

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 2015/2015.

- 1. Neurology and neurophysiology – the content of study. History in neurology. Reflexology, proprioceptive and exteroceptive reflexes.**
22.9. 2015 Pavel Filip, MD
- 2. Cranial nerves I-XII, physiology, pathology. Bulbar and pseudobulbar syndrome.**
29.9. 2015 Pavel Filip, MD
- 3. Pyramidal syndrome, pathological reflexes in pyramidal tract, classification of pareses, main characteristics.**
6.10. 2015 Rastislav Šumec, MD
- 4. Extrapyramidal system, structure and functions, dyskinesia and dystonia, parkinsonian syndrome.**
13.10. 2015 Rastislav Šumec, 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.**
20.10. 2015 Michal Haršány, 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.**
27.10. 2015 Jiří Bůřil, MD
- 7. Structure and functions of meninges, hematoencephalic barrier, meningeal syndrome, syndrome of intracranial hypertension, hydrocephalus.**
3.11. 2015 Pavel Řehulka, 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.**
10.11. 2015 Pavel Řehulka, MD
- 9. 17.11.2015 DAY OFF**
- 10. Symbolic functions and their disorders: disorders of speech, alexia, agraphia, acalculia, gnostic disorders, disorders of praxis.**
24.11. 2015 Pavel Řehulka, MD
- 11. Supplemental examination in neurology – imaging (X-ray, CT, MRI, ultrasound, SPECT, PET)**
1.12. 2015 Kristína Saxunová, MD

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

8.12. 2015

Kristína Saxunová, MD

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

15.12. 2015

Jiří Bůřil, MD

14. Examination algorithm in neurology, repetition of neurological examination, credit test. (IS MU)

5.1. 2016

Ondřej Volný, MD

The lectures take place in the Lecture room, building B1 – 5th floor in St. Anne's Faculty hospital, every Tuesday at 9:45 – 10:30.