

School of Pharmacy / School of Pharmacy (English)

2024 - 2025 Academic Year

PHARMACOTHERAPY

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
PHARMACOTHERAPY	PHA4114871	Fall Semester	2+0	2	3
Prerequisites Courses	FARMAKOLOJİ III				
Recommended Elective Courses					
Language of Instruction	English				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assist.Prof. Çağlar MACİT				
Name of Lecturer(s)	Assist.Prof. Büşra Nur ÇATTIK, Assist.Prof. Çağlar MACİT				
Assistant(s)					
Aim	Provide the student with the ability to analyze the knowledge she has acquired throughout her pharmacology education on the basis of common diseases.				
Course Content	This course contains; Drugs used in treatment of tuberculosis and leprae, Treatment of endoparasitic, exoparasitic and fungal infections, Anemia, vitamins, nutrition and blood products, Vaccines and toxoids and immunoglobulins, Treatment of Alzheimer's disease, Anxiety disorders and treatment, Treatment of musculoskeletal system diseases, Nutritional support, Treatment of Gastroesophageal reflux and Ulcerative colitis and Crohn's diseases, Menopause and hormonal treatment, Treatment of eczema and psoriasis, Renal failure and drugs used in Urinary tract infections, Treatment of peripheral vessel diseases, Cancer (Lung and Prostate) Treatment.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
1. Learn the treatment of tuberculosis and leprae			16, 9	C	
2. Learn the treatment of endoparasitic and exoparasitic diseases.			16, 9	C	
3. Learn the anemia, vitamins, nutrition and blood products.			16, 9	C	
4. Evaluate the vaccines, toxoids, immune globulins, and drugs used in radiological diagnosis and radiopharmaceuticals.			16, 9	C	
5. Know the drugs used in the treatment of neuropsychological diseases.			16, 9	C	
5.1. Know the pharmacokinetic and pharmacodynamic properties of drugs used in the treatment of Alzheimer's disease.			16, 9	C	
5.2. Know the pharmacokinetic and pharmacodynamic properties of drugs used in the treatment of anxiety disorders.			16, 9	C	
6. Learn musculoskeletal system diseases.			16, 9	C	
7. Learn the gastrointestinal system related diseases.			16, 9	C	
8. Know the menopause and hormonal therapy.			16, 9	C	
9. Learn skin disorders.			16, 9	C	
10. Know the kidney failure and drugs used in urinary tract infections.			16, 9	C	
11. Know the drugs used in cancer therapy.			16, 9	C	
Teaching Methods	16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	C: Multiple-Choice Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Drugs used in treatment of tuberculosis and leprae	1, 2, 3, 4			
2	Treatment of endoparasitic, exoparasitic and fungal infections	1, 2, 3, 4			
3	Anemia, vitamins, nutrition and blood products	1, 2, 3, 4			
4	Vaccines and toxoids and immunoglobulins	1, 2, 3, 4			
5	Treatment of Alzheimer's disease	1, 2, 3, 4			
6	Anxiety disorders and treatment	1, 2, 3, 4			
7	Treatment of musculoskeletal system diseases	1, 2, 3, 4			
8	Nutritional support	1, 2, 3, 4			
9	Treatment of Gastroesophageal reflux and Ulcerative colitis and Crohn's diseases	1, 2, 3, 4			
10	Menopause and hormonal treatment	1, 2, 3, 4			
11	Treatment of eczema and psoriasis	1, 2, 3, 4			
12	Renal failure and drugs used in Urinary tract infections	1, 2, 3, 4			
13	Treatment of peripheral vessel diseases	1, 2, 3, 4			
14	Cancer (Lung and Prostate) Treatment	1, 2, 3, 4			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
1. Kayaalp, SO: Rasyonel Tedavi Yönünden Tıbbi Farmakoloji, Ankara. 2. Farmakoterapi El Kitabı. 11. basım. Dipro (TR Çeviri) 3. Hardman JG, Limbird LE, Eds.: Goodman and Gilman's The Pharmacological Basis of Therapeutics, New York. 4. Katzung & Trevor: Farmakoloji, Ankara. 1, 2, 3, 4, lecturer notes