

**Syllabus of Neurology and Neurophysiology for a “Physiotherapy programme”
at 1st Department of Neurology,
St. Anne’s University Hospital and Masaryk University
Lectures of a summer term – school year 2021/22**

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.

15.2.2022

Vinklárek, MD

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.

22.2.2022

Zatloukalová, MD

3.

Hyperkinesias and dystonias

Phenomenology of hyperkinesias: tremor, chorea, balism, myoclonus, tics, torsion dystonia. Diagnostic and therapeutic approach of hyperkinetic disorders.

1.3.2022

Kokošová, MD

4.

Tumours of central nervous system

Tumours of brain and meninges, symptomatology of expansive processes in cranium and spinal column.

8.3.2022

Vinklárek. MD

5.

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.

15.3.2022

Kunst, MD

6.

Epilepsy and epileptic syndromes.

Classification of epilepsies, clinical symptomatology of focal and generalized epileptic seizures, lifestyle of patients with epilepsy.

22.3.2022

Revajová, MD

7.

Acute Neurology I

Stroke, brain hemorrhage, subarachnoid hemorrhage.

29.3.2022

Sklenárová, MD

8.

Acute Neurology II

Neurotraumatology, brain concussion and contusion, status epilepticus, malign neuroleptic syndrome.
5.4.2022 Deuschová, MD

9.

Differential diagnostic of back pain

Radicular syndromes, radicular and pseudo radicular irritation, spinal cord lesion, sacroiliacal joint disorders.
12.4.2022 Revajová, MD

10.

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

19.4.2022 Kunst, MD

11.

Headache

Classification, pathophysiology, pathology, prevention and therapy. Treatment of migraine headache.
26.4.2022 Zatloukalová, MD

12.

Dementia

Alzheimer's disease, vascular dementia, frontotemporal dementia, differential diagnosis and treatment of dementia.

3.5.2022 Kunst, MD

13.

Neuropsychology

Content of the field, diagnostics, scales, psychotherapy.
10.5.2022

Rohová, Mgr.

14.

Polyneuropathy and polyneuritis

Pathophysiology, pathology, and therapy of peripheral nerves. Role of EMG in diagnostic approach to peripheral nerves.

17.5.2022 Zatloukalová, MD

15.

Credit

24.5.2022

Krajčovičová, MD

**The lectures are held in Lecture room (building C1, 6th floor)
of 1st Department of Neurology, every Tuesday between 8:30 - 9:20 a.m.**