

**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 2025/2026**

| W   | Lecture (Friday, P4 at 12:00 – 14:30) |                                                                                                             | Lecturer            | Practical lessons |                                                                                                     | Credit tests (other duties)                              |
|-----|---------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------|-------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------|
|     | Date                                  | Topic                                                                                                       |                     | Date              | Topic                                                                                               |                                                          |
| 1.  | 13.02.                                | <b>CVS I.</b> Congenital and acquired heart defects. Atherosclerosis                                        | Pallayová           | 09.02. – 13.02.   | <b>CVS I.</b> Endocarditis, myocarditis, pericarditis. Cardiomyopathies                             | Semester works review                                    |
| 2.  | 20.02.                                | <b>CVS II.</b> Ischemic heart disease. Acute coronary syndrome. Heart failure                               | Pallayová           | 16.02. – 20.02.   | <b>CVS II.</b> Hypertension (application in dental medicine)                                        | Sem. works deadline<br>Quiz, presentations, Case reports |
| 3.  | 27.02.                                | <b>RS I.</b> Respiratory disorders pathomechanisms. Respiratory failure (overview, mechanisms)              | Beňačka             | 23.02. – 27.02.   | <b>RS I.</b> Breathing disorders. Sleep apnoea syndrome                                             | Quiz, presentations, Case reports                        |
| 4.  | 06.03.                                | <b>RS II.</b> Obstructive and restrictive disorders, pulmonary hypertension, embolism, paradoxical embolism | Beňačka             | 02.02.- 06.03.    | <b>RS II.</b> Bronchial asthma, COPD in dental medicine                                             | Quiz, presentations, Case reports                        |
| 5.  | 13.03.                                | <b>DENT I.</b> White and red lesions. Soft tissues disorders                                                | Nováková            | 09.03. – 13.03.   | <b>DENT I.</b> Systemic disorders manifestation in oral cavity                                      | Quiz, presentations, Case reports                        |
| 6.  | 20.03.                                | <b>NS I.</b> Basic motoric disorders pathomechanisms. Upper and lower motor neuron damage                   | Brenišin            | 16.03. – 20.03.   | <b>NS I.</b> Bell's palsy and palsy of facial nerve. Cranial nerves disorders                       | Quiz, presentations, Case reports                        |
| 7.  | 27.03.                                | <b>Credit test 3</b>                                                                                        | Pallayová           | 23.03. – 27.03.   | <b>Credit test 3</b><br>Spinal shock and spinal cord disorders                                      | <b>Credit test 3</b>                                     |
| 8.  | 03.04.                                | GOOD FRIDAY                                                                                                 | ---                 | 30.03. – 03.04.   | <b>NS II.</b> Overview of cerebrovascular disorders                                                 | Quiz, presentations, Case reports                        |
| 9.  | 10.04.                                | <b>ENDO I.</b> Hypothalamus-pituitary disorders. Endocrine regulation overview                              | Šalamonová Blichová | 06.04. – 10.04.   | <b>ENDO I.</b> Thyroid gland and parathyroid glands disorders                                       | Quiz, presentations, Case reports                        |
| 10. | 17.04.                                | <b>ENDO II.</b> Pathomechanisms and types of diabetes mellitus (overview)                                   | Pallayová           | 13.04. – 17.04.   | <b>ENDO II.</b> Acute and chronic diabetes mellitus complications. DM manifestations in oral cavity | Quiz, presentations, Case reports                        |
| 11. | 24.04.                                | <b>GIT I.</b> Overview of GIT pathology (excl. oral cavity).                                                | Nováková            | 20.04. – 24.04.   | <b>GIT.</b> Oesophagus disorders. Liver dysfunction, icterus. Pancreas pathology.                   | Quiz, presentations, Case reports                        |
| 12. | 30.04.                                | <b>GIT II.</b> Peptic ulcer of stomach and duodenum (basics). Inflammatory bowel disease.                   | Nováková            | 27.04. – 01.05.   | <b>DENT II.</b> Salivary glands disorders. Gums diseases. Lymphadenopathies.                        | Quiz, presentations, Case reports                        |
| 13. | 08.05.                                | <b>Credit test 4</b>                                                                                        | Pallayová           | 04.05. – 08.05.   | <b>Credit test 4</b><br>Osteoporosis and osteomalatia, rheum. arthritis                             | <b>Credit test 4</b>                                     |
| 14. | 15.05.                                | <b>DENT II.</b> – Hard tissues pathology. Sudden emergency in dental medicine                               | Lovásová            | 11.05. – 15.05.   | Evaluation of semester, credits                                                                     |                                                          |

03<sup>rd</sup> April – Good Friday, 01<sup>st</sup> May – Labour Day