

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 2022/2023

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.	16.2.	CVS I. Dysrhythmias – pathogenesis; genet. CVS II. Cardiomyopathy, Heart failure	Beňačka	13.2.- 17.2.	T: Intro cardiovasc. syst. S: <i>Ischem. vascul. dis.; Atherosclerosis</i>	Seminar works (consultations)
2.	23.2.	CVS III. Hypertension systemic, pulmonary CVS IV. Ischaemic heart disease, Infarction	Beňačka	20.2.- 24.2.	T: Coronary heart disease, Cardiomyopathies S: <i>Dysrhythmias; Basic ECG pat.</i>	Seminar works deadline
3.	2.3.	CVS V. Congen. & acquired valvular disorders HS I. Haemorrhagic diathesis; thrombophilia	Ráčz	27.2.- 3.3.	T: Hypotension, Hypertension S: <i>Anaemic syndrome</i>	Presentations of seminar works/Quiz
4.	9.3.	RS I. Obstructive & restrict. disorders RS II. Respiratory failure	Beňačka	6.3.- 10.3.	T: Haematol. data, Coagulation disorders S: <i>Leukemias; lymphomas</i>	Presentations of seminar works/Quiz
5.	16.3.	NF I. Glomerular & tubulointerst disorders NF II. Kidney failure – acute, chronic (uremia)	Beňačka	13.3.- 17.3.	T: <i>Disorders of ventilation, diffusion & perfusion</i> S: <i>Cystic fibrosis, lung edema</i>	Practical protocol Cardio-respir. eval..
6.	23.3.	NS I. Motor disorders; weakness, palsy NS II. Somatosensory disorders	Beňačka	20.3.- 24.3.	T: Glomerular & tubular disorders S: Kidney stones; Tubulointerst. dis., Pyelonephritis	Presentations of seminar works/Quiz
7.	30.3.	NS III. Vegetative nervous disorders NS IV. Neurodegenerative disorders	Beňačka	27.3.- 31.3.	T: <i>Demyelination dis.; Alzheimer & Parkinson dis.</i> S: Review – Cardiovasc., haemat., respir., renal dis.	Credit test 1
8.	6.4.	Dean's day off		3.4.- 5.4.	T: Neuropathies, Myopathies, etc. S: <i>Spinal cord sy.; Motor. dis, Sens. dis., Pain</i>	Presentations of seminar works/Quiz
9.	13.4.	NS V. Higher NS disorders; Dementia ES I. Hypothalamic-hypoph. disorders I ES II. Hypophyseal disorders II, GH - disorders	Beňačka	12.4.- 14.4.	T: Cerebrovascular disease; Intracerebr. haemorrh. S: <i>Sensory dis.; deafness, blindness Epilepsy</i>	Practical protocol Audiogenic epilepsy
10.	20.4.	ES III. Supraren disorders ES IV. Thyroid disorders	Beňačka	17.4.- 21.4.	T: Endocrinol. disorders; Gonadal dysf. S: <i>Parathyroid. syst.; Calcium metabolism</i>	Presentations of seminar works/Quiz
11.	27.4.	DM I. Diabetes mellitus - etiopathogenesis DM II. DM – manifestation, Insulin resistance	Ráčz	24.4.- 28.4.	T: DM pathophysiology; Metabolic sy. S: <i>Acute & chronic complications of diabetes</i>	Presentations of seminar works/Quiz
12.	4.5.	GIT I. Peptic ulcer dis.; Bowel disorders	Beňačka	2.5.- 5.5.	T: Esoph. dis.; GIT sympt. maldig., malabsorption S: <i>Celiac disease; Jaundice</i>	Practical protocol Experim. gastric ulcer
13.	11.5.	GIT II. Liver failure; Pancreatic diseases	Beňačka	9.5.- 12.5.	T: <i>Liver disorders & pancreatic dis.</i> S: Review – NS, endocrin., GIT dis.	Credit test 2
14.	18.5.	CT. Osteoporosis, osteomalacia Degen. disorders of joints; reumatism	Lovásová	15.5.- 19.5.	<i>Final evaluation. Exams. Credits</i>	---

Central timetable change: Classes on 3.5.2023 (Wednesday) will be held as on Monday

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.