

COMMITTEE COURSE CONTENT

University: Muğla Sıtkı Koçman University
Faculty: Faculty of Medicine/ **Program:** English Program
Academic Year: 2018-2019
Phase: ...3./ **Comitee:** 2 (Circulatory and Respiratory Systems)
Course Code: 3200 / **ECTS:** 9 / **T+U+L:**
Course Type : Compulsory/ **Course Length :** 6 weeks/ **Type of Teaching :** Formal/ **Language of Instruction :** English

Biophysics (MED 3004)

Theoretical:

1. Computed Tomography and Magnetic Resonance (2 hours)
2. Imaging Method Based on Radiotherapy and Radioactivity (1 hours)
3. PET and Gamma Camera (1 hours)
4. Ultrasound, Doppler and Echocardiogram)(1 hours)

Cardiology (MED 3009)

Theoretical:

1. Acute Coronary Syndromes (2 hours)
2. Atherosclerosis and Risk Factors (1 hours)
3. Basic ECG & Arrhythmias (2 hours)
4. Diagnostic Methods in Cardiology (1 hours)
5. General Signs and Symptoms in Cardiovascular Diseases (1 hours)
6. Heart Failure (2 hours)
7. Hypertension (1 hours)
8. Pericarditis, myocarditis (1 hours)
9. Physical Examination of the Cardiovascular System (1 hours)
10. Stabii coronary artery discases and angina pectoris (2 hours)
11. Valvular Heart Diseases (2 hours)

Chest Diseases (MED 3009)

Theoretical:

1. Airway diseases (3h)
2. Diagnostictmethods in Chest Diseases (2 hours)
3. Anamnesis and physical examination (1 hours)
4. Diffuse interstitial lung diseases (1 hours)
5. Lung cancer (1 hours)
6. Pleural diseases (1 hours)
7. Pulmonary' thromboembolism (1 hours)
8. Respiratory system infections (2 hours)
9. Symptoms in Chest Diseases (1 hours)

Practical:

1. 1.Cardiology (3 hours)
2. 2. Chest Diseases(4 hours)
3. 3. ENT (3 hours)
4. 4. Cardiovascular surgery (4 hours)

Clinical biochemistry (MED 3001)

Theoretical:

1. Biochemistry of Acute Coronary syndrome (2 hours)
2. Molecular tests in Thromboembolia (2 hours)
3. Plasma Proteins & Protein electrophoresis (2 hours)

Clinical Microbiology (MED 3007)

Theoretical:

<ol style="list-style-type: none"> 1. Evaluation of laboratory diagnosis and results in septicemia cases (2 hours) 2. Laboratory diagnosis of upper and lower respiratory tract infections and evaluation of results (2 hours)
Medical Pathology (MED 3002) Theoretical: <ol style="list-style-type: none"> 1. Atherosclerosis (1 hours) 2. Cardiomyopathies and pericardial diseases (1 hours) 3. Chronic obstructive lung diseases (2 hours) 4. Hypertensive heart diseases (1 hours) 5. Ischemic heart diseases (1 hours) 6. Lesions of the upper respiratory tractus (1 hours) 7. Lung tumors and pleural diseases (1 hours) 8. Pulmonary infections (1 hours) 9. Restrictive lung diseases (1 hours) 10. Skin cyst and tumors (1 hours) 11. Vasculitis and aneurysms (1 hours) 12. Venous-lymphatic diseases and tumors (1 hours) Practical: <ol style="list-style-type: none"> 1. LAB-Group-1 (2 hours) 2. LAB-Group-2 (2 hours)
Medical Phannocology (MED 3009) Theoretical: <ol style="list-style-type: none"> 1. Antihypertensive Agents (2 hours) 2. Antimycobacterial drugs (1 hours) 3. Autocoids (1 hours) 4. Dermatologic phannocology (1 hours) 5. Histamine and histaminic drugs (1 hours) 6. Introductionto Autonomic Pharmacology (1 hours) 7. Isolated organ bathexperiments (1 hours) 8. Medications used to heart failure (2 hours) 9. Mucolytic, expectorantandantitusifdrugs (2 hours) 10. Prostaglandin and other eicasonoids (1 hours) 11. Symptomathictreatment of UBTI (1 hours) 12. Treatment of bronchialasthmaand COPD (2 hours) 13. Vasoactive peptides (1 hours) 14. AgcntsUsed in CardiacArrhythmias (1 hours)
Medical pharmacology (MED 3011) Theoretical: <ol style="list-style-type: none"> 1. AgcntsUsed in CardiacArrhythmias (2 hours) 2. Antianginal drugs (1 hours) 3. Antihypertensive agents (1 hours) 4. Antiplatelet, Anticoagulant, and Fibrinolytic Drugs (3 hours) 5. Hypolipemic drugs (2 hours) 6. Introductionto Autonomic Pharmacology (1 hours) 7. Nitricoxide (1 hours) 8. Nikotine And Ganglion Stimulating Agents (1 hours) 9. Parasympathomimetics and parasympatholytics (3 hours) 10. Peripheral vasodilators (1 hours) 11. Sympathomimetics And Adrenoreceptor Blockers (3 hours)
Pediatrics (MED 3009) (1 hours) Theoretical: (1 hours) <ol style="list-style-type: none"> 1. Examination of cardiovascularsystem (2 hours) 2. Examination of respiratorysystem (1 hours)
Radiology (MED 3009) Theoretical: <ol style="list-style-type: none"> 1. Circulatory system radiology (2 hours)

2. Respiratory system radiology (2 hours)

Undersea and Hyperbaric Medicine (MED 3009)

Theoretical:

1. Hyperbaric Oxygen Applications for Peripheral Vascular Diseases (1 hours)