Course Specification Card for Pharmacodynamics and Kinetics

College	College of Medicine	Department	Medical Education		
Course Name (English)	Pharmacodynamics & Kinetics	Course Name (Arabic)	حركات وديناميكية الدواء		
Course Number	15791 - 15794	Course Code :	**1000314**		
Credit Hrs.	One	Contact Hrs.	Theoretical	Practical	**T**
Teaching Language	English ☒ Arabic ☐		10	3	13
Teaching Method	☒ Face-to-Face	☐ Online			☐ Blended
Course Nature	☐ Compulsory		☒ Elective		
Course Type	☐ University Requirement	☒ College Requirement		☐ Program Requirement	
Level	Year 3	Pre-Requisite(s)	None		

Course Description

This course deals with the introduction of basic principles of pharmacology with a detailed information about main principles of pharmacodynamics process involved in drug actions on human body. It give a general idea regarding mechanism of drug actions as well as adverse reactions expected to be experienced by patients while using drugs. It also discusses pharmacodymic processes of some groups of dugs acting on biological systems.

Topics	Learning Outcomes
	1. Discuss different pharmacodymic processes affecting drug action on human body 2. Applying the pharmacodynamics principles on drugs acting on some biological systems 3. Formulate and modify a treatment plan concerning pharmacodymic changes in certain pathological conditions

Assessment Tools	☐ Periodic Exams	**%**	☐ Short Exams	**%**	☒ Final Exam	**%**60
	☒ Individual Assignments	**%**20	☒ Group Assignments	**%**20	☐ Oral Participations	**%**

Main Reference	▪ *Rang and Dale's, 8th edition*
Supporting References	▪