Course Syllabus

Code - Course Title	**ECZ921 - Cardiovascular Diseases and Medications**
Course Type	X. SEMESTER
Laboratory + Practice	1+0
ECTS	**1.5**
Language of Instruction	Türkçe
Course Type	Specialization Courses
Course Instructor(s)	, ÖZGE ALKAN TALİ

Mode of Delivery	Face to face learning.
Prerequisites	There is no prerequisite or co-requisite for this course.
Work Placement	None.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Arterial Hypertension and Antihypertensive Drugs	
Week - 2		Hypotension and its Treatment	
Week - 3		Atherosclerosis and Cardiovascular Risk Factors	
Week - 4		Dyslipidemias and Antihyperlipidemic Drugs	
Week - 5		Coronary Artery Disease	
Week - 6		Stable and Acute Coronary Syndromes	
Week - 7		Angina Pectoris and Antianginal Drugs	
Week - 8		Acute Myocardial Infarction and Pharmacotherapy	
Week - 9		Heart Failure and Medications Used in its Treatment	
Week - 10		Cardiac Arrhythmias and Antiarrhythmic Drugs	
Week - 11		Atrial Fibrillation and Pharmacotherapy	
Week - 12		Heart Valve Diseases; Cardiomyopathies	
Week - 13		Pericardial Diseases; Peripheral Arterial Diseases	
Week - 14		Anticoagulant Drugs and Antiplatelet Drugs	

Learning Outcomes

#	Learning Outcome
1	It explains the basic physiological functions of the cardiovascular system and the pathophysiological mechanisms of cardiovascular diseases.
2	It describes the etiology, risk factors, clinical findings, and basic diagnostic approaches of common cardiovascular diseases.
3	It classifies and describes the drug groups used in the treatment of cardiovascular diseases and their mechanisms of action.
4	It evaluates the indications, contraindications, adverse effects, and important drug interactions of cardiovascular system medications.
5	Explains the pharmacotherapeutic approaches applied in hypertension, dyslipidemia, coronary artery disease and acute coronary syndromes.
6	This section evaluates the role and basic usage principles of medications used in the treatment of heart failure and cardiac arrhythmias.
7	This section describes the mechanisms of action, clinical applications, and safety characteristics of anticoagulant, antiplatelet, and thrombolytic drugs.
8	In cardiovascular diseases, it evaluates rational and safe drug use by considering patient characteristics, comorbidities, and drug interactions.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.