

**ISTANBUL OKAN UNIVERSITY**

**FACULTY OF MEDICINE**

**MED527**

**NEUROLOGY**

**COURSE PROGRAM**

**LECTURERS**

Prof. Dr. Betül Yalçıner

Assist. Prof. Dr. Tülay Akışkan

### MED519 Neurology (4 credit)

Aim of the Course

The purpose of this course is to train medical student to become proficient in diagnosis and treating neurosurgical emergencies. The students shall also learn the general outline of neurosurgical pathologies, the diagnostic work up differential diagnosis and treatment options. Prerequisites: *MED401, MED402, MED403, MED404, MED405, MED411, MED412, MED413 and MED414.*

Learning Objectives

At the end of this course the student will be able to:

* Recognize common neurological disease.
* Elicit a general and focused neurological history.
* Generate a differential diagnosis for common neurological complaints.
* Perform and interpret a neurological examination.
* Demonstrate a basic understanding of the common indications and interpretations for neurological
* diagnostics (e.g., EEG, EMG, lumbar puncture, CT and MR imaging).
* Recognize and treatment to neurological emergencies

Course Content

* Neurological examinatiın
* Cognitive examination and demans
* Cranial nerves
* Headache
* Delirium
* Cerebrovascular accidents
* CNS infections
* Autoimmun encephalitis
* Epilepsy
* Neuromuscular diseases
* Movement disorders
* Demyelinating diseases
* Multiple sclerosis
* Peripheral nervous system disease

**COURSE INFORMATION**

Theoretical : 14 hours

Practical : 15 hours

Duration : 12 days

Location : Okan University Hospital

**LEARNING METHODS**

Theroretical / Practical / Seminars/ / Case discussion / Problem based learning

Clinic visits / Patient assessment / Case investigations

Outpatient unit / Clinical observation

**ASSESSMENT**

* Clinical performance assessment
* Exam
* Verbal exam