

## Course Specification Card for Block 2.4 (Dysregulation & Chronic diseases II)

College	College of Medicine	Department	Medical Education		
Course Name (English)	Dysregulation & Chronic diseases II	Course Name (Arabic)	الأمراض المزمنة ٢		
Course Number	CRN 15578/15590	Course Code	1000204		
Credit Hrs.	6 hours	Contact Hrs.	Theoretical	Practical	T
Teaching Language	English <input checked="" type="checkbox"/> Arabic <input type="checkbox"/>		75	2	77
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 1.4 (Mind & Motion)		

### Course Description

The main topic of the fourth block of year 2 is chronically disturbed function. In the fourth block of year 2 chronic diseases and disorders will be the central topic. Therefore, block 2.4 is called Dysregulation and chronic diseases II. Many of the diseases and disorders that will be dealt with in these study blocks make part of the knowledge domain of Internal Medicine and its subspecialties. Block 2.4 consists of 8 theme weeks. This block starts with one week on colonic disorders, then one week on haematological diseases, then one week for autoimmune diseases and one week on immune reactions and allergy. These weeks are followed by two weeks on infectious diseases and two weeks on pulmonary diseases including tuberculosis.

### Topics:

1. Colonic disorders.
2. Haemopoiesis & anemia .
3. Autoimmune/systemic diseases & inflammatory joint.
4. Immune reactions & allergy.
5. Infections.
6. Opportunistic infections & abnormal host defense.
7. Pneumonia/ tuberculosis.
8. Chronic pulmonary diseases.

### Learning Outcomes

#### **1- Knowledge and Understanding:**

- 1.1 Understand the pathologic basis, clinical features, investigations and treatments of Colonic Disorders, Respiratory diseases, autoimmune and inflammatory joint diseases, allergic disorders.
- 1.2 Discuss the clinical features, clinical approach including supplementary testing and treatment of various types of blood disorders.
- 1.3 Identify the Viral Infections commonly found in community, HIV and related disorders and manage their treatment plans and devise the workup and treatment for fever of unknown origin.

#### **2- Skills :**

- 2.1 Construct clinical reasoning flow chart and patterns for diagnostic approach to diseases.
- 2.2 Differentiate clinical features and treatments of Colonic Disorders, respiratory, diseases, autoimmune joint disorders and allergic disorders.
- 2.3 Summarize the clinical features, clinical approach including supplementary testing and treatment of various types of disorders or Red Blood Cells, White Blood Cells and Platelets.

#### **3. Values:**

- 3.1 Evaluate personal work and be able to reflect on various mechanisms. Ability to give feedback and deal with ignorance and defects, self-awareness.

Assessment Tools	<input type="checkbox"/> Periodic Exams	%	<input type="checkbox"/> Short Exams (mid- block exam)	20 %	<input type="checkbox"/> Final Exam	40%
	<input type="checkbox"/> Individual Assignments	20%	<input type="checkbox"/> Group Assignments	%	<input type="checkbox"/> Oral Participations (oral exam)	20%
Main Reference	<p>Kumar and Clark's Clinical Medicine  PJ Kumar, ML Clark  Elsevier Saunders/ ISBN 9780702065996/ 9th edition/ 2016</p>					
Supporting References	<p>1- Guyton and Hall Textbook of Medical Physiology  AC Guyton, JE Hall  Elsevier Saunders / ISBN 9781455770168/ 13th Edition/ <b>2015</b></p> <p>2- Junquiera: Basic Histology  A Mescher  McGraw-Hill Publishing Co /ISBN 978-0-07-163020-7/12th ed. 2010</p> <p>3- Robbin and Cotran Pathologic Basis of Disease  V Kumar, AK Abbas, N Fausto J Aster  Elsevier Saunders / ISBN 9780808924500 / 9th edition 2014</p> <p>4- British National Formulary  Staffs of Joint Formulary Committee  Pharmaceutical Press/ ISBN 9780857113511/ 78th edition, 2019</p> <p>5-Rang &amp; Dale's Pharmacology  James Ritter, Rod Flower, Graeme Henderson, Yoon Loke, David MacEwan and Humphrey Rang  Elsevier / ISBN 978-0-7020-7448-6/ 9th Edition 2019</p> <p>6- Medical Microbiology  Patrick Murray, Ken Rosenthal, Michael Pfaller  Elsevier/ ISBN-10:0323299563/ 8th Edition/ 2015</p> <p>7- Cellular and Molecular Immunology  Abul K. Abbas, Andrew H. Lichtman, Shiv Pillai  Elsevier / ISBN: 9780323479783/ 9th Edition/ 2017</p>					

