



UNIVERSITI TEKNOLOGI MARA

NUR307: NEUROLOGY AND EMERGENCY NURSING

Course Name (English)	NEUROLOGY AND EMERGENCY NURSING APPROVED
Course Code	NUR307
MQF Credit	4
Course Description	no description provided
Transferable Skills	Communication skills Critical thinking skills Problem solving skill
Teaching Methodologies	Lectures, Blended Learning, Industrial Training, Practical Classes, Problem Based Learning (PBL)
CLO	CLO1 Explain trauma and emergency nursing. (PLO1,C2) CLO2 Explain the diagnostic tests used in emergency unit and neurological disorders.(PLO1,PLO2, C5) CLO3 Discuss general principles of emergency care services. (PLO1, PLO2, PLO3, C2) CLO4 Describe the factors that can alter neurological disorders. (PLO1, C5) CLO5 Explain collaborative management of client's in emergency unit and neurological disorders. (PLO1, PLO2, PLO3, PLO4, PLO9, C5)
Pre-Requisite Courses	No course recommendations
Topics	
1. A. Nursing Managements of Client with Neurological Disorders 1.1) 1. Assessing the neurological system and functions 1.2) 1.1 Health assessment 1.3) 1.2 Diagnostic test 1.4) 2. Nursing care of clients with intracranial disorders 1.5) 2.1 Traumatic brain injury 1.6) 2.2 Stroke 1.7) 2.3 Seizures 1.8) 2.4 Intracranial aneurysm 1.9) 2.5 Arteriovenous malformation 1.10) 2.6 Brain tumor 1.11) 2.7 Headache 1.12) 3. Nursing management of clients with spinal cord disorders and central nervous infections 1.13) 3.1 Spinal cord injury 1.14) 3.2 Herniated intervertebral disk 1.15) 3.3 Meningitis 1.16) 3.4 Encephalitis 1.17) 3.5 Brain abscess 1.18) 3.6 Tetanus 1.19) 3.7 Postpoliomyelitis 1.20) 1.21) 1.22) 1.23) 1.24) 4. Nursing management of clients with neurologic disorders 1.25) 4.1 Multiple sclerosis 1.26) 4.2 Myasthenia gravis 1.27) 4.3 Guillain-Barre Syndrome 1.28) 4.4 Trigeminal neuralgia 1.29) 4.5 Bell's Palsy	

- 1.30) 5. Nursing skills
- 1.31) 5.1 Prepare and assisting in lumbar puncture.
- 1.32) 5.2 Perform neurological assessment
- 1.33) 5.3 Administer drug related to neurological disorders

2. B. Nursing Managements of Clients in Emergency Unit

- 2.1) 1. Introduction to trauma and emergency care nursing.
- 2.2) 1.1 History and urgency theories
- 2.3) 1.2 The scope of emergency services
- 2.4) 1.3 Personnel and education preparation
- 2.5) 1.4 Prehospital and base hospital personnel
- 2.6) 1.5 Roles of emergency department staff
- 2.7) 1.6 Communications
- 2.8) 1.7 Legal issues- brought in death, death in casualty.
- 2.9) 2. Approaches to emergency care.
- 2.10) 2.1 Hospital and Disaster triage.
- 2.11) 3. Life support
- 2.12) 3.1 Basic life support (BLS)
- 2.13) 3.2 Advance cardiac life support (ACLS)
- 2.14) 4. Shock
- 2.15) 4.1 Medical-surgical management
- 2.16) 5. Types of emergencies
- 2.17) 6. Multiple-system trauma
- 2.18) 7. Nursing skills
- 2.19) 7.1 Preparation of Emergency trolley
- 2.20) 7.2 Perform Gastric lavage
- 2.21) 7.3 Prepare emergency equipments – spinal board, splint, soft collar
- 2.22) 7.4 Assist in intubation
- 2.23) 7.5 Perform T&S (Toilet and suturing)
- 2.24) 7.6 Perform Venepuncture
- 2.25) 7.7 Perform phlebotomy
- 2.26) 7.8 Administer drug related to emergency disorders

Assessment Breakdown	%
Continuous Assessment	50.00%
Final Assessment	50.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Individual Project	n/a	10%	CLO1 , CLO2 , CLO3 , CLO4 , CLO5
	Presentation	n/a	10%	CLO4 , CLO5
	Test	n/a	15%	CLO1 , CLO2 , CLO3
	Test	n/a	15%	CLO4 , CLO5

Reading List	Recommended Text
	<ul style="list-style-type: none"> • Kozier, B & Erb, G 2006, <i>Fundamental of Nursing: Concepts, Process and Practice</i>, 6th edn Ed., Prentice Hall USA • LeMone & Burke 2008, <i>Medical Surgical Nursing: Critical Thinking in Client Care</i>, 4th edn Ed., Prentice Hall. USA • Potter, PA & Perry, AG 2010, <i>Clinical Nursing Skills & Techniques</i>, 7th edn Ed., Mosby Elsevier St. Louis
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources