

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 2019/2020.

- 1. Neurology and neurophysiology – the content of study. History in neurology. Reflexology, proprioceptive and exteroceptive reflexes.**
19.9.2019 Eva Pešlová, MD
- 2. Cranial nerves I-XII, physiology, pathology. Bulbar and pseudobulbar syndrome.**
26.9.2019 Barbora Sklenářová, MD
- 3. Pyramidal syndrome, pathological reflexes in pyramidal tract, classification of pareses, main characteristics.**
3.10.2019 Eva Pešlová, MD
- 4. Extrapyramidal system, structure and functions, dyskinesia and dystonia, parkinsonian syndrome.**
10.10.2019 Eva Pešlová, 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.**
17.10.2019 Barbora Deuschová, 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.**
24.10.2019 Barbora Deuschová, MD
- 7. Structure and functions of meninges, hematoencephalic barrier, meningeal syndrome, syndrome of intracranial hypertension, hydrocephalus.**
31.10.2019 Ivona Morávková, 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.**
7.11.2019 Barbora Sklenářová, MD
- 9. Symbolic functions and their disorders: disorders of speech, alexia, agraphia, acalculia, gnostic disorders, disorders of praxis.**
14.11.2019 Tomáš Boušek, MD
- 10. Supplemental examination in neurology – imaging (X-ray, CT, MRI, ultrasound, SPECT, PET)**
21.11.2019 Ivona Morávková, MD
- 11. Supplemental examination in neurology - neurophysiological (EEG, EMG, EP)**
28.11.2019 Tomáš Boušek, 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.

5.12.2019

Jan Vinklárek, MD

13. Examination algorithm in neurology, repetition of neurological examination

12.12.2019

Kateřina Bočková, MD

14. Credit test. (IS MU)

19.12.2019

Irena Doleřalová, MD

The lectures take place in the Lecture room, building B1 – 5th floor in St. Anne's Faculty hospital, every Tuesday at 9:00 – 9:50.