

COMMITTEE COURSE CONTENT

University: Muğla Sıtkı Koçman University

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

Academic Year: 2018-2019

Phase: ...3./ **Comitee 5** (MUSCULOSKELETAL SYSTEM AND NEUROPSYCHIATRY)

Course Code: 3500 / **ECTS:** 9 / **T+U+L:**

Course Type : Compulsory/ **Course Length :** 6 weeks/ **Type of Teaching :** Formal/ **Language of Instruction :** English

Clinical Microbiology (MED 3004)

Theoretical:

1. Laboratory diagnosis of central nervous system infections and evaluation of results (1 hours)
2. Laboratory diagnosis of central nervous system infections and evaluation of results (1 hours)

Clinical Skills (MED 3009)

Theoretical:

1. 1-Neurology (4 hours)
2. 2-Psychiatry (1 hours)
3. 2-Psychiatry (1 hours)
4. 2-Psychiatry (2 hours)
5. 3-Orthopedics (4 hours)
6. 4-Radiology (4 hours)

Medical Biochemistry (MED 3001)

Theoretical:

1. Biochemistry of CSF (2 hours)
2. Biochemistry of Muscles (2 hours)
3. Biochemistry of skeleton system (2 hours)

Medical Pathology (MED 3002)

Theoretical:

1. CNS injury, vascular and congenital malformations of the CNS (2 hours)
2. Congenital and metabolic diseases of the bone (1 hours)
3. Degenerative and demyelinating diseases of the CNS (1 hours)
4. Tumors of the bone and the cartilage (2 hours)
5. Tumors of the CNS (1 hours)
6. Tumors of the peripheral nerve sheath (1 hours)
7. Tumors of the soft tissue and joints (2 hours)

Medical Pharmacology (MED 3011)

Theoretical:

1. Antipsychotic Agents (2 hours)
2. Antiepileptic Drugs (2 hours)
3. Drug therapy of depression and anxiety disorders (2 hours)
4. Drugs of abuse and drug addiction (3h)
5. General and Local Anesthetics-2 (1 hours)
6. General and Local Anesthetics-1 (1 hours)
7. General and Local Anesthetics-3 (1 hours)
8. Introduction to the Pharmacology of CNS Drugs (1 hours)
9. Neuromodulators and neurotransmitters (1 hours)
10. Opioid analgesics and antagonists (2 hours)
11. Pharmacologic Management of Parkinsonism and Other Movement Disorders (2 hours)
12. Sedative-Hypnotic Drugs (1 hours)
13. Serotonin, agonists, antagonist and treatment of migraine (2 hours)

<p>14. Skeletal Muscle Relaxants (1 hours)</p> <p>15. The Alcohols (1 hours)</p>
<p>Neurology (MED 3002)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Approach to the patient with seizure (1 hours) 2. Approach to the patients with headache (1 hours) 3. Approach to the patients with stroke (2 hours) 4. Demantia (1 hours) 5. Movement Disorders (1 hours) 6. Multiple Sclerosis ana other demyelinating diseases (1 hours) 7. Neurological Examination (2 hours) 8. Neuromuscular diseases (2 hours) 9. Status Epilepticus (1 hours) 10. Vertigo (1 hours)
<p>Neurosurgery (MED 3009)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Clinical Findings and Diagnosis in congenital malformations and hydrocephalus (1 hours) 2. Clinical Findings and Diagnosis in disc herniation and spondylosis (1 hours) 3. Diagnosis and management of intracranial tumors (1 hours) 4. Diagnosis and management of subarachnoidal hemorages and vascular diseaeses (1 hours) 5. Increased ICP-diagnosis and management (1 hours) 6. Physical Examination in Neurosurgical patients (1 hours)
<p>Orhtopedics (MED 3009)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Pediatric Hip Problems (1 hours) 2. Characteristics of Pediatric Fractures (1 hours) 3. Degenerative Joint Diseases (1 hours) 4. Disorders of Hand and Wrist (1 hours) 5. Fracture Healing (1 hours) 6. Fractures and Complications of Fractures (1 hours) 7. Musculoskeletal Infections (1 hours) 8. Musculoskeletal Tumors (1 hours) 9. Open Fractures (1 hours) 10. Orthopedic Terminology (1 hours)
<p>Pediatry (MED)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Neurological Examination(1 hours)
<p>Professional Skills (MED 3009)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. 1- Musculoskeletal system Examination (4 hours) 2. 2- Pediatric Neurology and Musculoskeletal system Examination (4 hours) 3. 3- Muscular tone and strength and sensory examination (4 hours) 4. 4- Neurosurgical Examination and History Taking (4 hours)
<p>Radiology (MED)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Central Nervous System Radiology-1 (1 hours) 2. Central Nervous System Radiology-2 (1 hours) 3. Movement system radiology (2 hours)
<p>Undersea and Hyperbaric Medicine (MED 3009)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Hyperbaric Oxygen Treatment for Neurological Diseases and Decompression Sickness (1 hours)