

CONTENT OF THE SUBJECT

Subject:	Pathological Physiology 2		
Study	<i>General Medicine</i>	Study Period:	<i>Summer semester</i>
Evaluation:	<i>Graduated (exam)</i>	Subject Type:	<i>Compulsory</i>
Content:	<i>3 h. lectures and 3 h. practical exercises / week</i>		<i>Total 84 hours</i>

Department of Pathological Physiology, UPJŠ FM

Week	Lectures https://portal.lf.upjs.sk/index-en.php	Seminars
1.	CVS I. Congenital heart diseases Congenital and acquired valve defects Heart failure	CVS I. Electrical activity of the heart – action potential, conduction system of the heart Introduction to ECG diagnostics
2.	CVS II. Atherosclerosis Coronary heart diseases – acute and chronic Cardiomyopathy	CVS II. Myocardial infarction, angina pectoris ECG diagnostics of the myocardial infarction
3.	CVS III. Dysrhythmias – etiology, mechanisms, classification Systemic hypertension	CVS III. Dysrhythmias – classification ECG diagnostics
4.	RS I. Pathophysiology of the main clinical manifestations of respiratory diseases Pulmonary hypertension, Pulmonary embolism Respiratory failure	RS I. Disorders of ventilation Sleep apnea Ventilometric parameters - spirometry
5.	RS II. Obstructive and restrictive lung diseases Pulmonary edema	RS I. Manifestation of heart and pulmonary disorders Protocol 3 Heart and lung murmurs
6.	Credit test 3	Credit test 3 Hypotension, collapse, syncope
7.	NS I. Pathophysiology of the main clinical manifestations of motor dysfunction Motor disorders Autonomic nervous system	NS I. Multiple sclerosis Spinal cord disorders
8.	NS II. Neurodegenerative disorders Dementia Cerebrovascular diseases	NS II. Neuromuscular diseases Epilepsy Protocol 4 Audiogenic epilepsy
9.	ENDO I. Mechanisms of hormonal regulation disorders Hypothalamic-pituitary diseases Adrenal diseases	ENDO I. Thyroid disorders
10.	ENDO II. Diabetes mellitus; Complications of DM	ENDO II. Parathyroid diseases Gonadal disorders

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11.	GIT. Pathophysiol. of the main clinical manifestations of GIT diseases Diseases of the stomach, small and large intestines Pancreas diseases	GIT I. Pathophysiology of the oral cavity, esophagus
12.	CT. Pathophysiology of the bones and joints	GIT II. Pathophysiology of the liver and gallbladder
13	<i>Credit test 4</i>	<i>Credit test 4</i> Pathophysiology of the senses – vision, hearing
14.	Reserved topic	Evaluation of semester, credits