**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

1. **Cranial nerves I-XII, physiology, pathology. Bulbar and pseudobulbar syndrome.**

29.9. 2015 Pavel Filip, MD

1. **Pyramidal syndrome, pathological reflexes in pyramidal tract, classification of pareses, main characteristics.**

6.10. 2015 Rastislav Šumec, MD

1. **Extrapyramidal system, structure and functions, dyskinesis and dystonia, parkinsonian syndrome.**

13.10. 2015 Rastislav Šumec, MD

1. **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

1. **Cerebellum, structure and functions. Palleocerebellar syndrome, neocerebellar syndrome. Disorders of consciousness, quantitative disorders of consciousness, scale of disorders of consciousness, quantitative disorders of consciousness.**

27.10. 2015 Jiří Búřil, MD

1. **Structure and functions of meninges, hematoencephalic barrier, meningeal syndrome, syndrome of intracranial hypertension, hydrocephalus.**

3.11. 2015 Pavel Řehulka, MD

1. **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

1. **17.11.2015 DAY OFF**
2. **Symbolic functions and their disorders: disorders of speech, alexia, agraphia, acalculia, gnostic disorders, disorders of praxis.**

24.11. 2015 Pavel Řehulka, MD

1. **Supplemental examination in neurology – imaging (X-ray, CT, MRI, ultrasound, SPECT, PET)**

1.12. 2015 Kristína Saxunová, MD

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

8.12. 2015 Kristína Saxunová, MD

1. **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 Búřil , MD

1. **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.**