

Pavol Jozef Šafárik University in Košice, Faculty of Medicine
Department of Neurology

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>16.2.2022</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>MUDr. Marianna Vitková, PhD.</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>23.2.2022</p> <p>Epilepsy and seizures. Classification, generalized and partial seizures. Diagnostic, therapy. Febrile convulsions.</p> <p><i>Doc. MUDr. Eva Feketeová, PhD.</i></p>	<p>Epilepsy and seizures. Classification, generalized and partial seizures. Diagnostic, therapy. Febrile convulsions.</p>
3.	<p>2.3.2022</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>
4.	<p>9.3.2022</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>16.3.2022</p> <p>Demyelinating diseases. Multiple sclerosis, clinical feature, diagnostic, differential diagnostic, treatment. Other demyelinating diseases. ADEM, NMO.</p> <p><i>Doc. MUDr. Jarmila Szilasiová, PhD.</i></p>	<p>Demyelinating diseases. Multiple sclerosis, clinical feature, diagnostic, differential diagnostic, treatment. Other demyelinating diseases. ADEM, NMO.</p>
6.	<p>23.3.2022</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>30.3.2022</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>

8.	<p>6.4.2022</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>
9.	<p>13.4.2022</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>20.4.2022</p> <p>Dif. Dg. in neurology</p>	<p>Dif. Dg. in neurology</p>
11.	<p>27.4.2022</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>
12.	<p>4.5.2022</p> <p>TEST</p> <p>Muscle diseases. Dystrophia musculorum progressiva, myotonia, paroxysmal myoplegia, 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>TEST</p> <p>Muscle diseases. Dystrophia musculorum progressiva, myotonia, paroxysmal myoplegia, myasthenia gravis, polymyositis and dermatomyositis.</p> <p>Diseases of the peripheral nervous system. Motor neuron disease. Amyotrophic lateral sclerosis. Mononeuropathies, plexopathies</p>
13.	<p>11.5.2022</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>Prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN</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>
14.	<p>18.5.2022</p> <p>EEG, EMG, Ultrasound, CT, MRI</p>	<p>EEG, EMG, Ultrasound, CT, MRI</p>

Conditions for passing the subject Neurology 2:

The conditions for passing the subject Neurology 2 are:

1. 100 % participation in practical exercises in the distance form at the time of their holding, can be replaced by maximum of 3 exercises
2. Passing the ROGO test with a minimum of 60% achieved in the test
3. The lectures are distance form placed at the Portal of Medical Faculty (MEFANET) located on the webpage: portal.lf.upjs.sk/index-en.php, which will be available in the week according to syllabus, students are required to listen to them before practical exercises on the topic.
4. The condition for registering for the exam is the fulfillment of conditions 1-3.
5. Only students who pass the Neurology 2 test with a grade A or B can apply for the preterm.
6. The condition for passing Neurology 2 is successful completion of oral exam in regular term or 1st or 2nd repeat exam.

Students will be informed about the dates of exams continuously in the AIS system from April 20, 2022, each student is obliged to register 2 days in advance for the date of the exam.

Verification of technical compatibility and possibilities of connecting students to the ROGO system will be on 02. May, 2022 from 7.00 AM to 07.00 PM. In case of technical problems the student contacts Ing. Vladislav Ondič (mail: vladislav.ondic@upjs.sk).

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, 3rd edition, 2019. 624 pp. ISBN: 13: 978-1259835315, ISBN-10: 1259835316

Last modification: February 11, 2022