

CURRICULUM OF THE COURSE

Subject:	Neurology 2	Form of study:	Full-time study
Prerequisites:	Neurology 1	Study period:	8. semester
Study Programme:	General medicine	Range:	2/4 hour/week
Category:	compulsory	Credits:	4
Teaching form:	lecture/practical lessons		
Evaluation:	exam		

Week	Lectures	Practical Lessons
1.	<p>13.2.2019</p> <p>Diseases of the spinal column. Spinal column anatomy. Disc protrusion and prolaps, spondylartrosis. Root compression, cervical myelopathy. Clinical feature, diagnostic, differential diagnostic, treatment.</p> <p><i>Prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN</i></p>	<p>Diseases of the spinal column. Spinal column anatomy. Disc protrusion, spondylartrosis. Root compression, cervical myelopathy. Clinical feature, diagnostic, differential diagnostic, treatment.</p>
2.	<p>20.2.2019</p> <p>Ischemic stroke. Risk factors, clinical feature, diagnosis, therapy.</p> <p><i>Prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN</i></p>	<p>Ischemic stroke. Risk factors, clinical feature, diagnosis, therapy.</p>
3.	<p>27.2.2019</p> <p>Epilepsy and seizures. Classification, generalized and partial seizures. Diagnostic, therapy. Febrile convulsions.</p> <p><i>MUDr. Eva Feketeová, PhD.</i></p>	<p>Epilepsy and seizures. Classification, generalized and partial seizures. Diagnostic, therapy. Febrile convulsions.</p>
4.	<p>6.3.2019</p> <p>Brain haemorrhage, subarachnoid haemorrhage. Risk factors, clinical feature, diagnosis, therapy.</p> <p><i>Prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN</i></p>	<p>Brain haemorrhage, subarachnoid haemorrhage. Risk factors, clinical feature, diagnosis, therapy.</p>
5.	<p>13.3.2019</p> <p>Demyelinating diseases. Multiple sclerosis, clinical feature, diagnostic, differential diagnostic, treatment. Other demyelinating diseases. ADEM, NMO.</p> <p><i>Doc. MUDr. Jarmila Szilasióvá, PhD.</i></p>	<p>Demyelinating diseases. Multiple sclerosis, clinical feature, diagnostic, differential diagnostic, treatment. Other demyelinating diseases. ADEM, NMO.</p>
6.	<p>20.3.2019</p> <p>Diseases of extrapyramidal system. Parkinson disease and Parkinson syndromes. Progressive supranuclear palsy, multisystem atrophy. M. Wilson. Dystonic syndromes. Huntington chorea, Chorea gravidarum.</p> <p><i>Doc. MUDr. Matej Škorvánek, PhD.</i></p>	<p>Diseases of extrapyramidal system. Parkinson disease and Parkinson syndromes. Progressive supranuclear palsy, multisystem atrophy. M. Wilson. Dystonic syndromes. Huntington chorea, Chorea gravidarum.</p>
7.	<p>27.3.2019</p> <p>Headache. Classification. Migraine. Tension headache. Cluster headache. Trigeminal neuralgia. Temporal arteritis.</p> <p><i>Prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN</i></p>	<p>Headache. Classification. Migraine. Tension headache. Cluster headache. Trigeminal neuralgia. Temporal arteritis.</p>

8.	<p>3.4.2019</p> <p>Brain tumors. Diagnosis, classification, diagnostic. Therapy. Paraneoplastic disorders. Pseudotumor cerebri.</p> <p><i>Prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN</i></p>	<p>Brain tumors. Diagnosis, classification, diagnostic. Therapy. Paraneoplastic disorders. Pseudotumor cerebri.</p>
9.	<p>10.4.2019</p> <p>Infections of the nervous system I. Meningitis, encephalitis. Neurosyphilis. Lyme disease. AIDS. Brain abscess.</p> <p><i>Prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN</i></p>	<p>Infections of the nervous system I. Meningitis, encephalitis. Neurosyphilis. Lyme disease. AIDS. Brain abscess.</p>
10.	<p>17.4.2019</p> <p>Infections of the nervous system II. Poliomyelitis anterior acuta, herpes zoster. Prion diseases.</p> <p>Demyelinating polyneuropathies. Acute demyelinating polyneuropathy (AIDP), Chronic demyelinating polyneuropathy (CIDP).</p> <p><i>Prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN</i></p>	<p>Infections of the nervous system II. Poliomyelitis anterior acuta, herpes zoster. Prion diseases.</p> <p>Demyelinating polyneuropathies. Acute demyelinating polyneuropathy (AIDP), Chronic demyelinating polyneuropathy (CIDP).</p>
11.	<p>24.4.2019</p> <p>WRITTEN TEST</p>	EEG, EMG, Ultrasound, CT, MRI
12.	<p>1.5.2019</p> <p>Dif. Dg. in neurology</p>	EEG, EMG, Ultrasound, CT, MRI
13.	<p>8.5.2019</p> <p>Muscle diseases. Dystrophia musculorum progressiva, myotonia, paroxysmal myoplegy, myasthenia gravis, polymyositis and dermatomyositis.</p> <p>Diseases of the peripheral nervous system. Motor neuron disease. Amyotrophic lateral sclerosis. Mononeuropathies, plexopathies</p> <p><i>Doc. MUDr. Jarmila Szilasiová, PhD.</i></p>	<p>Muscle diseases. Dystrophia musculorum progressiva, myotonia, paroxysmal myoplegy, myasthenia gravis, polymyositis and dermatomyositis.</p> <p>Diseases of the peripheral nervous system. Motor neuron disease. Amyotrophic lateral sclerosis. Mononeuropathies, plexopathies</p>
14.	<p>15.5.2019</p> <p>Metabolic disorders of the nervous system. Neurological complications of alcoholism, diabetes mellitus, anemia, kidney and liver diseases, thyreopathies and systemic disorders.</p> <p><i>Doc. MUDr. Jarmila Szilasiová, PhD.</i></p>	<p>Metabolic disorders of the nervous system. Neurological complications of alcoholism, diabetes mellitus, anemia, kidney and liver diseases, thyreopathies and systemic disorders.</p>

Conditions for passing the course:

1. 100 % active participation in practical exercises, in the case of absence, may substitute up to 3 exercises per semester
2. Compulsory attendance in at least 9 lectures (national holidays are not included)
3. Successful completion of the test.
4. Successful practical examination of the neurological patient.
5. The conditions for participation in the oral examination – fulfillment of the conditions 1, 2, 3 and 4.

Literature:

Gdovinová Z., Szilasiová J.: Textbook of general neurology. Košice : Aprilla Ltd. for Hanzlúvka Books, 2009. 189 s. ISBN 9788089346158 (brož.).

Brust J.C.M.: Neurology. Current Diagnosis and treatment. Lange Medical Books/McGraw-Hill, 2007. 601 pp. ISBN: 13: 978-0-07-110554-5

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