

Syllabus of neurology and neurophysiology courses within a bachelor programme “Physiotherapy” – foreign students (2nd Year) at 1st Department of Neurology Faculty of Medicine Masaryk University. Lectures in autumn term of a school year 2016/2017.

- 1. Neurology and neurophysiology – the content of study. History in neurology. Reflexology, proprioceptive and exteroceptive reflexes.**
20.9.2016 Pavel Filip, MD
- 2. Cranial nerves I-XII, physiology, pathology. Bulbar and pseudobulbar syndrome.**
27.9.2016 Kristína Saxunová, MD
- 3. Pyramidal syndrome, pathological reflexes in pyramidal tract, classification of pareses, main characteristics.**
4.10.2016 Pavel Řehulka, MD
- 4. Extrapyramidal system, structure and functions, dyskinesia and dystonia, parkinsonian syndrome.**
11.10.2016 Kristína Saxunová, MD
- 5. Sensory system, proprioception, exteroception, spinal cord syndromes, syndrome of transversal lesion of spinal cord, disorders of sensation, syndrome of spinal cord hemisection, syndrome of cauda equina.**
18.10.2016 Pavel Řehulka, MD
- 6. Cerebellum, structure and functions. Paleocerebellar syndrome, neocerebellar syndrome. Disorders of consciousness, quantitative disorders of consciousness, scale of disorders of consciousness, quantitative disorders of consciousness.**
25.10.2016 Pavel Řehulka, MD
- 7. Structure and functions of meninges, hematoencephalic barrier, meningeal syndrome, syndrome of intracranial hypertension, hydrocephalus.**
1.11.2016 Kristína Saxunová, MD
- 8. Structure and function of spine. Examination of spine, principles of manipulation therapy. Radicular syndromes, history, clinical signs, radicular syndromes on upper and lower extremities. Radicular vs pseudoradicular syndrome.**
8.11.2016 Jiří Bůžil, MD
- 9. Symbolic functions and their disorders: disorders of speech, alexia, agraphia, acalculia, gnostic disorders, disorders of praxis.**
15.11.2016 Barbora Sklenářová, MD
- 10. Supplemental examination in neurology – imaging (X-ray, CT, MRI, ultrasound, SPECT, PET)**
22.11.2016 Eva Pešlová, MD

11. Supplemental examination in neurology - neurophysiological (EEG, EMG, EP)

29.11.2016

Lucia Masárová, MD

12. Gait and stability disorders - spastic gait, cerebellar gait, gait in lesions of peripheral nerves and plexuses, differential diagnostics of gait disorders. Synkinesia, postural instability.

6.12.2016

Rastislav Šumec, MD

13. Examination algorithm in neurology, repetition of neurological examination

13.12.2016

Rastislav Šumec, MD

14. Credit test. (IS MU)

20.12.2016

Rastislav Šumec, MD

The lectures take place in the Lecture room, building B1 – 6th floor in St. Anne's Faculty hospital, every Tuesday at 9:45 – 10:30.