

نموذج رقم ( ١٢ )

جامعة: Mansoura

كلية: Nursing

قسم: Critical Care and Emergency Nursing

توصيف مقرر دراسي

١ - بيانات المقرر		
2 <sup>nd</sup> level (4 <sup>th</sup> semester)	Emergency Nursing تمريض طوارئ	Nurs.402
3 credit hours 3 credit hour	نظري عملي	الرمز الكودي: التخصص: B.Sc. in Nursing credit hour system

<p>This course aims to provide students with knowledge and skills that are required in providing comprehensive emergency nursing interventions for patients in emergencies by using basic principles of emergency care and triage at emergency care units.</p>	٢ - هدف المقرر:
٣ - المستهدف من تدريس المقرر :	
<p>A1. Describe the clinical pictures and diagnostic measures of patients with the different pulmonary alterations in emergency care settings (e.g. pulmonary edema, and pulmonary embolism).</p> <p>A2. Discuss the clinical pictures and diagnostic measures of patient with the different cardiovascular alterations (e. g acute coronary syndrome).</p> <p>A3. Determine clinical pictures and diagnostic measures of patients with Chest trauma</p> <p>A4. identify clinical pictures and diagnostic measures of patients with GIT bleeding.</p> <p>A5. Discuss appropriate interventions for common dysrhythmias</p> <p>A6. Enumerate nursing management of the different gastrointestinal alterations such as upper gastrointestinal bleeding.</p>	أ - المعلومات والمفاهيم:

<p>A7. Classify nursing interventions in different emergency conditions as head injury.</p> <p>A8. Determine nursing management of patients with a spinal cord injury.</p> <p>A9. Discuss nursing management of patients with endocrine emergencies as diabetic ketoacidosis, hyperglycemia and hypoglycemia.</p> <p>A10. Mention nursing interventions of shock to their pathophysiology.</p> <p>A11. Discuss emergency care, and resuscitation of trauma patients.</p> <p>A12. Identify medications used in emergency care, including use, action, side effects, and nursing implications.</p>	
<p>B1. Prioritizing skills in order to identify health problems in the emergency phase of disasters.</p> <p>B2. Classify patient's according to the severity of illness or injury through application of triage process emergency care settings.</p> <p>B3. Selects the appropriate health indicators to be used in health assessment for patients with traumatic injuries.</p> <p>B4. Interprets and analyze ECG tracing</p> <p>B5. Recognize the different types of dysrhythmias from ECG tracing</p> <p>B6. Integrates the results of health history, physical and laboratory test into a meaningful nursing diagnosis for patients with Circulatory Shock.</p> <p>B7. Integrates the results of health history, physical and laboratory test findings into a meaningful nursing diagnosis for patients with Acute abdominal pain.</p> <p>B8. Formulate a plan of care of the trauma patient, including prevention of complications.</p> <p>B9. Use critical thinking problem solving within a decision making framework to provide comprehensive care in the emergency care practice setting</p>	<p>ب- المهارات الذهنية الخاصة بالمقرر:</p>
<p>C1. Utilize cardiac monitors to identify patient health problems for patients with cardiovascular and emergency life threatening problems.</p>	<p>ج- المهارات المهنية الخاصة بالمقرر:</p>

<p>C2. Assess patients with emergent immediately life threatening conditions through primary and secondary survey.</p> <p>C3. Demonstrate advance skills/ competence in managing critically ill patients including Advance Cardiac Life Support.</p> <p>C4. Implement the American Heart Association guidelines of basic and advanced life support measures in emergency situations</p> <p>C5. Apply psychosocial, legal, and ethical issues related to resuscitation management.</p> <p>C6. Demonstrates ethical principles and legal concepts related to emergency care nursing.</p> <p>C7. Demonstrate advance skills/ competence in managing patients with emergency including Advance Cardiac Life Support.</p> <p>C8. Demonstrate skills in handling various equipments utilized in emergency care settings.</p> <p>C9. Writes accurately the implemented nursing actions which should be complete, precise, accurate, and relevant.</p> <p>C10. Uses the formulated documentation formats in emergency care settings</p> <p>C11. Retrieve documents in a way that ensure information confidentiality</p> <p>C12. Measures accurately the effect of nursing actions which can be reflected by cardiac monitor, ABG, vital signs or improving of patients' health condition.</p>	
<p>D1. Enhance team work and coordinate activities related to patient care in emergency care settings.</p> <p>D2. Participate in peer education during clinical practice in various emergency care settings and in skill laboratory during open lab hours.</p> <p>D3. Uses information technology efficiently through web site learning.</p> <p>D4. Apply basic principles of health teaching of patient.</p> <p>D5. Develop a shared vision and common goal for the team.</p>	<p>د - المهارات العامة:</p>

