

نموذج رقم (١٢)

جامعة: Mansoura

كلية: Nursing

قسم: Critical and Emergency Care Nursing

توصيف مقرر دراسي

١- بيانات المقرر		
5 Th level 10 th semester	الفرقة/المستوى:	اسم المقرر:
	Cardio-thorax and open heart surgery Applied Nursing تمريض تطبيقي جراحة صدر وقلب مفتوح	APC1001
— 4 credit hour	نظري عملي	الرمز الكودي: التخصص:
	عدد الساعات الدراسية:	B.Sc. in Nursing credit hour system

This course aims to enable students to demonstrate high technical skills in caring for critically ill patients with cardio-thorax surgery and/ or open-heart surgery including chest physiotherapy, thoracic cavity management and respiratory monitoring, as well as to develop leadership skills that are required in such department.	٢- هدف المقرر:
	٣- المستهدف من تدريس المقرر :
—	أ- المعلومات والمفاهيم:
B1. Differentiates between pneumothorax and hemothorax B2. Identify principles of cardiopulmonary bypass B3. Analyzes the different factors that affect cardiopulmonary bypass B4. Compares the observed environmental factors with preoperative phase B5. Analyzes the diagnostic studies before operation B6. Identify how to teach patient before procedure B7. Identify how to assessment patient after surgery	ب- المهارات الذهنية الخاصة بالمقرر:

<p>C1. Assess factor affecting cardiopulmonary by pass</p> <p>C2. Assess cardiac status before and after surgery</p> <p>C3. Assess the values, preferences of, and aggregate</p> <p>C4. Record medical data for the patients before and after surgery</p> <p>C5. Assess pain sites and management</p> <p>C6. Assess wound and demonstrates wound care</p> <p>C7. Determine the effectiveness of cardiac output through clinical observation and routine measurement</p> <p>C.8 Ensure adequate gas exchange</p> <p>C9. Record the observation of nursing diagnosis for cardiac surgery patient</p>	<p>ج- المهارات المهنية الخاصة بالمقرر:</p>
<p>D1. Develop a shared vision and common goal for the team</p> <p>D2. Define member roles and responsibilities</p> <p>D3. Involve with all team members in assigned activities</p> <p>D4. Works towards achievement of the group's learning goals</p> <p>D5. Accept conflicts and diversity</p> <p>D6. Shows ability to change his/her point of view in light of new information given or obtained</p> <p>D7. Develop a plan to fulfill learning needs</p>	<p>د- المهارات العامة:</p>
<p>E1. Shares information, scientific materials and experiences with colleagues.</p> <p>E2. Establish a professional relationships with colleagues, less experienced nursing care providers and nursing students</p> <p>E3. Demonstrate consultations and peer educations for colleagues, less experienced nursing care providers and nursing students.</p>	
<p>Unit I: Introductory Session</p> <ul style="list-style-type: none"> • Concepts of cardiothoracic surgeries <p>Unit II: Cardiothoracic interventions</p> <p>1. Percutaneous coronary management technique:</p>	<p>٤- محتوى المقرر:</p>

<ul style="list-style-type: none"> • PTCA • CABAG • Percutaneous balloon valvuloplasty <p>2. Circulatory support therapy</p> <ul style="list-style-type: none"> • Intra-aortic balloon pump counter pulsation • Mechanical circulatory support <p>3. Management of dysrhythmias</p> <ul style="list-style-type: none"> • Radiofrequency catheter ablation • Implantable cardioverter defibrillators <p>Unit III: preoperative nursing care of the patient undergoing cardiac surgery</p> <ul style="list-style-type: none"> • Initial assessment • Diagnosis studies • Medication • Preoperative teaching • Chest physiotherapy <p>Unit IV: post cardiac surgery</p> <ul style="list-style-type: none"> • Restor cardiac out put • Maintain patant airway • Care of the wound and mangement pain • Thoracic cavity management (Chest tube) 	
<p>1-Small group work</p> <p>2. Clinical guideline</p> <p>3. Standardized case study (hospital training)</p>	<p>٥- أساليب التعليم والتعلم :</p>
<p>Not applicable</p>	<p>٦- أساليب التعليم والتعلم للطلاب ذوى القدرات المحدودة :</p>

