Syllabus of Neurology and Neurophysiology for a “Physiotherapy programme”
at 1st Department of Neurology,
St. Anne’s University Hospital and Masaryk University
Lectures of summer term – school year 2019/2020

1. Parkinson’s disease
   Neurodegenerative disorders
   18. 2. 2020 MUDr. Deutschová

2. Infections of nervous systems
   25. 2. 2020 MUDr. Deutschová

3. Hyperkinesias and dystonias
   Phenomenology of hyperkinesias: tremor, chorea, balism, myoclonus, tics, torsion dystonia. Diagnostic and therapeutic approach of hyperkinetic disorders.
   3. 3. 2020 MUDr. Morávková

4. Tumours of central nervous system
   Tumours of brain and meninges, symptomatology of expansive processes in cranium and spinal column.
   10. 3. 2020 MUDr. Vinklárek

5. Neuropsychology
   Content of the field, diagnostics, scales, psychotherapy.
   17. 3. 2020 PhDr. Goldemundová

6. Epilepsy and epileptic syndromes
   Classification of epilepsies, clinical symptomatology of focal and generalized epileptic seizures, lifestyle of patients with epilepsy.
   24. 3. 2020 MUDr. Deutschová

7. Acute Neurology I
   Stroke, brain hemorrhage, subarachnoid hemorrhage.
   31. 3. 2020 MUDr. Bůřil

8. Acute Neurology II
   Neurotraumatology, brain concussion and contusion, status epilepticus, malign neuroleptic syndrome.
   7. 4. 2020 MUDr. Deutschová
9. **Differential diagnostic of back pain**
Radicular syndromes, radicular and pseudo radicular irritation, spinal cord lesion, sacroiliacal joint disorders.
14. 4. 2020 MUDr. Búřil

10. **Autoimmune disorders of central nerve system** Multiple sclerosis, pathophysiology, pathology, diagnostic and therapeutic approach. Neuromuscular junction disorders.
21. 4. 2020 MUDr. Búřil

11. **Headache**
Classification, pathophysiology, pathology, prevention and therapy. Treatment of migraine headache.
28. 4. 2020 MUDr. K. Bočková

12. **Dementia**
Alzheimer's disease, vascular dementia, frontotemporal dementia, differential diagnosis and treatment of dementia.
5. 5. 2020 MUDr. Boušek

13. **Examination of comatous patient**
Disorders of consciousness. Brain death.
**Disorders of Neural Plexi.**
12. 5. 2020 MUDr. Boušek

14. **Děkanské volno**
19.5.2020

15. **Polyneuropathy and polyneuritis**
Pathophysiology, pathology, and therapy of peripheral nerves. Role of EMG in diagnostic approach to peripheral nerves.

Credit
26. 5. 2020 MUDr. Vinklárek

The lectures are held in Study room (building B1, 5th floor) of 1st Department of Neurology, every Tuesday between 8:30-9:20 a.m.