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| **Course title** | **Code** | **Semester** | **Type of course** | **Course volume (Contact hours)** | **ECTS** |
| **Neurology** | **MED****5001** | **IX** | **Mandatory** | 48 | **3** |
| **Faculty, the educational program and level of education** | * School of Medicine and Health Sciences
* Higher Medical Educational Program “Medicine”
* One cycle 6-year
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| **Learning Course Content** |
| * Fundaments and history of Neurology; Main neurological diagnostic tools: History taking, Neurological examination, Lumbar puncture, Electroencephalography; Evoked potentials, Electromyography, Neuroimaging. Headache and Neuralgia.
* Consciousness and Unconscious patients: syncope, delirium, confusion, coma; Glasgow Coma Scale;
* Cerebrovascular disorders: Stroke, TIA; Speech arrest and language assessment;
* Approaches patients with Seizures: epileptic and non-epileptic seizures EEG and EMG; neuroimaging;
* Mental status Examination; Cognitive disorders: Dementia, Delirium;
* Movement disorders: Parkinsonism and Parkinson’s disease;
* Intracranial hypertension: Acute Cerebrovascular disease, Cerebral edema and Brain herniation; Paraneoplastic Neurological Syndrome;
* Infections of Nervous System: Meningitis, Encephalitis. Myelitis; Cerebral Vasculitis.
* Peripheral Nervous system disorders: Peripheral neuropathy, Guillain-Barre syndrome, Myasthenia Gravis; Multiple Sclerosis; Myopathy;
* Sleep disorders: Sleep apnea.
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| **Textbooks and Materials** |
| * Harrison's Neurology in Clinical Medicine- Stephen L. Hauser; McGraw-Hill Medical Pub. Division; 2006;
* Neurology and neurosurgery illustrated- Kenneth W Lindsay; Ian Bone; Churchill Livingstone; 5th.ed. 2010;
* Bradley's neurology in clinical practice- Daroff MD, Robert B;  Jankovic MD, Joseph; V-2
* Clinical Neuroanatomy- Snell, Richard S; Lippincott Williams & Wilkins; 6th.ed. 2006;
* Duus' topical diagnosis in neurology:Anatomy. Physiology. Signs. Symptoms-Bähr, Mathias, MD; Thieme; 5th.ed; 2012; e-book;
* Adams and Victor's principles of Neurology -Allan H. Ropper; MArtin A.Samuels; Mc Graw Hill education Medical; 10th.ed. 2014;
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