

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: 6th
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 2024/2025

W	Date	Lecture (Friday 12 ⁰⁰ – 13 ³⁰ PL)	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: Intro cardiovasc. syst. S: <i>Valvular heart disorders, endo-, myocarditis</i>	Seminar works (consultations)
2.	21.2.	CVS III. Atherosclerosis; Ischemic heart dis. CVS IV. Hypertension	Brenišin	17.2.- 21.2.	T: Angina pectoris & myocardial infarction S: <i>Dysrhythmias, ECG</i>	Seminar works deadline
3.	28.2.	HS I: Red cell disorders - introduction HS II. Leukemias and leukocyte disorders	Brenišin	24.2.- 28.2.	T: Hypotension, Hypertension; <i>appl.in dentistry</i> S: <i>Haematol. data; pathophysiol. findings</i>	Presentations of seminar works/Quiz
4.	7.3.	RS I. Respiratory pathophysiology RS II. Obstructive & restrictive disorders	Beňačka	3.3.- 7.3.	T: Pathophysiology of red and white cell lines, S: <i>Coagul.dis., Hemorrhages; manif. in oral cav.</i>	Presentations of seminar works/Quiz
5.	14.3.	NF I. Glomerulopathies; tubulointerstit. dis. NF II. Acute & chronic kidney failure	Beňačka	10.3.- 14.3.	T: Disorders of ventilat., diffus., perfusion S: <i>Respiratory failure; lung edema; appl.in dentist..</i>	Presentations of seminar works/Quiz
6.	21.3.	NS I. Motor disorders; facial palsy NS II. Sensory disorders;	Beňačka	17.3.- 21.3.	T: Ren. stones; Tubul.- interst. dis., Pyelonephr. S: <i>Nephrologic disorders; appl in dentistry</i>	Presentations of seminar works/Quiz
7.	28.3.	NS III. Neurodegenerative dis & Dementia	Beňačka	24.3.- 28.3	S: Review – Cardiovasc., haem.,respir., renal dis.	Credit test 1
8.	4.4.	NS V: Demyelin. dis.; neuropathies NS IV. Cerebrovascular diseases – stroke	Beňačka	31.3.- 4.4.	T: Cranial nerve dis; neuromuscular dis S: <i>Epilepsy ; NS dis.. applicability in dentistry</i>	Presentations of seminar works/Quiz
9	11.4.	ES I: Hypothalamic –hypophyseal diseases ES II: Supraren; disorders	Nováková	7.4.- 11.4.	T: Endocrinology pathophysiology intro. S: <i>Disorders of thyroid gland ; appl. in oral cav.</i>	Presentations of seminar works/Quiz
10.	18.4.	GOOD FRIDAY	---	14.4.- 18.4.	T: Pathophysiology of endocrine system S: <i>Calcium metabolism, manif. in oral cav.</i>	Presentations of seminar works/Quiz
11.	25.4.	DM I. Diabetes mellitus DM II. Complications of DM	Lovásová	21.4.- 25.4.	T: Acute and chronic complications of DM S: <i>Diabetes mellitus; manif. in oral cav.</i>	Presentations of seminar works/Quiz
12.	2.5.	GIT I. Gastrointestinal disorders	Beňačka	28.4.- 2.5.	T: GIT-symptoms; Maldigest., Malabsorption S: <i>Oral cavity dis., GIT manifestations in OC</i>	Presentations of seminar works/Quiz
13.	9.5.	GIT II. Liver and pancreatic disorders	Beňačka	5.5.- 9.5	S: Review – NS, endocrin., GIT dis.	Credit test 2
14.	16.5.	CTI. Osteoporosis, osteomalatia in dentistry CTII. Degener. of joints, Rheum. arthritis	Lovásová	12.5.- 16.5	Final evaluation. Exams. Credits	---

Central timetable change: Wednesday 30.04.2025 held as THURSDAY

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.
 Doc. MUDr. Roman Beňačka, CSc.