

**Syllabus of Neurology and Neurophysiology for a “Physiotherapy programme”
at 1st Department of Neurology,
Masaryk University and St. Anne’s University Hospital
Lectures of a summer term – school year 2019/20**

1.

Parkinson's disease

Signs and symptoms of Parkinson’s disease. Parkinsonian syndromes, differential diagnosis.

Neurodegenerative disorders

Spinocerebellar ataxias, amyotrophic lateral sclerosis. Differential diagnosis of gait disorders.

18.2.2020

MUDr. Deutschová

2.

Infections of nervous systems

Encephalitis, myelitis, meningitis. Brain and spinal cord abscess. Neuroborreliosis. Role of CSF examination in neurology, indications and contraindications of spinal tap.

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. Bůřil

10.

Autoimmune disorders of central nerve system Multiple sclerosis, pathophysiology, pathology, diagnostic and therapeutic approach. Neuromuscular junction disorders.

21.4.2020

MUDr. Bůřil

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.

Disease of plexus brachialis, diseases of plexus lumbosacralis. Clinical symptoms, neurophysiology. Tunnel syndromes.

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, 5 th floor)
of 1st Department of Neurology, every Tuesday between 8:30-9:20 a.m.**