

نموذج رقم ( 12 )

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

1- بيانات المقرر		
4 <sup>th</sup> level 2018/2019	اسم المقرر: Critical Care Nursing الفرقة/المستوى: التمريض العناية الحرجة	الرمز الكودي: NSc 802
3 Credit hours (theory)	نظري: عدد الساعات الدراسية:	التخصص: B.Sc. in Nursing
3 Credit hours (clinical training)	عملي:	credit hour system

The aim of this course is to help nursing students to acquire knowledge and skills required for providing safe, competent nursing care for critically ill patients in critical care units.	2-هدف المقرر:
By the end of the course the candidate will be able to:	3-المستهدف من تدريس المقرر
A.1 Identify physiological response of critically ill patients to stress and sources of stress in critical care units.	أ- المعلومات والمفاهيم:
A.2 Recall knowledge related to different critical care conditions.	
A.3 Explain causes and risk factors of different critical care conditions.	
A.4 Recognize the effect of different critical conditions on body systems.	
A.5 Identify appropriate nursing intervention for critically ill patients with different critical conditions.	
B.1 Integrate knowledge from different disciplines into critically ill patient care.	ب- المهارات الذهنية الخاصة بالمقرر:
B.2 Differentiate between pathophysiology, clinical manifestations, diagnostic studies and management of different critical conditions.	
B.3 Develop critical thinking and problem solving abilities in prioritizing,	

<p>planning, providing and evaluating nursing care for different critical conditions.</p> <p>B.4 Select appropriate nutrition for different critical care conditions.</p> <p>B.5 Interpret critically ill patients' parameters to identify appropriate management.</p> <p>B.6 Design health teaching plans for critically ill patients with different medical diagnosis.</p> <p>B.7 Utilize nursing process as a framework for planning, implementing and evaluating critically ill patient care.</p>	
<p>C.1 Perform complete physical assessment for critically ill patients.</p> <p>C.2 Monitor hemodynamic parameters of critically ill patients in critical care units.</p> <p>C.3 Perform nursing procedures for critically ill patients efficiently.</p> <p>C.4 Demonstrate technical skills in managing equipment and machines in critical care units.</p> <p>C.5 Apply ethical, legal and professional standards when caring for critically ill patients.</p>	<p>ج- المهارات المهنية الخاصة بالمقرر:</p>
<p>D.1 Show responsibility for learning to be an active team member in critical care units.</p> <p>D.2 Demonstrate effective communication skills when dealing with patients and their families, health care team, colleagues and faculty teachers.</p> <p>D. 3 Demonstrate skills in dealing with technology, machines, and equipment in intensive care unit.</p>	<p>د- المهارات العامة:</p>
<p>E.1 Apply the principles of privacy and confidentiality in dealing with critically ill patients.</p> <p>E.2 Show professional respect in communicating with teachers, colleagues, patients, families, and health care team.</p>	

<p><b><u>Theory</u></b></p> <p><b>Unit I: Fundamental concepts of critical care</b></p> <ul style="list-style-type: none"> <li>• Caring for the critically ill patient</li> <li>• Ethical and legal issues in critical care units</li> <li>• Palliative care</li> </ul>	<p>4- محتوى المقرر:</p>
<p><b>Unit II: Common Problems in Critical Care</b></p> <ul style="list-style-type: none"> <li>• Pain</li> <li>• Stress</li> <li>• Nutritional alteration</li> <li>• Sleep alteration</li> </ul> <p><b>Unit III: Respiratory Alterations</b></p> <ul style="list-style-type: none"> <li>• Pulmonary embolism</li> <li>• Acute respiratory failure</li> <li>• Care of a patient on mechanical ventilation</li> </ul> <p><b>Unit IV: Cardiovascular Alterations</b></p> <ul style="list-style-type: none"> <li>• Hemodynamic monitoring</li> <li>• Cardiac dysrhythmia</li> <li>• Cardiac catheterization</li> <li>• Cardiac surgery</li> </ul> <p><b>Unit V: Neurological Alteration</b></p> <ul style="list-style-type: none"> <li>• Stroke</li> <li>• Gallian Barré syndrome and mythnia gravies</li> </ul> <p><b>Unit VI: Renal Alterations</b></p> <ul style="list-style-type: none"> <li>• Acute kidney injury</li> </ul> <p><b>Unit VII: Gastrointestinal Alterations</b></p>	<p>4- محتوى المقرر:</p>

- Fulminate hepatic failure

### **Unit VIII: Endocrine Alterations**

- Thyroid crisis
- Pituitary crisis

### **Unit IX: Integumentary Alterations**

- Burns

### **Unit X: Multisystem Alterations**

- Multiple organ dysfunction syndrome

### **Practical**

#### **1) Respiratory Management**

- Invasive procedures
  - Endotracheal tube intubation and care
  - Tracheostomy care
  - Tracheal cuff pressure measurement
  - Tracheal suctioning
  - Chest tube care (multi-bottle system)
  - Arterial puncture and arterial blood gases interpretation
- Noninvasive procedures
  - Pulse oxymeter
  - Capnograph
  - Chest physiotherapy
  - Incentive spirometry

