

**Syllabus of neurology a neurophysiology for “Physiotherapy programme” at 1<sup>st</sup> Department of Neurology,  
Medical School of Masaryk University.**

**Practicals of summer term – school year 2015/16**

**1.**

Neurology - clinical record, history and diagnosis in neurology.

23.2.2016

MUDr. Mária Justanová

**2.**

Examination of motor functions: inspection: posture, habitus, appearance (atrophy, fasciculations), assessment of passive stretch - muscle tone (rigidity, spasticity, clonus), active and passive movements, assessment of muscle strength.

1.3.2016

MUDr. Rastislav Šumec

**3.**

Cranial nerves examination.

8.3.2016

MUDr. Jiří Bůřil

**4.**

Lower and upper motor neuron lesion, mixed lesions, pseudoflaccid paresis

15.3.2016

MUDr. Kristýna Saxunová

**5.**

Examination of sensitivity, sensitive syndromes, meningeal syndrome and signs. History in patients with headache, intracranial hypertension.

22.3.2016

MUDr. Jiří Bůřil

**6.**

Examination of cerebellum, neurological examination in movement disorders.

29.3.2016

MUDr. Mária Justanová

**7.**

Higher cognitive function disorders: aphasias, alexia, agraphia, acalculia, gnostic and praxis disorders.

5.4.2016

MUDr. Kristýna Saxunová

**8.**

Basic diagnostic methods in neurology (EEG, EMG, EP, CSF).

12.4.2016

MUDr. Mária Justanova

**9.**

Neuroimaging in neurology (CT, MRI, X-ray, ultrasound)

19.4.2016

MUDr. Kristýna Saxunová

**10.**

Examination of a comatose patient

26.4.2016

MUDr. Pavel Řehulka

**11.**

Spinal column examination. Radicular and pseudoradicular syndromes at upper and lower limbs.

3.5.2016

MUDr. Rastislav Šumec

**12.**

Examination of gait, posture, vestibular system

10.5.2016

MUDr. Rastislav Šumec

**13.**

Topical and etiological diagnosis in neurology. The principles of correlation of neurologic signs with neuroanatomic localization of the lesion.

17.5.2016

MUDr. Ondřej Strýček

**14.**

**Repetition – general neurology + Credit**

24.5.2016

MUDr. Martin Pail

**The practicals are held in Study room (building C1, 6 th floor) and wards of 1<sup>st</sup> Department of Neurology, every Tuesday between 9:25-10:15 a.m.  
We ask students to bring a white coat.  
Presence at all practicals is required for a credit.**