

Program of Study : **GENERAL MEDICINE**
Course : **NEUROLOGY**
Abbreviation : **NEU/VA013**
Schedule : 18 lessons of lectures
 72 lessons of practical training
Course Distribution : 4th year, 8th semester
Number of Credits : 5
Course Form : Lectures, practical training

Lectures :

Teachers : Prof. MUDr. Ing. Petr Hlušítk, Ph.D.

Study Format: Block

Block date : March 13, 2023 – April 21, 2023

(Lectures – each Monday 10.15 - 12.30) Department of Neurology
 07.04., 10.04. 2023 - Public Holiday

	Block Date	Subject	No. of Less.	Teacher
1	13.03.2023	Cerebrovascular diseases – ischaemic stroke, intracerebral and subarachnoid haemorrhage.	3	Hlušítk
2	20.03.2023	CNS infections. Demyelinating disorders of the CNS.	3	Hlušítk
3	27.03.2023	Neuroimaging. Neurocritical care.	3	Hlušítk
4	03.04.2023	Seizures and epilepsy, non-epileptic seizures. Headache.	3	
5	10.04.2023	Public Holiday	0	Hlušítk
6	17.04.2023	Head and spinal cord injury. Tumours of the nervous system. Peripheral nervous system disorders.	3	Hlušítk

Practical Training:

Leading Teacher: Prof. MUDr. Ing. Petr Hlušítk, Ph.D.

Study Format: Block

Block Dates: March 13, 2023 – April 21, 2023

Practical Training:

Tuesday to Friday 7.45-10.00; 10.15- 12.15

	Block Date	Subject	No. of Less.
1	14.03.2023	Principles of neurological examination.	3
2	15.03.2023	Neurological examination with demonstration and student practice I.	3
3	16.03.2023	Neurological examination with demonstration and student practice I.	3
4	17.03.2023	Neurological examination with demonstration and student practice II.	3
5	21.03.2023	Neurological examination with demonstration and student practice II.	3
6	22.03.2023	Spinal cord syndromes.	3
7	23.03.2023	Brainstem syndromes.	3
8	24.03.2023	Syndromes of the cerebellum. Extrapyrarnidal syndromes.	3
9	28.03.2023	Meningeal syndrome. Syndromes of intracranial hypertension and hypotension.	3
10	29.03.2023	Alteration of consciousness, examination of the unconscious patient.	3
11	30.03.2023	Neuropathology.	3
12	31.03.2023	Degenerative diseases of the CNS - movement disorders, dementia.	3
13	04.04.2023	Syndromes of the lesion of the central (upper) and peripheral (lower) motoneuron.	3
14	05.04.2023	Epilepsy and other seizures. Headache.	3
15	06.04.2023	Peripheral nervous system diseases. Intervertebral disc herniation, radicular syndromes.	3
16	07.04.2023	Public Holiday.	0
17	11.04.2023	Spinal cord diseases.	3
18	12.04.2023	EEG, EMG	3
19	13.04.2023	Examination of the cerebrospinal fluid, neurosonology.	3
20	14.04.2023	Neuroradiological examination. Stroke: ischaemic stroke, intracerebral and subarachnoid haemorrhage, vascular malformations of the brain.	3
21	18.04.2023	Neoplasms of the nervous system. Trauma of the nervous system.	3
22	19.04.2023	Demyelinating diseases.	3
23	20.04.2023	Neurogenetics.	3
24	21.04.2023	Review. Practical exam.	3

Completed by: Credit, practical examination, final examination

Requirements: 100% attendance on seminars and practical lessons, practical examination including independent neurological examination of a

patient and summarization of the pathological findings (syndromological diagnosis), neuroimaging, CSF analysis. (Passing of practical examination is a condition for receiving credit) Any absence on seminars or practical lessons must be communicated in advance to prof. MUDr. Ing. Petr Hluštík, Ph.D, e-mail: petr.hlustik@upol.cz . Absence due to serious personal or health matters can be compensated for by preparing a seminar paper or by attending a corresponding lesson in a future teaching block.

Literature:

Clarke, C. et al., Neurology: A Queen Square Textbook, Blackwell Publishing, 2016

Wilkinson, I. and Lennox, G., Essential Neurology, Blackwell Publishing Ltd. 2005