

Course Specification Card for Block 5.2 (General Surgery)

College	College of Medicine	Department	Medical Education
Course Name (English)	General Surgery 2	Course Name (Arabic)	الجراحة ٢
Course Number	1000502	Course Code	1000502
Credit Hrs.	4	Contact Hrs.	Theoretical Practical T
Teaching Language	English <input checked="" type="checkbox"/> Arabic <input type="checkbox"/>		
Teaching Method	<input checked="" type="checkbox"/> Face-to-Face <input type="checkbox"/> Online <input type="checkbox"/> Blended		
Course Nature	<input checked="" type="checkbox"/> Compulsory <input type="checkbox"/> Elective		
Course Type	<input type="checkbox"/> University Requirement <input checked="" type="checkbox"/> College Requirement <input type="checkbox"/> Program Requirement		
Level	Year 5	Pre-Requisite(s)	Pass in all blocks and professional development lines – year 1, 2, 3 and 4
<p>Course Description</p> <p>By the end of this integrated course, students should have the necessary knowledge, skills and competencies that will enable them to function effectively as members of an interdisciplinary healthcare team</p> <p>Learn about history and examination in surgery clerkship</p> <p>Understand the common diseases in General Surgery</p> <p>Diagnose and manage basic cases of general surgical disorders in the patients at primary care settings</p> <p>Perform the needed basic skills for diagnostic and therapeutic procedures</p> <p>Identify possible common surgical complications and learn about their prevention and management</p> <p>Use and apply 'evidence-based medicine' in order that they can update and choose best options for patient management</p>			
<p><u>Topics</u></p> <p>Metabolic response to injury Shock & Blood transfusion Wound healing Surgical skills Surgical infections & their management Preoperative assessment, preparation of patient & patient safety Diagnostic imaging Postoperative care Burns & plastic surgery Common skin lesions in surgery & skin tumors e.g. hemangioma, BCC, SCC Disorders including tumors of thyroid & parathyroids Disorders including tumors of the breast Arterial disorders including amputations Venous disorders (varicose veins) Lymphatic disorders (lymphedema) History & examination of abdominal disorders Abdominal wall, hernia & umbilicus Acute abdomen (peritonitis) and its management GERD, esophageal tumors & management</p>		<p><u>Learning Outcomes</u></p> <p>1. Recognize the physiologic mechanisms, etiologies, pathophysiology, clinical features, differential diagnosis, and related diagnostic testing and management of common surgical diseases –that explain key findings in the history of common surgical diseases –including but not limited to thyroid, breast GIT, acute & chronic abdominal and urinary disorders.</p> <p>2. Describe the etiologies, pathophysiology, clinical features, differential diagnosis, and related diagnostic testing and management of common infections in surgery and wound care including management of burns patients and plastic/reconstructive surgery</p> <p>Complete a patient’s history and physical exam in a logical organized and thorough manner formulating possible solutions and therapies from the history and physical examination and apply differential diagnosis to help guide diagnostic test ordering and sequencing.</p> <p>3. Evaluate and prioritize problems with which a patient present, appropriately synthesizing these into a logical clinical order formulating a differential diagnosis</p> <p>4. Design effective therapeutic plan with description of the extent to which the therapeutic plan is based on pathophysiologic reasoning and scientific evidence of effectiveness.</p>	

<p>Gastritis, peptic ulcer, upper GI bleeding gastric tumors Liver abscess, hydatid cyst & liver tumors management Hypersplenism, splenectomy, its indications & postoperative complications Gallbladder & bile duct disorders & surgical jaundice Pancreatitis & pancreatic tumors Inflammatory bowel & diverticular diseases, fecal fistula, large intestinal/rectal tumors & colostomy Appendicitis & tumors of appendix Hemorrhoids, anal fissure, abscess, fistula & pilonidal sinus Surgical complications</p>		<p>5.Perform general and focused examination of all relevant systems- general, abdominal, GIT, urinary in logical, organized and thorough manner. 6.Develop and implement a suitable plan of care for different patient problems in a shared view with patients, relatives and peers. 7.Employ skills of consultation with other physicians and other health care professionals or patient relatives with team work spirit.</p>				
Assessment Tools	<input type="checkbox"/> Periodic Exams	%20	<input type="checkbox"/> Short Exams	%30	<input type="checkbox"/> Final Exam	%40
	<input type="checkbox"/> Individual Assignments	%	<input type="checkbox"/> Group Assignments	%	<input type="checkbox"/> Oral Participations	%10
Main Reference	<p>1. <i>Bailey & Love's short practice of surgery, 27th edition</i> 2. <i>Schwartz's Principles of Surgery, 10th edition</i> 3. <i>Block M2 General Surgery Manual</i> 4. <i>Essential Surgery, 5th edition, 2014</i> 5. <i>Macleod's Clinical Examination, 14th edition, 2018</i> 6. <i>Browse's introduction to the symptoms and signs of surgical disease, 5th edition</i></p>					
Supporting References	<ul style="list-style-type: none"> ▪ Blackboard uploaded course materials, lectures, Videos, etc., 					

