

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 2024/2025

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. Dysrhythmias – pathogenesis; genet. CVS II. Cardiomyopathy, Heart failure	Beňačka	10.2.- 14.2.	S: Intro cardiovasc. system T: Ischem.vascul. dis.; Atherosclerosis	Seminar works (consultations)
2.	20.2.	CVS III. Hypertension systemic, pulmonary CVS IV. Ischaemic heart disease, Infarction	Beňačka	17.2.- 21.2.	S: Congenital heart defects, Cardiomyopathies T: Dysrhythmias -basic ECG pat.	Seminar works deadline
3.	27.2.	HEM I. Red cell disorders HEM II. Leucocyte disorders	Brenišn	24.2.- 28.2.	S: Hypotension, syncope, collapse T: Acute coronary sy., ECG pat, biochem. param.	Presentations of seminar works/Quiz
4.	6.3.	RS I. Respir. disfunction (obstr. & restrict. dis.) RS II. Respiratory failure	Beňačka	3.3.- 7.3.	S: Haematol. data; Review of haemathology T: Anemia, leukemia;	Presentations of seminar works/Quiz
5.	13.3.	NF I. Glomerular & tubulointerst disorders NF II. Kidney failure – acute, chronic (uremia)	Beňačka	10.3.- 14.3	S: Asthma, COPD, ventilometr.param. T: Lung edema, basic auscultation evaluation	Practical protocol Cardio-respir.eval..
6.	20.3.	NS I. Motor disorders; weakness, palsy NS II. Somatosensory disorders	Beňačka	17.3.- 21.3	S: Kidney stones; Tubulointerst. dis., Pyelonephritis T: Hematuria, proteinuria, urination dis., parameters	Presentations of seminar works/Quiz
7.	27.3.	NS III. Vegetative nervous disorders NS IV. Neurodegenerative disorders	Beňačka	24.3.- 28.3	S: Review – Cardiovasc., haemat., respir., renal dis.	Credit test 1
8.	3.4.	NS V. Higher NS disorders; Dementia ES I. Hypothalamic-hypoph.disorders I	Beňačka	31.3.- 4.4	T: Neuromuscular dis., Musculopathies, S: Spinal cord sy.; Multiple sclerosis,	Presentations of seminar works/Quiz
9.	10.4.	ES II. Hypophyseal disorders II ES IV. Thyroid disorders; Supraren	Beňačka	7.4.- 11.4	T: Cerebrovascular disease; Intracerebr. haemorrh. S: Epilepsy	Practical protocol Audiogenic epilepsy
10.	17.4.	Dean's day off		14.4.- 16.4	T: Supraren disorders; Gonadal dysf. S: Parathyroid. syst.; Calcium metabolism	Presentations of seminar works/Quiz
11.	24.4.	DM I. Diabetes mellitus - etiopathogenesis DM II. DM – manifestation, Insulin resistance	Beňačka Lovásová	23.4.- 25.4	T: Metabolic sy., Acute & chronic comp. of diabetes S: GIT symptomatology, maldig., malabsorption	Presentations of seminar works/Quiz
12.	30.4. (We)	GIT I. Peptic ulcer dis.; Bowel disorders GIT II. Liver failure; Pancreatic diseases	Beňačka	28.4.- 2.5	T: Celiac disease; S: Liver disorders; Jaundice	Practical protocol Experim. gastric ulcer
13.	8.5.	Public holiday		5.5.- 9.5	S: Review – NS, endocrin., GIT dis.	Credit test 2
14.	15.5.	CT. Osteoporosis, osteomalatia Degen. disorders of joints; reumatism	Lovásová	12.5.- 16.5	<i>Final evaluation. Exams. Credits</i>	---

Central timetable change: Classes on 30.4.2025 (Wednesday) will be held as on Thursday

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.