

COMMITTEE COURSE CONTENT

University: Muğla Sıtkı Koçman University
Faculty: Faculty of Medicine/ **Program:** English Program
Academic Year: 2020-2021
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 Biochemistry (MED 3001)

Theoretical:

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

Clinical Microbiology (MED 3007)

Theoretical:

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

Medical Genetics (MED 3009)

Theoretical:

1. Genetics of muscle diseases (2hours)
2. Nervous system genetics (2hours)
3. Medical Genetics Genetic approach to skeletal dysplasias (2hours)

Medical Pathology (MED 3002)

Theoretical:

1. CNS injury and vascular diseases of the CNS (2hours)
2. Congenital and metabolic diseases of the bone (2hours)
3. Congenital malformations of the CNS (1hours)
4. Degenerative and demyelinating diseases of the CNS (2hours)
5. Diseases of the joints (2hours)
6. Infectious diseases of the CNS (1hours)
7. Tumors of the bone (1hours)
8. Tumors of the cartilage (1hours)
9. Tumors of the CNS (1hours)
10. Tumors of the peripheral nevre sheath (1hours)
11. Tumors of the soft tissue (2hours)

Medical Pharmacology (MED 3011)

Theoretical:

1. Antipsychotic Agents (2hours)
2. Antiseizure Drugs (2hours)
3. Drug therapy of depression and anxiety disorders (2hours)
4. Drugs of abuse and drug addiction (3hours)
5. General and Local Ancsthetics-3 (1hours)
6. General and Local Anesthetics-1 (1hours)
7. General and Local Anesthetics-2 (1hours)
8. Introduction to the Pharmacology of CNS Drugs (1hours)
9. Neuromediators and neurotransmitters (1hours)
10. Opioid analgesics and antagonists (1hours)
11. Opioid analgesics and antagonists (1hours)
12. Pharmacologic Management of Parkinsonism and Other Movement Disorders (2hours)
13. Scdativc-HypnoticDrugs (1hours)

<p>14. Serotonin, agonists, antagonist and treatment of migraine (2hours)</p> <p>15. Skeletal Muscle Relaxants (1hours)</p> <p>16. The Alcohols (1hours)</p>
<p>Neurology (MED)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Approach to the patient with seizure (1hours) 2. Approach to the patients with headache (1hours) 3. Approach to the patients with stroke (2hours) 4. Dementia (1hours) 5. Movement Disorders (1hours) 6. Multiple Sclerosis and other demyelinating diseases (1hours) 7. Neurological Examination (2hours) 8. Neuromuscular diseases (2hours) 9. Status Epilepticus (1hours)
<p>Neurosurgery (MED 3009)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Clinical Findings and Diagnosis in congenital malformations and hydrocephalus (1hours) 2. Clinical Findings and Diagnosis in disc herniation and spondylosis (1hours) 3. Diagnosis and management of intracranial tumors (1hours) 4. Diagnosis and management of subarachnoid hemorrhages and vascular diseases (1hours) 5. Increased ICP-diagnosis and management (1hours) 6. Physical Examination in Neurosurgical patients (1hours)
<p>Orthopedics (MED 3009)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Pediatric Hip Disorders (1hours) 2. Characteristics of Pediatric Fractures (1hours) 3. Degenerative Joint Diseases (1hours) 4. Disorders of Hand and Wrist (1hours) 5. Fracture Healing (1hours) 6. Fractures and Complications (1hours) 7. Musculoskeletal Infections (1hours) 8. Musculoskeletal Tumors (1hours) 9. Open Fractures (1hours) 10. Orthopaedic Terminology (1hours)
<p>Pediatrics (MED 3009)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Pediatric neurology and musculoskeletal system examination (1hours)
<p>Psychiatry (MED 3009)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Anxiety disorders (1hours) 2. Dependence disorders (1hours) 3. Mood disorders (1hours) 4. Obsessive compulsive disorders, impulse control disorders (1hours) 5. Personality disorders (1hours) 6. Psychiatry, Psychopathology, Mental status examination (1hours) 7. Psychotic disorders: Types, symptoms (1hours) 8. Sexual identity and sexual dysfunctions (1hours) 9. Sleep disorders. Eating disorders (1hours)
<p>Radiology (MED 3009)</p> <p>Theoretical:</p> <ol style="list-style-type: none"> 1. Nervous System Radiology (1hours) 2. Radiology of musculoskeletal system (1hours)
<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 (1hours)