

نموذج رقم (12)

جامعة: Mansoura

كلية: Nursing

قسم: Gerontological Nursing

توصيف مقرر دراسي

1- بيانات المقرر		
2 nd level (4 th semester)	الفرقة/المستوى:	Pathophysiology and Clinical pathology باطوفسيولوجيا والباثولوجيا إكلينيكية
2credit hours 1credit hour	عدد الساعات الدراسية: نظري عملي	اسم المقرر: Msc.404
		الرمز الكودي: B.Sc. in Nursing credit hour system
		التخصص:

This course aims to equip nursing student with basic principles of the clinical pathology, how pathological processes are manifested, progress in the body, and primary and secondary effects. In addition it aims to provide students with knowledge about the characteristics and skills of obtaining different types of specimens for different laboratory test as well as the skills to interpret the results of laboratory tests.	2- هدف المقرر:
By the end of the course the candidate will be able to:	3- المستهدف من تدريس المقرر
A1. Identify different laboratory tests used in medicine. A2. Mention steps for specimen collection for different laboratory tests. A3. State diagnostic criteria of different health diseases. A4. State different body function profiles for training. A5. Mention factors affecting lab results and sources of errors in in results. A6. Identify the different laboratory tests used for screening, diagnosis and follow up of various disorders.	أ- المعلومات والمفاهيم:

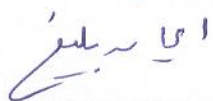

<p>A7. List different laboratory tests for some specific disease.</p> <p>A8. Identify the value of laboratory investigations.</p>	
<p>B1. Interpret different laboratory tests used to evaluate health problems</p> <p>B2. Correlate the result of lab tests with patient signs and symptoms of disease</p> <p>B3. Assess the effectiveness of individual tests, strategies and protocols for the investigation of a disease (e.g. Diabetes, liver disease).</p> <p>B4. Integrate patients' data and basic knowledge to select appropriate laboratory tests that help in diagnosis and management.</p> <p>B5. Interpret laboratory case report results.</p> <p>B6. Formulate a systematic approach for laboratory diagnosis of common clinical conditions.</p> <p>B7. Judge the appropriate blood product for management of different clinical situations.</p> <p>B8. Explain laboratory findings.</p>	<p>ب- المهارات الذهنية الخاصة بالمقرر:</p>
<p>C1. Perform different laboratory tests.</p> <p>C2. Apply safety precautions while working in the lab and operating lab equipment.</p> <p>C3. Prepare, sterilize and use commonly used microbiological media and biochemical reactions for identification of pathogens.</p> <p>C4. Visualize different types of human samples and tubes used in laboratory investigations.</p> <p>C5. Assess differential diagnosis of different health problems.</p> <p>C6. Use information technology to access, evaluate and interpret scientific data.</p>	<p>ج- المهارات المهنية الخاصة بالمقرر:</p>
<p>D1. Demonstrate effective written and oral skills for presentation of scientific information to different audiences in the field of clinical pathology.</p> <p>D2. Present clear medical reports.</p>	<p>د- المهارات العامة:</p>

<p>D3. Co-operate efficiently in a multi- professional team working.</p> <p>D4. Provide appropriate ethics and respect to deal with patient's samples and results reports.</p> <p>D5. Communicate ideas based on scientific information.</p> <p>D6. Show willingness to change point of view according to new scientific information.</p> <p>D7. Extract information from different web sites .</p>	
<p>E1. Demonstrate ethical choices, values and professional practices implicit in multidisciplinary decision making.</p> <p>E2. Promote high standards of personal and organizational integrity, compassion, honesty and respect for seniors, colleagues, assistants and students.</p> <p>E3. Reflect the concepts and attitudes for sterilization and material handling in the clinical pathology lab.</p> <p>E4. Apply the principles of confidentiality and privacy related to obtained results.</p>	
<ul style="list-style-type: none"> • Introduction • Sources of error in results • Factors affecting laboratory results • Evidence based laboratory medicine screening tests • Reference interval (RI) • Panic values • The use of laboratory investigations • Test requesting result reporting • Repeat test requesting • Interpretation of results • Hazards in laboratory 	<p>4- محتوى المقرر:</p>

<ul style="list-style-type: none"> • Specimen collection • POCT • Some profiles for training <ul style="list-style-type: none"> ✓ Diabetic profile ✓ Liver function profile ✓ Renal function profile ✓ Cardiac function profile ✓ Examples of endocrine profile)thyroid) ✓ Blood transfusion ✓ RBCs ✓ WBCs ✓ Platelets and coagulation profile ✓ Some microbiological tests 	
<p>1- Interactive Lectures 2-clinical lab</p>	<p>5- أساليب التعليم والتعلم :</p>
<p>According to the faculty procedures to caring for defaulters students</p>	<p>6- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة :</p>
<p>7- تقويم الطلاب:</p>	
<p>1- Semester formative assessment:</p> <p>a- Assignment report b- Quizzes</p> <p>2- Summative final evaluation that include</p> <p>a- Written examination b- clinical examination</p>	<p>أ- الأساليب المستخدمة:</p>
<p>1- Semester formative evaluation</p>	<p>ب- التوقيت:</p>
<p>Assignment report Semester work</p>	

written quiz	5 th week	
2- Summative evaluation		
a- Written examination	16 th week	
b- clinical examination	16 th week	
1-Semester formative evaluation		
a- Assignment report	60 marks (40%)	ج- توزيع الدرجات:
B- Semester written examination		
a- clinical examination	60 marks (40%)	
b- Written examination	30 marks (20%)	
Total	150 (100%)	
8- قائمة الكتب الدراسية والمراجع :		
—		أ- مذكرات
—		ب- كتب ملزمة:
<ul style="list-style-type: none"> • Stanhope M, Lancaster J. Public health nursing: Population centered health care in the community. 7th ed., st. louis: Mosby Company, 2012. • Grossman, D.C; Kim, A; Macdonald,S,C; Klein, p; Copass, M.K.; and Maier, R.V. (2008). Urban- Rural Differences in Pre-Hospital Care of Major Trauma. Journal Trauma: Injury, Infection, and Critical Care 42(4): 723-729. • Nevada State Health Division. The American Heritage Dictionary. (2009). An Introduction to Public Health, Community Health, and Community Health Nurse. • Carlisle, C., Ibbotson, Tracy., 2015. Introducing problem- based learning into research methods teaching: Student and facilitator evaluation. Nurse Education Today, 25, 527- 541. • James Ramsay, Elbert Sorrell. Problem-Based Learning: A Novel Approach to Teaching Safety, Health and Environmental Courses. Journal of SH&E Research, Vol. 3, Num. 2. • Kradin, R.L. (2017). Diagnostic pathology of infectious disease E-Book. Elsevier Health Science. 		ج- كتب مقترحه:
<ul style="list-style-type: none"> • LWW Medical Book Collection @OVID • EBSCO Academic Search Complete • CDC, WHO • http://labmed.yale.edu/education/links/general.aspx 		د- دوريات علمية أو نشرات .. الخ

<ul style="list-style-type: none"> • http://vetmed.oregonstate.edu/diagnostic/lab-personnel/diagnostic-sections/clinical-pathology • http://www.amazon.com/exec/obidos/ASIN/1455706949/pathologyoutl-20 • http://www.amazon.com/exec/obidos/ASIN/0972556187/pathologyoutl-20 • http://www.amazon.com/exec/obidos/ASIN/047067119X/pathologyoutl-20 • http://www.amazon.com/exec/obidos/ASIN/1933864826/pathologyoutl-20 • http://www.amazon.com/exec/obidos/ASIN/0071621679/pathologyoutl-2 • https://www.google.com.eg/search?q=refrence+in+physiology&oq=refrence+in+physiology&aqs=chrome..69i57.26393j0j8&sourceid=chrome&espv=210&es_sm=93&ie=UTF8#q=references+in+clinical+pathology 	
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<p>مجلس رقم (134) بتاريخ 2014/6/18</p>	<p>مُعتمد بموافقته مجلس الكلية</p>
<p>مجلس رقم (134) بتاريخ 2014/6/18</p>	<p>تم مراجعته وتحديثه طبقا للمعايير الاكاديمية القومية المرجعية بتاريخ</p>
<p>منسق المقرر د/ ايمان بليغ </p>	<p>رئيس القسم العلمي أ.م.د/ سعاد حسن عبد الحميد </p>