٧- تقويم الطلاب:

<p>1- Semester summative evaluation that include:</p> <p>a. Direct observation of student's clinical performance</p> <p>b- Assignment reports</p> <p>c- Complete patient assessment sheet</p> <p>2- Summative final assessment that include:</p> <p>a- Clinical exam</p> <p>Objective Structured Clinical Examination (OSCE) metho</p> <p>Real clinical exam</p>		<p>أ- الأساليب المستخدمة:</p>
<p>1- Semester summative evaluation</p>		<p>ب- التوقيت:</p>
<p>a- Student's clinical performance 1 (standardized case study)</p>	<p>3rd week</p>	
<p>b- Student's clinical performance 2</p>	<p>6th week</p>	
<p>c- Student's clinical performance 3</p>	<p>9th week</p>	
<p>d. Complete patient assessment sheet</p>	<p>2^{ed} to 11th week</p>	
<p>e- Assignment reports</p>	<p>10th week</p>	
<p>2- Final summative evaluation</p>		
<p>a- Clinical exam</p>	<p>12th week</p>	
<p>1-Semester summative Evaluation</p> <p>a- Student's clinical performance 1</p> <p>b- Student's clinical performance 2</p> <p>c- Student's clinical performance 3</p> <p>d. Complete patient assessment sheet</p> <p>e- Assignment reports</p> <p>2- Final summative Evaluation</p> <p>a- Clinical exam</p> <p>Total</p>	<p>240 marks (60%)</p> <p>40 marks (10%)</p> <p>40 marks (10%)</p> <p>40 marks (10%)</p> <p>60 marks (15%)</p> <p>60 marks (15 %)</p> <p>160 marks (40%)</p> <p>400 (100%)</p>	<p>ج- توزيع الدرجات:</p>

٨- قائمة الكتب الدراسية والمراجع :

<p>_____</p>	<p>أ- مذكرات</p>
<p>_____</p>	<p>ب- كتب ملزمة:</p>
<ul style="list-style-type: none"> • Doughty B. (2008). Cardiac surgery. J Wound Ostomy Continece Nurs; 35(1):76-78. • Hulzebos, EHJ; Smit Y, Helder PPJM, van Meeteren NLU (14 November 2012). "Preoperative physical therapy for elective cardiac surgery patients". Cochrane Database of SystematicReviews(11).doi:10.1002/14651858.CD010118.pub2. Retrieved 27 June 2013. • Institute for Quality and Efficiency in Health Care (IQWiG). "Complications after surgery: Can quitting smoking before surgery reduce the risks?". Informed Health Online. IQWiG (Institute for Quality and Efficiency in Health Care). Retrieved 27 June 2013. • Stark J, Gallivan S, Lovegrove J, et al. (March 2000). "Mortality rates after surgery for congenital heart defects in children and surgeons' performance". Lancet 355 (9208): 1004–7.doi:10.1016/S0140-6736(00)90001-1. PMID 10768449. • Klitzner TS, Lee M, Rodriguez S, Chang RK (May 2006). "Sex-related disparity in surgical mortality among pediatric patients". Congenit Heart Dis 1 (3): 77–88. doi:10.1111/j.1747-0803.2006.00013.x. PMID 18377550. • Newman M, Kirchner J, Phillips-Bute B, Gaver V, Grocott H, Jones R, Mark D, Reves J, Blumenthal J (2001). "Longitudinal assessment of neurocognitive function after coronary-artery bypass surgery". N Engl J Med 344 (6): 395–402.doi:10.1056/NEJM200102083440601. PMID 11172175. 	<p>ج- كتب مقترحه:</p>
<ul style="list-style-type: none"> • www.pubmed .com 	<p>د- دوريات علمية أو</p>

<ul style="list-style-type: none">• www.nursingresearch.com• www.nursingcenter.com	نشرات .. الخ
---	--------------

أستاذ المادة:

رئيس مجلس القسم العلمى: