**PHASE-3 /** **COMMITTEE-5 AIM(S)**

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|  | In this committee, it is aimed that the students learn the pathogenesis, genetics, symptoms, findings, diagnosis and treatment approaches of the most common neuropsychiatric and movement system diseases in the clinic. |
|  | In this committee, it is aimed that students gain neuropsychiatric and movement system examination skills. |

**PHASE-3 /** **COMMITTEE-5 LEARNING OBJECTIVE(S)**

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| 1.
 | To be able to explain the pathogenesis, genetics, symptoms, clinical findings, diagnosis and treatment approaches of the most common locomotor and nervous system diseases. |
|  | To be able to explain the classification, mechanism of action, indications, contraindications and side effects of nervous system diseases and drugs that affect the nervous system. |
|  | To be able to discuss microbiology laboratory approaches for diagnosis in central nervous system infections. |
|  | To be able to xplain the principles of appropriate sample selection, collection and transport. |
|  | To be able to comprehend the principles of differential diagnosis, diagnosis and treatment in psychiatric disorders and to be able to perform triage when necessary, in psychiatric disorders. |
|  | To be able to explain the biochemical mechanisms of the musculoskeletal and nervous system |
|  | To be able to comprehend diagnosis and treatment algorithms in orthopedic diseases, to be able to list the principles of differential diagnosis and treatment of orthopedic emergencies. |
|  | To be able to list the approach algorithms for skeletal dysplasias. |
|  | To be able to list the differential diagnosis and treatment principles of patients with head trauma. |
|  | To be able to describe the functioning of neurology, psychiatry, orthopedics, and radiology clinics. |
|  | To be able to list the principles of differential diagnosis and treatment of non-traumatic emergency neurological diseases. |
|  | To be able to recognize mental complaints and symptoms, to be able to take the history of these patients, to be able to perform mental state examination |
|  | To be able to evaluate paranasal, head and skeletal radiography in accordance with the technique, to be able to recognize the direct radiography findings of emergency lesions. |
|  | To be able to explain the diagnosis and treatment approaches of carbon monoxide poisoning, to be able to put the indications of hyperbaric oxygen therapy in these cases. |
|  | To be able to explain the diagnosis and emergency treatment approaches of decompression disease, to be able to list the principles of hyperbaric oxygen therapy in patients with decompression diagnosis. |
|  | To be able to perform musculoskeletal examination and neurological examination |
|  | To be able to apply learned examination skills in the clinic |
|  | To be able to explain rational laboratory use and preanalytical process |

**PHASE-3 / COMMITTEE-5 INTENDED LEARNING OUTCOME(S)**

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|  | Can explain the pathogenesis, genetics, symptoms, clinical findings, diagnosis and treatment approaches of the most common locomotor and nervous system diseases. |
|  | Can explain the classification, mechanism of action, indications, contraindications and side effects of nervous system diseases and drugs that affect the nervous system. |
|  | Can discuss microbiology laboratory approaches for diagnosis in central nervous system infections. |
|  | Can explain the principles of appropriate sample selection, collection, and transport. |
|  | Can comprehend the principles of differential diagnosis, diagnosis and treatment in psychiatric disorders and can perform triage, when necessary, in psychiatric disorders. |
|  | Can explain the biochemical mechanisms of the musculoskeletal and nervous system |
|  | Can comprehend diagnosis and treatment algorithms in orthopedic diseases, can list the principles of differential diagnosis and treatment of orthopedic emergencies. |
|  | Can list the approach algorithms for skeletal dysplasias. |
|  | Can list the differential diagnosis and treatment principles of patients with head trauma. |
|  | Can describe the functioning of neurology, psychiatry, orthopedics, and radiology clinics. |
|  | Can list the principles of differential diagnosis and treatment of non-traumatic emergency neurological diseases. |
|  | Can recognize mental complaints and symptoms, can take the history of these patients, can perform mental state examination |
|  | Can evaluate paranasal, head, and skeletal radiography in accordance with the technique, can recognize the direct radiography findings of emergency lesions. |
|  | Can explain the diagnosis and treatment approaches of carbon monoxide poisoning, can put the indications of hyperbaric oxygen therapy in these cases. |
|  | Can explain the diagnosis and emergency treatment approaches of decompression disease, can list the principles of hyperbaric oxygen therapy in patients with decompression diagnosis. |
|  | Can perform musculoskeletal examination and neurological examination |
|  | Can apply learned examination skills in the clinic |
|  | Can explain rational laboratory use and preanalytical process |