

COURSE CONTENT

University: Muğla Sıtkı Koçman University

Faculty: Medicine/ **Program:** English Program

Academic Year: 2024-2025

Phase: 4/ **Course:** Cardiology

Course Code: MED 4006 / **ECTS:** 4 / **Theoric+Practice Lesson+Laboratory Lesson**

Course Type : Compulsory/ **Course Length :** 2 weeks/ **Type of Instruction :** Formal/ **Language of Instruction :** English

Theoretical:

1. Acute Heart Failure (1 Hours)
2. Acute Pulmonary Oedema (1 Hours)
3. Acute Rheumatic fever (1 Hours)
4. Antiplatelet and Anticoagulant Drugs (1 Hours)
5. Aortic Disease (1 Hours)
6. Aortic Valve Disease (1 Hours)
7. Atrial Fibrillation (1 Hours)
8. Bradyarrhythmia : Diagnosis and Treatment (1 Hours)
9. Cardiac Imaging Modalities (1 Hours)
10. Cardiogenic Shock (1 Hours)
11. Cardiomyopathy (1 Hours)
12. Chronic Coronary Heart Disease (1 Hours)
13. Chronic Heart failure (1 Hours)
14. Dyslipidemia (1 Hours)
15. Electrocardiography-1 (1 Hours)
16. Electrocardiography-2 (1 Hours)
17. Grown-Up Congenital Heart Disease (1 Hours)
18. History, Symptoms and Physical Examination in Cardiovascular Disease (1 Hours)
19. Hypertension Hypertensive Urgency and Emergency (1 Hours)
20. Infective Endocarditis (1 Hours)
21. Mitral Valve Disease (1 Hours)
22. Myocarditis (1 Hours)
23. Pericardial Disease (1 Hours)
24. Pulmonary and tricuspid Valve Disease (1 Hours)
25. Pulmonary Embolism (1 Hours)
26. Pulmonary Hypertension (1 Hours)
27. Risk factors of coronary heart disease and Primary Prophylaxis (1 Hours)
28. ST-Segment Elevation Myocardial Infarction: Complications (1 Hours)
29. ST-Segment Elevation Myocardial Infarction: Diagnosis and Pharmacologic Treatment (1 Hours)
30. ST-Segment Elevation Myocardial Infarction: Reperfusion (PTCA, Thrombolysis) (1 Hours)
31. Supraventricular Arrhythmias (1 Hours)
32. Syncope Sudden Cardiac Death (1 Hours)
33. Unstable Angina and Non-ST segment Elevation Myocardial Infarction (1 Hours)
34. Ventricular Arrhythmias

Practical:

1. Assessment of Coronary Angiogram (1 Hours)
2. Assessment of Echocardiogram (1 Hours)
3. Assessment of Telecardiogram (1 Hours)
4. Blood Pressure Measurement and Pulse Types (1 Hours)
5. Case Discussion (13 Hours)
6. Diagnostic approach to cardiac arrhythmias and murmur (1 Hours)

7. Differential Diagnosis of Chest Pain (1 Hours)
8. Evaluation of Coronary Care Unit Patients (3 Hours)
9. Freelance (Case analysis individual work) (15 Hours)
10. Freelance (Case analysis individual work) (1 Hours)
11. Introduction and Usage of Defibrillator Device (1 Hours)
12. Patient Visit (12 Hours)
13. Patient's History, Physical Examination and Electrocardiography (13 Hours)
14. Step by Step Assessment of Electrocardiogram (1 Hours)
15. Stepwise approach to the Palpitation (1 Hours)
16. Stepwise approach to the patient with Dyspnea and Oedema (1 Hours)

Others:

1. EVALUATION OF INTERNSHIP AND EXAMINATION (2 Hours)
2. Interview with the Mentor (2 Hours)
3. Outpatient Clinic (3 Hours)