

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>12.2.2020</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. Petra Došeková</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>19.2.2020</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>
3.	<p>26.2.2020</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>4.3.2020</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>11.3.2020</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>18.3.2020</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>25.3.2020</p> <p>Headache. Classification. Migraine. Tension headache. Cluster headache. Trigeminal neuralgia. Temporal arteritis.</p>	<p>Headache. Classification. Migraine. Tension headache. Cluster headache. Trigeminal neuralgia. Temporal arteritis.</p>

	<i>Prof. MUDr. Zuzana Gdovinová, CSc. , FESO, FEAN</i>	
8.	<p>1.4.2020</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>8.4.2020</p> <p>Infections of the nervovous 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 nervovous system I. Meningitis, encephalitis. Neurosyphilis. Lyme disease. AIDS. Brain abscess.</p>
10.	<p>15.4.2020</p> <p>Dif. Dg. in neurology</p>	EEG, EMG, Ultrasound, CT, MRI
11.	<p>22.4.2020</p> <p>Infections of the nervovous system II. Poliomyelitis anterior acuta, herpes zoster. Prion diseases.</p> <p>Demyelinating polyneuropaties. Acute demyelinating polyneuropathy (AIDP), Chronic demyelinating polyneuropathy (CIDP).</p> <p><i>Prof. MUDr. Zuzana Gdovinová, CSc. , FESO, FEAN</i></p>	<p>Infections of the nervovous system II. Poliomyelitis anterior acuta, herpes zoster. Prion diseases.</p> <p>Demyelinating polyneuropaties. Acute demyelinating polyneuropathy (AIDP), Chronic demyelinating polyneuropathy (CIDP).</p>
12.	<p>29.4.2020</p> <p>EEG, EMG, Ultrasound, CT, MRI</p>	EEG, EMG, Ultrasound, CT, MRI
13.	<p>6.5.2020</p> <p>Muscle diseases. Dystrophia musculorum progressiva, myotonia, paroxysmal myoplegy, myastenia gravis, polymyositis and dermatomyositis.</p> <p>Diseases of the peripheral nervous system. Motor neuron disease. Amynotrophic lateral sclerosis. Mononeuropaties, plexopaties</p> <p><i>Doc. MUDr. Jarmila Szilasiová, PhD.</i></p>	<p>Muscle diseases. Dystrophia musculorum progressiva, myotonia, paroxysmal myoplegy, myastenia gravis, polymyositis and dermatomyositis.</p> <p>Diseases of the peripheral nervous system. Motor neuron disease. Amynotrophic lateral sclerosis. Mononeuropaties, plexopaties</p>
14.	<p>13.5.2020</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> <p><i>Doc. MUDr. Jarmila Szilasiová, PhD.</i></p>

Conditions for passing the subject Neurology II:

Due to the change in the form of study to distance study due to the Covid 19 virus epidemic, the conditions for passing the subject Neurology II will change as follows:

The condition for passing the subject Neurology II is:

1. Preparation of power point presentations by each study group on the topics listed below, with marking which student has prepared which parts / slides of the presentation, each student must participate in the presentation
2. These presentations are sending to their teachers once a week, the latest one by 15.5. 2020.
3. The sources for the preparing of presentations are lectures, which are on the website of the Department of Neurology UPJŠ LF and recommended literature.
4. The condition for signing up for the exam is fulfilling of the conditions 1-3.
5. The final test will consist of the content of the subjects Neurology I and Neurology II.

As it is uncertain whether contact teaching will resume, the exams of Neurology II in the school year 2019/2020 will be only by ROGO tests. In order to successfully complete the subject Neurology II, the student must pass the exam in the regular or 1st or 2nd term, with a minimum of 60% in the given test.

Students will be informed about the terms of tests (exams) continuously in the AIS system (from 20 April 2020), each student is required to apply for the exam term 2 days in advance.

Verification of technical compatibility and connectivity of students to the ROGO system will be on 11. – 12. May 2020 from 7AM to 7PM. In case of technical problems the student should contact Ing. Vladislav Ondič (mail: vladislav.ondic@upjs.sk).

Presentation topics:

5. teaching week: 9. 3. - 13.3.2020 Ischemic stroke, Spinal cord ischemia
6. teaching week : 16.3. - 20.3.2020 Brain haemorrhage, Subarachnoid haemorrhage, Spinal cord haemorrhage
7. teaching week: 23.3. -27.3.2020 Demyelinating disorders of the CNS: MS, NMOSD, ADEM.
8. teaching week: 30.3. - 3.4.2020 Disorders affecting extrapyramidal system
9. teaching week: 6.4. - 10.4.2020 Headache
10. teaching week : 13.4. - 17.4.2020 Brain tumors. Paraneoplastic disorders. Pseudotumor cerebri.
11. teaching week : 20.4. - 24.4.2020 Neuroinfections I a II
12. teaching week : 27.4. - 1.5.2020 Inflammatory polyneuropathies – AIDP, CIDP, MMN.
13. teaching week : 4.5. - 8.5.2020 Myopathies, Myasthenia gravis.
14. teaching week : 11.5. - 15.5.2020 Metabolic disorders, Mononeuropathies and plexopathy

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

Last modification: March 23, 2020