**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 2018/2019.**

1. **Neurology and neurophysiology – the content of study. History in neurology. Reflexology, proprioceptive and exteroceptive reflexes.**

18.9.2018 Eva Pešlová, MD

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

25.9.2018 Barbora Sklenárová, MD

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

2.10.2018 Eva Pešlová, MD

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

9.10.2018 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.**

16.10.2018 Tomáš Boušek, 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.**

23.10.2018 Barbora Deutschová, MD

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

30.10.2018 Jiří Búřil, 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.**

6.11.2018 Eva Pešlová, MD

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

13.11.2018 Tomáš Boušek, MD

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

20.11.2018 Eva Pešlová, MD

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

27.11.2018 Tomáš Boušek, 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.**

4.12.2018 Jan Vinklárek, MD

1. **Examination algorithm in neurology, repetition of neurological examination**

11.12.2018 Ivona Morávková, MD

 **14. Credit test. (IS MU)**

18.12.2018 Irena Doležalová, 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.**