

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

**Form of study:** Lectures/seminars 2/2  
**Study form:** Full-time study  
**Prerequisites:** Pathological Physiology 1

**Semester:** 6<sup>th</sup>  
**Completion of the course:** exam  
**Credits:** 4

**Department of Pathological Physiology, Faculty of Medicine, Pavol Jozef Šafárik University, Košice**  
**Schedule of the lectures and tutorials from Pathological Physiology 2 for Dental Medicine, Summer semester 2022/2023**

W	Date	Lecture (Friday 12 <sup>00</sup> – 13 <sup>30</sup> PL)	Lecturer	Date	Practical lessons	Credit tests (other duties)
		Topic			Topic (T- tutorials, S - seminars)	
1.	17.2.	CVS I. Dysrhythmias - pathogenesis CVS II. Heart failure – forms, pathogenesis	Beňačka	13.2.- 17.2.	T: Intro cardiovasc. syst. S: <i>Valvular &amp; congenital heart disorders</i>	Seminar works (consultations)
2.	24.2.	CVS III. Atherosclerosis; Ischemic heart dis. CVS IV. Hypertension	Ráčz	20.2.- 24.2.	T: <i>Angina pectoris &amp; myocardial infarction</i> S: <i>Dysrhythmias, ECG</i>	<b>Seminar works deadline</b>
3.	3.3.	HS I. Hemorrhagic diathesis and thrombophilia	Ráčz	27.2.- 3.3.	T: <i>Hypotension, Hypertension</i> S: <i>Anaemic syndrome</i>	Presentations of seminar works/Quiz
4.	10.3.	RS I. Respiratory pathophysiology, overview RS II. Obstructive & restrictive disorders	Beňačka	6.3.- 10.3.	T: Haematol. data, Leukemia S: <i>Coagul. dis., Hemorrhages; Hematomas</i>	Presentations of seminar works/Quiz
5.	17.3.	NF I. Glomerulopathies NF II. Acute & chronic kidney failure	Beňačka	13.3.- 17.3.	T: Disorders of ventilat., diffus., perfusion S: <i>Respiratory failure; lung edema</i>	Presentations of seminar works/Quiz
6.	24.3.	NS I. Motor disorders; facial palsy	Beňačka	20.3.- 24.3.	T: Ren. stones; Tubul.- interst. dis., S: <i>Pyelonephritis.</i>	Presentations of seminar works/Quiz
7.	31.3.	NS II. Sensory disorders; Pain NS III. Vegetative disorders	Beňačka	27.3.- 31.3.	T: <i>Neuromuscular diseases</i> S: <b>Review</b> – <i>Cardiovasc., haem., respir., renal dis.</i>	<b>Credit test 1</b>
8.	7.4.	Good Friday		3.4.- 5.4.	T: Trigeminal neuropathy; tooth pain S: <i>Demyelination dis., Epilepsy</i>	Presentations of seminar works/Quiz
9	14.4.	NS IV. Neurodegenerative disorders NS V. Cerebrovascular diseases – stroke	Beňačka	12.4.- 14.4.	T: Alzheimer dis. S: <i>Higher nervous dysf., Dementia sy.</i>	Presentations of seminar works/Quiz
10.	21.4.	ES I. Hypoth.-hypophys. dis. GH dis., SIADH, DI ES II. Supraren; thyroid & parathyroid gl. dis.	Beňačka	17.4.- 21.4.	T: Pathophysiology of endocrine system S: <i>Calcium metabolism</i>	Presentations of seminar works/Quiz
11.	28.4.	DM I. Diabetes mellitus DM II. Complications of DM	Ráčz	24.4.- 28.4.	T: Acute and chronic complications S: <i>Diabetes mellitus; DM in dentistry</i>	Presentations of seminar works/Quiz
12.	5.5.	GIT I. Gastric disorders., Bowel disorders,	Beňačka	2.5.- 5.5.	T: GIT-symptoms; Maldigest., Malabsorption S: <i>Oral cavity dis., Esophag. dis., Pancreatic dis.</i>	Presentations of seminar works/Quiz
13.	12.5.	GIT II. Liver failure, Jaundice, Portal hyperten.	Beňačka	9.5.- 12.5.	T: <i>Gastrointestinal dis.</i> S: <b>Review</b> – <i>NS, endocrn., GIT dis</i>	<b>Credit test 2</b>
14.	19.5.	CT. Osteoporosis, osteomalatia in dentistry Deg. disorders of joints, reumat. Arthritis	Lovásová	15.5.- 19.5.	Final evaluation. Exams. <b>Credits</b>	---

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

**Seminars (S)** = new topics presented and discussed as a mini-lectures; **Tutorials & homeworks & exams (T)** = discussions, consultations, oral and quiz exams on the topics from the lectures and seminars.  
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