

نموذج رقم (١٢)

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

١ - بيانات المقرر		
Elective course : الفرقة/المستوى:	Emergency Intensive care applied nursing تمريض تطبيقي عناية حرجة طوارئ	اسم المقرر:
		EELc 1223
2 credit hours	نظري عملي	عدد الساعات الدراسية:
		B.Sc. in Nursing credit hour system
		التخصص:

<p>This course aims to explore the role of the critical care nurse in the clinical, development of effective communication skills, and the integration of knowledge and practice concepts. This course extends clinical assessment and management skills of the student by exploring critical nursing skills presentations in the intensive care units that develops an critical care nurse who is able to critically assess and evaluate the patient's condition using advanced problem solving skills.</p>	٢ - هدف المقرر:
٣ - المستهدف من تدريس المقرر :	
<p>A.1 List the different positioning of critically ill patients.</p> <p>A.2 Identify common clinical presentations requiring urgent airway assessment and management.</p> <p>A.3 Identify mechanisms of chest tube drainage system.</p> <p>A.4 Describe a variety of patients presenting in ICU who may require intubation.</p> <p>A.5 Describe the normal principles of respiratory anatomy and physiology.</p> <p>A.6 List the key components of a respiratory monitoring.</p> <p>A.7 identify the normal range of oxygen saturation</p>	أ - المعلومات والمفاهيم:

<p>A.8 identify the normal range carbon dioxide</p> <p>A.9 Identify normal arterial and venous blood gas levels.</p> <p>A.10 Define the common lung volumes.</p> <p>A.11 Identify the indications of arterial catheter</p> <p>A.12 Identify the indications for artificial ventilation</p> <p>A.13 Describe nutritional requirement for critically ill patients</p> <p>A.14 Discuss routine nursing intervention of mechanically ventilated patient</p> <p>A.15 Describe ethical and legal concerns related to end-of-life care.</p>	
<p>B.1 Prioritizes nursing care for critically ill patients according to the needs.</p> <p>B.2 assess needs of critically ill patients.</p> <p>B.3 Identify the appropriate actions according to the situations</p> <p>B.4 Analyzes the CVP reading.</p> <p>B.5 Assess level of consciousness by GSC scale .</p> <p>B.6 Integrates assessment data and laboratory tests into a meaningful nursing diagnosis for critically ill patients</p> <p>B.7 Formulates a plan of care for unconscious patient.</p> <p>B.8 Demonstrates critical thinking skills when making decisions for different conditions.</p> <p>B.9 Ensure that the available resources in critical care unit are used efficiently and effectively</p>	<p>ب- المهارات الذهنية الخاصة بالمقرر:</p>
<p>C.1 Utilizes cardiac monitors to identify patient health problems for critically ill patients</p> <p>C.2 Assesses critically ill patients in the intensive care units using secondary surveys.</p> <p>C.3 Demonstrates competent skills in managing critically ill patients (Advance Cardiac Life Support).</p> <p>C.4 Implements the American Heart Association guidelines of basic and advanced life support measures in intensive care units</p> <p>C.5 Demonstrate the process of airway assessment and management.</p>	<p>ج- المهارات المهنية الخاصة بالمقرر:</p>

<p>C.6 Demonstrates skills in handling various equipments utilized in intensive care units.</p> <p>C.7 Demonstrates writing skills in recording of implemented nursing actions in patients notes.</p> <p>C.8 Measures accurately the outcome of nursing actions which can be reflected by cardiac monitoring, vitalsigns or improvement in patients' condition.</p> <p>C.9 Perform airway-opening manoeuvres.</p> <p>C.10 Apply techniques for clearing the airway and inserting airway adjuncts.</p> <p>C.11 Demonstrate endotracheal intubation and tube care</p> <p>C.12 Perform tracheal tube cuff care</p> <p>C.13 Demonstrate basic skills in performing chest physiotherapy including percussion, vibration, Breathing & cough exercise and incentive spirometry.</p> <p>C.14 Demonstrate basic skills in performing ETT suction technique.</p> <p>C. 15 Demonstrate basic skills in performing arterial puncture.</p> <p>C.16 Accurately and confidently perform in measuring central venous pressure.</p> <p>C.17 Demonstrate basic skills in performing chest tube care.</p> <p>C.18 Demonstrate the nursing considerations when administer EN/ TPN for critically ill patients</p> <p>C. 19 Monitor hemodynamic, oxygenation, blood chemistry and acid base balance of critically ill patient</p>	
<p>D.1 Identify the context of critical care unit within the health care continuum.</p> <p>D.2 Appreciate the role of alternative therapies in critical care.</p> <p>D.3 Enhance team work and coordinate activities related to patient care..</p> <p>D.4 Utilize different methods of communications with critically ill patient.</p> <p>D.5 Uses information technology efficiently in critical care settings</p>	<p>د- المهارات العامة:</p>

