

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 2019/2020

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.	13.2.	CVS I. Congen. and acquired valvular disorders CVS II. Ischaemic heart disease	Ráčz	10.2.-14.2.	T: Intro cardiovasc. syst., Coronary heart disease, S: <i>Ischem. vascul. dis.; Atherosclerosis</i>	Seminar works (consultations)
2.	20.2.	CVS III. Dysrhythmias – pathogenesis; genet. CVS IV. Heart failure – systolic, diastolic	Beňačka	17.2.-21.2.	T: Cardiomyopathies; <i>Hypotension/ hypertension</i> ; S: <i>Dysrhythmias; Basic ECG pat.</i>	Seminar works deadline
3.	27.2.	CVS V. Hypertension HS I. Haemorrhagic diathesis; thrombophilia	Ráčz	24.2.-28.2.	T: Cardiovascular dis., Haematol. data S: <i>Anaemic syndrome, Leukemias;</i>	Presentations of seminar works
4.	5.3.	RS I. Restrict. & obstructive dis.; Asthma RS II. Respiratory failure	Beňačka	2.3.-6.3.	T: Haematology, Coagulation disorders, Respirology S: <i>Disorders of ventilation, diffusion & perfusion</i>	Practical protocol Cardio-respir. eval..
5.	DS	NF I. Glomerular & tubulointerst disorders NF II. Kidney failure – acute, chronic (uremia)	Beňačka	DS	T: Reserved topics S: Review – <i>Cardiovasc., respir., renal dis.</i>	E-presentations of semestral works
6.	DS	NS I. Motor disorders; weakness, palsy NS II. Somatosensory disorders	Beňačka	DS	T: Kidney stones; Tubulointerst. dis., Pyelonephritis, S: <i>Spinal cord sy.; Motor. dis, Sens. dis., Pain</i>	E-presentations of semestral works
7.	DS	NS III. Vegetative nervous disorders NS IV. Neurodegenerative disorders	Beňačka	DS	T: Neuropathies, Myopathies, etc. S: <i>Demyelination dis.; Alzheimer & Parkinson dis.</i>	E-presentations of semestral works
8.	DS	NS V. Higher NS disorders; Dementia ES I. Hypothalamic- hypoph. disorders I	Beňačka	DS	T: Cerebrovascular disease; Intracerebr. haemorrh. S: <i>Sensory dis.; deafness, blindness Epilepsy</i>	Practical protocol Audiogenic epilepsy
9.	DS	ES II. Hypophyseal disorders II; GH- dis., SIADH, DI, Prolactin	Beňačka	DS	T: Endocrinol. disorders; Gonadal dysf. S: <i>Parathyroid. syst.; Calcium metabolism</i>	E-quiz Nervous sy., Renal sy.
10.	DS	ES III. Supraren disorders; Hypoph. horm. Dis. ES IV. Thyroid disorders	Beňačka	DS	T: Reserved topics S: Review – <i>Endocrinol. dis.</i>	E-presentations of semestral works
11.	DS	DM I. Diabetes mellitus - etiopathogenesis DM II. DM – manifestation, Insulin resistance	Ráčz	DS	T: DM pathophysiology; Metabolic sy. S: <i>Acute & chronic complications of diabetes</i>	E-presentations of semestral works
12.	DS	GIT I. Peptic ulcer dis.; Bowel disorders	Beňačka	DS	T: Esoph. dis.; GIT sympt. maldig., malabsorption S: <i>Celiac diaseze; Jaundice</i>	Practical protocol Gastric ulcer
13.	DS	GIT II. Liver failure; Pancreatic diseases	Beňačka	DS	T: Reserved topics S: Review – <i>Liver disorders & pancreatic dis.</i>	E-quiz Endocrin., DM, GIT, Liver, Pancreas.
14.	DS	CT. Osteoporosis, osteomalatia Degen. disorders of joints; reumatism	Lovásová	DS	<i>Final evaluation. Exams. Credits</i>	---

DS – distant study

Update 23.3.2020

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.