

Subject: Pathological Physiology 2
Study programme: General Medicine
Category of subject: Compulsory

Form of study: Lectures/seminars 3/3
Study form: Full-time study
Prerequisites: Pathological Physiology 1, Medical Biochemistry 1

Semester: 6th
Completion of the course: Exam
Credits: 6

Department of Pathological Physiology, Faculty of Medicine, Pavol Jozef Šafárik University, Košice
Schedule of the lectures and tutorials from Pathological Physiology 2 for General Medicine; Summer semester 2021/2022

W	Lecture (Thursday 8 ⁰⁰ -9 ³⁰ 9 ⁴⁵ -10 ³⁰ P3)		Lecturer	Practical lessons		Credit tests (other duties)
	Date	Topic		Date	Topic (T - tutorials, S – seminars)	
1.	17.2.	CVS I. Dysrhythmias – pathogenesis; genet. CVS II. Cardiomyopathy, Heart failure	Beňačka	14.2.- 18.2.	T: Intro cardiovasc. syst., Coronary heart disease, S: <i>Ischem. vascul. dis.; Atherosclerosis</i>	Seminar works (consultations)
2.	24.2.	CVS III. Hypertension systemic, pulmonary CVS IV. Ischaemic heart disease, Infarction	Beňačka	21.2.- 25.2.	T: Cardiomyopathies; <i>Hypotension/ hypertension</i> ; S: <i>Dysrhythmias; Basic ECG pat.</i>	Seminar works deadline
3.	3.3.	CVS V. Congen. & acquired valvular disorders HS I. Haemorrhagic diathesis; thrombophilia	Ráčz	28.2.- 4.3.	T: Cardiovascular dis., Haematol. data S: <i>Anaemic syndrome, Leukemias;</i>	Presentations of seminar works/Quiz
4.	10.3.	RS I. Obstructive & restrict. disorders RS II. Respiratory failure	Beňačka	7.3.- 11.3.	T: Haematology, Coagulation disorders, Respirology S: <i>Disorders of ventilation, diffusion & perfusion</i>	Practical protocol Cardio-respir. eval..
5.	17.3.	NF I. Glomerular & tubulointerst disorders NF II. Kidney failure – acute, chronic (uremia)	Beňačka	14.3.- 18.3	T: Reserved topics S: Review – <i>Cardiovasc., respir., renal dis.</i>	Credit test 1
6.	24.3.	NS I. Motor disorders; weakness, palsy NS II. Somatosensory disorders	Beňačka	21.3.- 25.3	T: Kidney stones; Tubulointerst. dis., Pyelonephritis, S: <i>Spinal cord sy.; Motor. dis, Sens. dis., Pain</i>	Presentations of seminar works/Quiz
7.	31.3	NS III. Vegetative nervous disorders NS IV. Neurodegenerative disorders	Beňačka	28.3.- 1.4	T: Neuropathies, Myopathies, etc. S: <i>Demyelination dis.; Alzheimer & Parkinson dis.</i>	Presentations of seminar works/Quiz
8.	7.4.	NS V. Higher NS disorders; Dementia ES I. Hypothalamic-hypoph. disorders I ES II. Hypophyseal disorders II, GH - disorders	Beňačka	4.4.- 8.4	T: Cerebrovascular disease; Intracerebr. haemorrh. S: <i>Sensory dis.; deafness, blindness Epilepsy</i>	Credit test 2
9.	14.4.	Reserved Topic		11.4.- 14.4	T: Reserved topics S: Review – <i>Nervous dis.</i>	Practical protocol Audiogenic epilepsy
10.	21.4	ES III. Supraren disorders ES IV. Thyroid disorders	Beňačka	20.4.- 22.4	T: Endocrinol. disorders; Gonadal dysf. S: <i>Parathyroid. syst.; Calcium metabolism</i>	Presentations of seminar works/Quiz
11.	28.4.	DM I. Diabetes mellitus - etiopathogenesis DM II. DM – manifestation, Insulin resistance	Ráčz	25.4.- 29.4	T: DM pathophysiology; Metabolic sy. S: <i>Acute & chronic complications of diabetes</i>	Presentations of seminar works/Quiz
12.	5.5.	GIT I. Peptic ulcer dis.; Bowel disorders	Beňačka	2.5.- 6.5	T: Esoph. dis.; GIT sympt. maldig., malabsorption S: <i>Celiac diaseze; Jaundice</i>	Practical protocol Experim. gastric ulcer
13.	12.5.	GIT II. Liver failure; Pancreatic diseases	Beňačka	9.5.- 13.5	T: Reserved topics S: Review – <i>Liver disorders & pancreatic dis.</i>	Credit test 3
14.	19.5.	CT. Osteoporosis, osteomalatia Degen. disorders of joints; reumatism	Lovásová	16.5.- 20.5	<i>Final evaluation. Exams. Credits</i>	---

Seminars (S) = special topics for discussion; **Tutorials & homeworks & exams (T)** = consultations, oral and quiz exams on the topics from the lectures and seminars. Students have to prepare for tutorials and seminars on the regular basis by home study. Doc. MUDr. Roman Beňačka, CSc., mim.prof.