

CONTENT OF THE SUBJECT

<b>Subject:</b>	<b>Pathological physiology 2</b>		
<b>Study</b>	<i>Dental Medicine</i>	<b>Study Period:</b>	<i>Summer semester</i>
<b>Evaluation:</b>	<i>Graduated (exam)</i>	<b>Subject Type:</b>	<i>Compulsory</i>
<b>Content:</b>	<i>2 h. lectures and 2 h. practical exercises / week</i>		<i>Total 56 hours</i>

Department: **Department of Pathological Physiology, UPJŠ FM**

<b>Week</b>	<b>Lectures</b> <a href="https://portal.lf.upjs.sk/index-en.php">https://portal.lf.upjs.sk/index-en.php</a>	<b>Seminars</b>
<b>1.</b>	<b>CVS I.</b> Congenital and acquired heart defects. Atherosclerosis	<b>CVS I.</b> Endocarditis, myocarditis, pericarditis. Cardiomyopathies  Semester works review
<b>2.</b>	<b>CVS II.</b> Ischemic heart disease. Acute coronary syndrome. Heart failure	<b>CVS II.</b> Hypertension (application in dental medicine)  Deadline for semester works Knowledge assessment (quiz, oral answer) Student presentations Case studies
<b>3.</b>	<b>RS I.</b> Respiratory disorders pathomechanisms. Respiratory failure (overview, mechanisms)	<b>RS I.</b> Breathing disorders. Sleep apnoea syndrome  Knowledge assessment (quiz, oral answer) Student presentations Case studies
<b>4.</b>	<b>RS II.</b> Obstructive and restrictive disorders, pulmonary hypertension, embolism, paradoxical embolism	<b>RS II.</b> Bronchial asthma, COPD in dental medicine  Knowledge assessment (quiz, oral answer) Student presentations Case studies
<b>5.</b>	<b>DENT I.</b> White and red lesions. Soft tissues disorders	<b>DENT I.</b> Systemic diseases manifestations in oral cavity. Compromised patient  Knowledge assessment (quiz, oral answer) Student presentations Case studies
<b>6.</b>	<b>NS I.</b> Basic motoric disorders pathomechanisms. Upper and lower motor neuron damage	<b>NS I.</b> Bell's palsy and palsy of facial nerve. Cranial nerves disorders  Knowledge assessment (quiz, oral answer) Student presentations Case studies
<b>7.</b>	<b>Credit test 3</b>	<b>Credit test 3</b> Spinal shock and spinal cord disorders

**CONTENT OF THE SUBJECT**

---

<b>8.</b>	<b>NS II.</b> Epilepsy in dental medicine. Neuromuscular disorders. Neurodegenerative disorders	<b>NS II.</b> Overview of cerebrovascular disorders  Knowledge assessment (quiz, oral answer) Student presentations Case studies
<b>9.</b>	<b>ENDO I.</b> Hypothalamus-pituitary disorders. Endocrine regulation overview	<b>ENDO I.</b> Thyroid gland and parathyroid glands disorders  Knowledge assessment (quiz, oral answer) Student presentations Case studies
<b>10.</b>	<b>ENDO II.</b> Pathomechanisms and types of diabetes mellitus (overview)	<b>ENDO II.</b> Acute and chronic diabetes mellitus complications. DM manifestations in oral cavity  Knowledge assessment (quiz, oral answer) Student presentations Case studies
<b>11.</b>	<b>GIT I.</b> Overview of GIT pathology (excl. oral cavity).	<b>GIT.</b> Oesophagus disorders. Liver dysfunction, icterus. Pancreas pathology.  Knowledge assessment (quiz, oral answer) Student presentations Case studies
<b>12.</b>	<b>GIT II.</b> Peptic ulcer of stomach and duodenum (basics). Inflammatory bowel disease.	<b>DENT II.</b> Salivary glands disorders. Gums diseases. Lymphadenopathies.  Knowledge assessment (quiz, oral answer) Student presentations Case studies
<b>13</b>	<b>Credit test 4</b>	<b>Credit test</b> Osteoporosis and osteomalacia, rheum. arthritis
<b>14.</b>	<b>DENT II.</b> Hard tissues pathology. Sudden emergency in dental medicine	<b>Evaluation of semester, credits</b>