

**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 2019/2020**

W	Date	Lecture (Friday 12 <sup>00</sup> – 13 <sup>30</sup> PC)	Lecturer	Date	Practical lessons	Credit tests (other duties)
		Topic			Topic (T- tutorials, S - seminars)	
1.	14.2.	CVS I. Dysrhythmias - pathogenesis CVS II. Heart failure – forms, pathogenesis	Beňačka	10.2.- 14.2.	T: Valvular & congenital heart disorders S: Hypotension, Hypertension	Seminar works (consultations)
2.	21.2.	CVS III. Atherosclerosis; Ischemic heart dis. CVS IV. Hypertension	Ráčz	17.2.- 21.2.	T: <i>Angina pectoris &amp; myocardial infarction</i> S: <i>Dysrhythmias, ECG</i>	<b>Seminar works deadline</b>
3.	28.2.	HS I. Hemorrhagic diathesis and thrombophilia	Ráčz	24.2.- 28.2.	T: Haematol data, physiol., <i>Anemias</i> S: <i>Leukaemia, Hemorrhages; Hematomas</i>	Presentations of seminar works/Quiz
4.	6.3	RS I. Respiratory pathophys. overview Obstructive & restrictive disorders	Beňačka	2.3.- 6.3.	T: Disorders of ventilat., diffus., perfusion S: <i>Respiratory failure; lung edema</i>	Presentations of seminar works/Quiz
5.	DS	NF I. Glomerulopathies NF II. Acute & chronic kidney failure	Beňačka	DS	T: Reserved topics S: <b>Review</b> – <i>Cardiovasc., respir., renal dis.</i>	E-presentations of semestral works
6.	DS	NS I. Motor disorders	Beňačka	DS	T: Ren. stones; Tubul.- interst. dis., Pyelonephr., S: <i>Neuromuscular diseases; Nervous dis.</i>	E-presentations of semestral works
7.	DS	NS II. Sensory disorders; Pain NS III. Vegetative disorders	Beňačka	DS	T: Trigeminal neuropathy; tooth pain S: <i>Demyelination dis., Epilepsy</i>	E-presentations of semestral works
8.	DS	NS IV. Neurodegenerative disorders NS V. Cerebrovascular diseases – stroke	Beňačka	DS	T: Alzheimer dis. S: <i>Higher nervous dysf., Dementia sy.</i>	E-presentations of semestral works
9	DS	ES I. Hypothalamic - hypophyseal dis. GH- dis., SIADH, DI, Prolactin	Beňačka	DS	T: Pathophysiology of endocrine system S: Calcium metabolism	<b>E-quiz</b> Nervous sy., Renal sy
10.	DS	ES II. Supraren; thyroid & parathyroid gl. dis.	Beňačka	DS	T: Reserved topics S: <b>Review</b> – <i>Nervous, endocrine dis.</i>	E-presentations of semestral works
11.	DS	DM I. Diabetes mellitus DM II. Complications of DM	Ráčz	DS	T: Acute and chronic complications S: <i>Diabetes mellitus; DM in dentistry</i>	E-presentations of semestral works
12.	DS	GIT I. Gastric disorders., Bowel disorders,	Beňačka	DS	T: GIT-symptoms; Maldigest., Malabsorption S: <i>Oral cavity dis., Esophag. dis., Pancreatic dis.</i>	E-presentations of semestral works
13.	DS	GIT II. Liver failure, Jaundice, Portal hyperten.	Beňačka	DS	T: Reserved topic S: <b>Review</b> – <i>Gastrointestinal dis.</i>	<b>E-quiz</b> Endocrin., DM, GIT, Liver, Pancr.
14.	DS	CT. Osteoporosis, osteomalatia in dentistry Deg. disorders of joints, reumat. Arthritis	Lovásová	DS	Final evaluation. Exams. <b>Credits</b>	---

DS – distant study

Update 23.3.2020

**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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