<p>D.6 Establish professional relationships with colleagues and members of the interdisciplinary team in the critical care practice setting.</p>	
<p>E.1 Demonstrates leadership, knowledge, and accountability by practicing within legal and ethical parameters of nursing practice.</p> <p>E.2 Appreciates team work & coordinate activities related to patient care in critical care settings.</p> <p>E.3 Establishes a professional relationships with colleagues, and members of the interdisciplinary team in critical care settings.</p> <p>E.4 Provides consultations and peer educations for colleagues, less experienced nursing care providers and nursing students.</p> <p>E.5 Shares information, scientific materials and experiences with colleagues.</p>	
<p>1. Positioning of critically ill patients</p> <p>2. Respiratory system</p> <p>A. Airway management</p> <ul style="list-style-type: none"> ▪ Head tilt / Chin lift ▪ Jaw thrust ▪ Oropharyngeal insertion ▪ Endo tracheal tube insertion ▪ ETT care ▪ Tracheostomy care ▪ suction ▪ chest physiotherapy <p>B. Thoracic cavity management</p> <ul style="list-style-type: none"> ▪ chest tube drainage <p>C. Respiratory management</p> <ul style="list-style-type: none"> ▪ Oxygen saturation monitoring by pulse oximetry ▪ Capnograph <p>3. Cardiovascular system</p> <p>A. Cardiac monitoring</p>	<p>٤ - محتوى المقرر:</p>

<p>B. Invasive vascular technique</p> <ul style="list-style-type: none"> ▪ Central venous pressure ▪ Arterial puncture and arterial blood gases. <p>C. Arteria catheter care</p> <p>4. Gastrointestinal system</p> <ul style="list-style-type: none"> ▪ Enteral nutrition via feeding tube ▪ Parenteal nutrition (TPN) <p>5. Nervous system</p> <ul style="list-style-type: none"> ▪ Intracranial pressure monitoring and control 	
<p>1. Procedure application in Skill Lab Simulator:</p> <p>3. Demonstration of clinical skills in hospital clinical settings:</p>	<p>٥- أساليب التعليم والتعلم :</p>
<p>Not applicable</p>	<p>٦- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة :</p>
<p>٧- تقويم الطلاب:</p>	
<p>Direct observation using procedures checklist</p> <p>Objective Structured Clinical Examination</p> <p>Students activities</p>	<p>أ- الأساليب المستخدمة:</p>
<p>1- Semester formative assessment</p>	
<p>a- Semester work</p>	<p>4th up to 10th week</p>
<p>c- Quizzes</p>	<p>8th week</p>
<p>2- Summative assessment</p>	
<p>a- Oral examination</p>	<p>One week after the end of 2nd semester</p>
<p>b- Practical exam</p>	<p>16th week</p>
<p>c- Written examination</p>	<p>Two weeks after the end of 2nd</p>

ب- التوقيت:

		semester		
1-Semester formative assessment			ج- توزيع الدرجات:	
a- Semester work	35 (25%)			
c- Quizzes	10 (5%)			
2- Summative assessment				
a- Practical examination	15 (10%)			
b- Oral examination	15 (10%)			
c- Written examination	75 (50%)			
Total	150 (100%)			
				٨- قائمة الكتب الدراسية والمراجع :
•				أ- مذكرات
•			ب- كتب ملزمة:	
<ul style="list-style-type: none"> Moseley SK. (2013): Introduction to critical care nursing. 6th ed. Elsevier: Saunders,372-376. Urden L, Stacy k, Lough M. (2010): Critical care nursing: Diagnosis and management. 6th ed. St Louis: Mosby Morton PG, Fontaine DK. (2009): Critical care nursing: A holistic approach. 9th ed. Lippincott, Williams & Wilkins 			ج- كتب مقترحه:	
<ul style="list-style-type: none"> LWW Medical Book Collection @OVID EBSCO Academic Search Complete CDC, WHO 			د- دوريات علمية أو نشرات .. الخ	

- Dr. Hanaa H. El-Sayed
- Dr. Mona El Hady
- Dr. Fadia Ahmed

أستاذ المادة:

الهيئة القومية لضمان جودة التعليم والاعتماد

Prof. Dr. Mohammed Ahmed Sultan

رئيس مجلس القسم العلمى: