

Course Specification Card for Block 2.3 (Dysregulation & Chronic Diseases 1)

College	College of Medicine	Department	Medical Education			
Course Name (English)	Dysregulation and Chronic Diseases I	Course Name (Arabic)	I" خلل التنظيم والأمراض المزمنة			
Course Number	1000203	Course Code	1000203			
Credit Hrs.	6	Contact Hrs.	Theoretical	Practical	T	
Teaching Language	English <input checked="" type="checkbox"/> Arabic <input type="checkbox"/>		88	9	97	
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 2	Pre-Requisite(s)	Block 1.3 Circulation and Respiration			
<u>Course Description</u>						
<p>Explore the dysregulation of normal body mechanisms with understanding of the process and progression towards development of chronic diseases related to cardiac, endocrine, renal, liver and gastrointestinal systems .Understand the fundamentals of pathology and physiology related to the development of these conditions and learn the diagnostic and therapeutic management related to them.</p>						
<u>Topics</u>		<u>Learning Outcomes</u>				
1.Renal diseases and volume dysregulation 2.Atherosclerosis and Heart diseases 3.Endocrine related diseases 4.Liver related diseases 5.Gastrointestinal related diseases		<ul style="list-style-type: none"> • Define the common chronic diseases related to cardiac , renal .liver ,gastrointestinal and endocrinal system and enlist the underlying cause of their pathological states. • Describe the clinical presentation of chronic diseases and the investigations and diagnostic tools needed in management of chronic diseases. • Outline effective therapeutic and management plan of an individual patient • Determine the differential diagnosis and management strategies for illness related to cardiac , renal .liver ,gastrointestinal and endocrinal system considering the different medical, social, psychological and cultural backgrounds • Apply clinical reasoning, critical and analytical skills in discussing the patient’s complaints related to cardiac , renal .liver ,gastrointestinal and endocrinal system and present the different possible solutions • Integrate and organize the history, physical, and investigative findings into a meaningful differential diagnosis of patients presenting with chronic diseases. • Design effective therapeutic and ongoing management of a patient suffering from chronic disease of cardiac , renal .liver ,gastrointestinal and endocrinal system. • Recognize the reflection methodology and demonstrate transparent and efficient reflective attitude in academic situation • Develop a suitable plan of care for different patient problems • Apply the principles of teamwork dynamics and leadership processes to enable and support effective collaboration in a professional manner 				
Assessment Tools	<input type="checkbox"/> Periodic Exams	%	<input type="checkbox"/> Short Exams	20%	<input type="checkbox"/> Final Exam	40%

	<input type="checkbox"/> Individual Assignments	20%	<input type="checkbox"/> Group Assignments		<input type="checkbox"/> Oral Participations	20%
Main Reference	<ol style="list-style-type: none"> 1. PJ Kumar, ML Clark. Kumar and Clark's Clinical medicine. The Netherlands: Elsevier 2. Rang & Dale's Pharmacology. The Netherlands: Elsevier 3. AC Guyton, JE Hall. Guyton: Textbook of Medical Physiology. 4. Pathologic Basis of Disease.9th edition. The Netherlands; Elsevier 5. Essentials of Global Health. Jones and Bartlett Publishers 6. British National Formulary: Royal Pharmaceutical Society. United kingdom 7. KL Moore, PW Tank, TR Gest Moore. Clinically oriented anatomy. Lippincott Williams and Wilkins 					
Supporting References	<ul style="list-style-type: none"> ▪ For Reference purposes students can access Pub Med. ▪ Materials References and links provided by subject experts during lectures if needed 					