#### **2) Cardiovascular Management**

- Invasive monitoring
  - Central venous pressure measurement
  - Arterial catheter care

<ul style="list-style-type: none"> <li>• Noninvasive monitoring             <ul style="list-style-type: none"> <li>○ Cardiac monitor</li> </ul> </li> <li>• Care of cardiac catheterization</li> </ul> <p><b>3) Nutrition for Critically Ill Patient</b></p> <ul style="list-style-type: none"> <li>• Enteral feeding (EF)</li> <li>• Total parenteral nutrition (TPN)</li> </ul> <p><b>4) Drug Calculation</b></p> <p><b>5) Critically Ill patient's Evidence Based Care</b></p> <ul style="list-style-type: none"> <li>• Positioning and mobilization</li> <li>• Eye care</li> <li>• Mouth care</li> <li>• Skin care and needle stick injury management</li> </ul>	
<ul style="list-style-type: none"> <li>• Interactive lectures</li> <li>• Group discussion</li> <li>• Case study</li> <li>• Clinical training</li> </ul>	<p>5- أساليب التعليم والتعلم :</p>
<p>According to the faculty procedures to caring for defaulters students</p> <ul style="list-style-type: none"> <li>- Special group discussion</li> <li>- Office hours schedule</li> </ul>	<p>6- أساليب التعليم والتعلم للطلاب ذوى القدرات المحدودة :</p>
	<p>7- تقويم الطلاب:</p>
<p>1- Semester work:</p> <ul style="list-style-type: none"> <li>a- Midterm exam</li> <li>b- Assignments</li> <li>c- Clinical evaluations</li> </ul> <p>2- Summative assessment that include:</p> <ul style="list-style-type: none"> <li>a- Clinical examination</li> <li>b- Oral examination</li> <li>c- Written examination</li> </ul>	<p>أ- الأساليب المستخدمة:</p>

1- Semester summative assessment		ب - التوقيت:
a- Midterm exam	9 <sup>th</sup> week	
b- Assignments	4 <sup>th</sup> to 12 <sup>th</sup> weeks	
c-Clinical evaluations	6 <sup>th</sup> and 9 <sup>th</sup> weeks	
2- Final Summative assessment		
a- Clinical examination	16 <sup>th</sup> week	
b- Oral examination	16 <sup>th</sup> week	ج- توزيع الدرجات:
c- Written examination	17 <sup>th</sup> - 18 <sup>th</sup> weeks	
1-Semester summative assessment		
a- Clinical evaluations	180 (30%)	
b- Midterm exam	60 (10%)	
2- Final Summative assessment		
a- Clinical examination	90 (15 %)	
b- Oral examination	30 (5%)	
c- Written examination	240 (40%)	
<b>Total</b>	<b>600 (100%)</b>	
<b>8- قائمة الكتب الدراسية والمراجع :</b>		
		أ- مذكرات
<ul style="list-style-type: none"> <li>• Morton P &amp; Fontaine D (2016). Critical Care Nursing: A Holistic Approach. 10<sup>th</sup> Edition. Philadelphia: Lippincott Williams &amp; Wilkins.</li> <li>• Urden L, Stacy K &amp; Lough M (2016). Priorities in Critical Care Nursing. 7<sup>th</sup> Edition. USA: Elsevier.</li> <li>• Aitken, L., Marshall, A., &amp; Chaboyer, W. (2015.). ACCNS Critical Care Nursing (3rd ed.). China: Elseiver Mosby.</li> <li>• Burns, S.M., &amp; Delgado, S.A. (2016). Acute And Critical Care. New York: McGraw Hill Education.</li> <li>• Gurjar, M. (2016). Manual Of ICU Procedures. New Delhi/London/Philadelphia/Panama: The Health Sciences Publisher.</li> </ul>		ب- كتب ملزمة:
<ul style="list-style-type: none"> <li>• Mehta, Y., Sharma, J., &amp; Gupta, M.K. (2016). Text Book of Critical Care.</li> </ul>		ج- كتب مقترحه:

<p>New Delhi/London/Philadelphia/Panama: The Health Sciences Publisher.</p> <ul style="list-style-type: none"> <li>• Rungta,N., &amp; Pande, R. (2016). Critical Care. New Delhi/London/Philadelphia/Panama: The Health Sciences Publisher.</li> <li>• Singh,V.K. (2017). A Manual Of Intensive Care. New Delhi/London/ /Panama: Jaypee Brothers Medical Publishers.</li> <li>• Simon, E. (2017). Critical Care Nursing Practice Guide (2nd ed.). New Delhi/London/ /Panama: Jaypee Brothers Medical Publishers.</li> </ul>	
	<p>د- دوريات علمية أو نشرات .. الخ</p>

<p>مجلس رقم (134) بتاريخ 2014/6/18</p>	<p>معتمد بموافقته مجلس الكلية</p>
<p>بتاريخ 2018/10/8</p>	<p>تم مراجعته وتحديثه طبقا للمعايير الاكاديمية القومية المرجعية بتاريخ</p>
<p>منسق المقرر  أ.م.د/ ناهد عطيه قنديل  د/ هناء حسين  د/ هند السيد</p>	<p>رئيس القسم العلمي  أ.م.د/ ناهد عطيه قنديل</p>