

COMMITTEE COURSE CONTENT

University: Muğla Sıtkı Koçman University
Faculty: Faculty of Medicine/ **Program:** English Program
Academic Year: 2020-2021
Phase: ...3./ **Comitee 1** (CELL AND TISSUE INJURY AND INFECTION)
Course Code: 3100 / **ECTS:** 10 / **T+U+L:**
Course Type : Compulsory/ **Course Length :** 6 weeks/ **Type of Teaching :** Formal/ **Language of Instruction :** English

Clinical Biochemistry (MED 3001)

Theoretical:

1. Acute Phase Reactants (2hours)
2. Transuda - Exuda (2hours)
3. Tumor markers (2hours)

FamilyMedicine (MED 3004)

Theoretical:

1. Doctor-Patient Communication- (1hours)
2. History Taking (1hours)
3. Doctor-Patient Communication (2hours)

General Surgery (MED 3009)

Theoretical:

1. Ascpsia, Antiscpsia, Disinfection, Sterilization (1hours)
2. Surgicalinfections, definitions, risk factorsandsurgicalwounds(1hours)

Hyperbaric Medicine (MED 3009)

Theoretical:

1. HypcrbaricOxygenT treatment (1hours)
2. HyperbaricOxygenfortheTratment of Severe Infections(1hours)

MedicalMicrobiologyMED 3007)

Theoretical:

1. Antibicrobialsusceptibilitytests (1hours)
2. DiagnosticMethods: Culture (1hours)
3. DiagnosticMethods: Microscopy (1hours)
4. Hypersensitivity and allergic disorders (1hours)
5. ImmunologicalTolcranceand Autoimmunity (1hours)
6. The role of microbiologylaboratory in controllinghospitalinfections(1hours)

MedicalPathology (MED)

Theoretical:

1. Apoptosis, Intracclülcr depositons. Calcifications (2hours)
2. Autoimmuncdiscasc 1 (1hours)
3. Autoimmuncdiscasc 2 (1hours)
4. Environmental and nutritional disorders (1hours)
5. Hemodynamic disorders (1hours)
6. Hemodynamic disorders (1hours)
7. Hypersensitivityrcactions 2 (1hours)
8. Hypersensitivityreactions 1 (1hours)
9. Immune system and immune deficiencies (1hours)
10. Inflammation (1hours)
11. Inflammation (1hours)
12. Introduction of pathology and the pathology laboratory (1hours)
13. Carcinogenesis (2hours)
14. Cell injury, adaptation and necrosis 2 (1hours)
15. Cell injury, adaptation and necrosis I (1hours)
16. Neoplasia (2hours)

Medical Pharmacology (MED 3011)

Theoretical:

1. "Breaking the mould - The story of Penicillin" film gösterimi (2hours)
2. Aminoglycosides (1hours)
3. Cephalosporins (1hours)
4. Introduction to chemotherapy (1hours)
5. Macrolids, Linkosamids, Streptogramins (2hours)
6. Other beta-lactam antibiotics, polypeptide antibiotics (1hours)
7. Penicillins 2 (1hours)
8. Tetracyclines, Aminoglycosides (1hours)
9. Penicillins 1 (1hours)
10. Anticancer drugs (2hours)
11. Drug receptor interactions (1hours)
12. Drugs & Dosage forms 1 (1hours)
13. Immunomodulator drugs (2hours)
14. Interaction between antibiotics and combination of antibiotics (1hours)
15. Mechanism of drug action < (1hours)
16. Membrane transporters and drug response (1hours)
17. Pharmacologic principles of cancer chemotherapy (1hours)
18. Rational Antibiotic use (1hours)
19. Sulfonamides, Trimethoprim, Quinolones (2hours)
20. Treatment of infectious diseases with case examples (2hours)

Medical Genetics (MED 3009)

Theoretical:

1. Approach to Familial Cancer Syndromes (1hours)
2. Clinical Genetics (1hours)
3. Dysmorphology (2hours)

Medical Microbiology (MED 3007)

Theoretical:

1. Antibiotic susceptibility tests (1hours)
2. Diagnostic Methods: Microscopy (1hours)
3. Diagnostic Methods: Culture (1hours)
4. Diagnostic Methods: ELISA and serology (2hours)
5. Diagnostic Methods: Molecular methods and Proteomics (2hours)
6. Hypersensitivity and allergic disorders (1hours)
7. Immune Responses Against Tumors and Transplants (2hours)
8. Immunity against microbes (2hours)
9. Immunodeficiencies (2hours)
10. Immunological Tolerance and Autoimmunity (1hours)
11. Proper specimen collection and transport (2hours)
12. Role of microbiology laboratory in diagnosis (1hours)
13. The role of microbiology laboratory in controlling hospital infections (1hours)
14. Vaccines (2hours)

Oncology (MED 3009)

Theoretical:

1. Diagnostic Approach to Cancer Patient (1hours)
2. Epidemiology and Etiology in Cancer (2hours)
3. Symptomatic Approach to Cancer Patient (2hours)