<p>D6. Define member roles and responsibilities</p> <p>D7. Involve with all team members in assigned activities, meetings and discussion.</p> <p>D8. Acknowledge the effort of other colleagues in the team</p>	
<p>E1. Demonstrate leadership, knowledge, and accountability by practicing within legal and ethical parameters of nursing practice.</p> <p>E2. Appreciate team work &amp; coordinate activities related to patient care in emergency care settings.</p> <p>E4. Establish a professional relationships with colleagues, and members of the interdisciplinary team in emergency care settings.</p> <p>E5. Provide consultations and peer educations for colleagues, less experienced nursing care providers and nursing students.</p> <p>E6. Shares information, scientific materials and experiences with colleagues.</p>	
<p><b>1. Theoretical Contents</b></p> <p><b>Unit I: Early issues in the emergency department:</b></p> <ul style="list-style-type: none"> <li>•Triage in Emergency Room</li> </ul> <p><b>Unit II: Major trauma</b></p> <ul style="list-style-type: none"> <li>•Head injuries</li> <li>•Spinal injuries</li> <li>•Chest trauma</li> <li>•Multiple trauma</li> </ul> <p><b>Unit III: Respiratory emergencies</b></p> <ul style="list-style-type: none"> <li>• Pulmonary embolism</li> <li>• Pulmonary edema</li> <li>• Respiratory insufficiency</li> </ul> <p><b>Unit IV: Cardiovascular emergencies</b></p> <ul style="list-style-type: none"> <li>• Acute coronary syndrome</li> </ul>	<p>٤ - محتوى المقرر:</p>

- Arrhythmia
- Circulatory Shock

### **Unit V: Gastro-intestinal emergencies**

- Acute abdominal pain
- GIT bleeding

### **Unit VI: Endocrine emergencies**

- Diabetic ketoacidosis
- Hyperglycemia
- Hypoglycemia

### **Unit VII: Emergency drugs**

#### **Practical contents:**

#### **I. Respiratory emergencies**

##### **1. Airway control**

- Head tilt / Chin lift
- Jaw thrust

##### **2. Airway adjacent**

- Oropharyngeal airway
- Nasopharyngeal airway
- O2 therapy
- Inhalation therapy & Nebulizer
- Suctioning

#### **II. Cardiovascular emergencies**

- Twelve leads Electrocardiograph
- In Hospital cardiopulmonary resuscitation
- Crash Cart
- Precordial shock Defibrillation & Cardioversion

#### **II. Gastrointestinal emergencies**

1. Nasogastric tube insertion

2. Gastric lavage		
1. Interactive Lecture 2. Procedure application in Skill Lab Simulator 3. Demonstration of clinical skills hospital clinical settings		٥- أساليب التعليم والتعلم :
Not applicable		٦- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة :
		٧- تقويم الطلاب :
<b>A- Assessment Methods</b> <ul style="list-style-type: none"> <li>• Direct observation using procedures checklist</li> <li>• Objective Structured Clinical Examination (OSCE)</li> <li>• Written examination</li> <li>• Oral exam</li> </ul>		أ- الأساليب المستخدمة:
<b>1- Semester summative assessment</b>		ب- التوقيت:
a- Written quiz 1	3 <sup>rd</sup> week	
b- Field trip reports	4 <sup>th</sup> , 6 <sup>th</sup> , 7 <sup>th</sup>	
c- Written trigger solution	10 <sup>th</sup> week	
d- Written quiz 2	8 <sup>th</sup> week	
e- Searching literatures	3 <sup>rd</sup> up to 7 <sup>th</sup> week	
d- Participation of PBL tutorials	3 <sup>rd</sup> up to 9 <sup>th</sup> week	
<b>2- Final summative assessment</b>		
a- Project Presentation oral examination	16 <sup>th</sup> week	
b- Written examination	17 <sup>th</sup> week	
<b>1-Semester summative assessment</b> <b>A- Semester activities</b> a- Field trip reports		ج- توزيع الدرجات:
	<b>90 marks (30%)</b>	
	27 marks (9%)	

b- Participation of PBL tutorials	24 marks (8 %)	
c- Searching literatures	15 marks (5%)	
d- Written trigger solution	24 marks (8%)	
<b>B- Semester written examination</b>	<b>60 marks (20%)</b>	
a- Written quiz 1	30 marks (10%)	
b- Written quiz 2	30 marks (10%)	
<b>2- Final summative assessment</b>		
a- Project Presentation oral examination	30 marks (10%)	
b- Written examination	12 marks (40 %)	
<b>Total</b>	<b>600 (100%)</b>	
<b>٨- قائمة الكتب الدراسية والمراجع :</b>		
_____		أ- مذكرات
_____		ب- كتب ملزمة:
<ul style="list-style-type: none"> <li>• Dolan B, Holt L: Accident and emergency: theory into practice, Saunders/Elsevier(2008)</li> <li>• John W, Pamoule (2005): Practical resuscitation: recognition and response ,blackwellpub</li> </ul>		ج- كتب مقترحه:
<ul style="list-style-type: none"> <li>• LWW Medical Book Collection @OVID</li> <li>• EBSCO Academic Search Complete</li> <li>• CDC, WHO</li> </ul>		د- دوريات علمية أو نشرات .. الخ

Dr. Hanaa Hussien

Dr. Mona M. El-Hady

Dr. Fadia Ahmed

Prof Dr. Mohamed Sultan

أستاذ المادة:

رئيس مجلس القسم العلمي: