

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 lectures and tutorials from Pathological Physiology 2 for General Medicine, Summer semester 2025/2026

W	Lecture (Thursday 8 ⁰⁰ -9 ³⁰ 9 ⁴⁵ -10 ³⁰ P3)		Lecturer	Practical lessons		Credit tests (other duties)
	Date	Topic		Date	Topic	
1.	12.2.	CVS I. Congenital heart diseases; Congenital and acquired valve defects; Heart failure	Pallayová	9.2.-13.2.	CVS I. Electrical activity of the heart – action potential, conduction system of the heart Introduction to ECG diagnostics	Semester works review
2.	19.2.	CVS II. Atherosclerosis; Coronary heart diseases – acute and chronic; Cardiomyopathy	Pallayová	16.2.-20.2.	CVS II. Myocardial infarction, angina pectoris ECG diagnostics of the myocardial infarction	Sem. works deadline Quiz, presentations, Case reports
3.	26.2.	CVS III. Dysrhythmias – etiology, mechanisms, classification; Systemic hypertension	Brenišin	23.2.-27.2.	CVS III. Dysrhythmias – classification; ECG diagnostics	Quiz, presentations, Case reports
4.	5.3.	RS I. Pathophysiology of the main clinical manifestations of respiratory diseases; Pulmonary hypertension, Pulmonary embolism; Respiratory failure	Beňačka	2.3.-6.3.	CVS IV. Hypotension, collapse, syncope RS I. Disorders of ventilation, Sleep apnea Ventilometric parameters - spirometry	Quiz, presentations, Case reports
5.	12.3.	RS II. Obstructive and restrictive lung diseases; Pulmonary edema	Beňačka	9.3.-13.3.	RS II. Manifestation of heart and pulmonary disorders Heart and lung murmurs	Protocol 3 Heart and lung murmurs
6.	19.3.	NS I. Motor disorders, sensory disorders Autonomic nervous system	Beňačka	16.3.-20.3.	NS I. Spinal cord disorders, sensory disorders	Quiz, presentations, Case reports
7.	26.3.	Credit test 3	Pallayová	23.3.-27.3.	Credit test 3 NS II. Multiple sclerosis	Credit test 3
8.	2.4.	Dean's day off		30.3.-1.4.	NS III. Neuromuscular diseases Epilepsy	Protocol 4 Audiogenic epilepsy
9.	9.4.	NS II. Neurodegenerative disorders; Dementia Cerebrovascular diseases	Beňačka	8.4.-10.4.	ENDO I. Thyroid disorders	Quiz, presentations, Case reports
10.	16.4.	ENDO I. Mechanisms of hormonal regulation disorders; Hypothalamic-pituitary diseases; Adrenal diseases	Šalamonová Blichová	13.4.-17.4.	ENDO II. Parathyroid diseases Gonadal disorders	Quiz, presentations, Case reports
11.	23.4.	ENDO II. Diabetes mellitus; Complications of DM	Pallayová	20.4.-24.4.	GIT I. Pathophysiology of the oral cavity, esophagus Diseases of the stomach, small and large intestines;	Quiz, presentations, Case reports
12.	30.4.	Classes scheduled as on Friday		27.4.-30.4.	GIT II. Pathophysiology of the liver and gallbladder, Pancreatitis	Quiz, presentations, Case reports
13.	7.5.	Credit test 4	Pallayová	4.5.-8.5.	Credit test 4 NS IV. Pathophysiology of the senses – vision, hearing	Credit test 4
14.	14.5.	CT. Pathophysiology of the bones and joints	Lovásová	11.5.-15.5.	Evaluation of semester, credits	

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

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