual, American College of Surgeons, [ISBN: -101880696029-139781880696026].

Recommended Article/Paper Resources

British Journal of Nursing. British Journal of Nursing, British Journal of Nursing.

Journal of Emergency Nursing. Journal of Emergency Nursing, Journal of Emergency Nursing.

Journal of Clinical Nursing. Journal of Clinical Nursing, Journal of Clinical Nursing.

International Emergency Nursing. International Emergency Nursing, International Emergency Nursing.

Other Resources

Website, <https://www.ena.org>. <https://www.ena.org>.

Website, www.trauma.org. www.trauma.org.

Website, www.nmbi.ie. www.nmbi.ie.

Website, <https://www.ena.org> www.trauma.org www.nmbi.ie www.dohc.ie. <https://www.ena.org> www.trauma.org www.nmbi.ie www.dohc.ie.

Website, www.rsa.ie. www.rsa.ie.