

CONTENT OF THE SUBJECT

Subject:	Clinical Pathophysiology		
Study	<i>General Medicine</i>	Study Period:	<i>Summer time</i>
Evaluation:	<i>Graduated</i>	Subject Type:	<i>Optional</i>
Content:	<i>2 h. lectures each even teaching week</i>		<i>Total 14 hours</i>

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

Week	Practicals/seminars http://patfyz.medic.upjs.sk/estudmat.htm
	Disorders of inner milieu 1 Topic: Electrolyte dysbalance
2.	Disorders of inner milieu 2 Topic: Acid-base balance disorders Practical part: Model situations - analysis. Case reports.
	Hematology 1 Topic: Anemia, polyglobulia, thalassemia
4.	Hematology 2 Topic: Leukocyte disorders (leukemia, leukosis), thrombocytopathies Practical part: Laboratory findings and sections in hematology. Case reports.
	Cardiovascular system 1 Topic: Cardial channelopathies, congenital cardiomyopathies
6.	Cardiovascular system 2 Topic: Ischemic heart disease, cardial failure Practical part: Dysrhythmias, ECG diagnostics, monitoring (Holter)
	Respiratory system 1 Topic: Pathogenesis of obstructive disorders, asthma, COPD
8.	Respiratory system 2 Topic: Pulmonary hypertension, restrictive & occupational disorders (fibrosis) Practical part: Evaluations in respirology, spirometry, auscultatory phenomenonons
	Nervous system 1 Topic: Pathogenesis of cerebral ischemia and hypoxia, neurodegenerative disorders
10.	Nervous system 2 Topic: Vegetative disorders, neuropathies Practical part: Evaluations of vegetative nervous system, HRV and HUT examinations

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12.	Endocrine system 1 Topic: Diabetes mellitus, etiopathogenesis, classification
14.	Endocrine system 2 Topic: Chronic complications of DM, diabetic neuropathy and retinopathy Practical part: Evaluation methods in diabetic neuropathy and retinopathy
	Pathophysiology of pregnancy Topic: Early and late gestosis, hypertension in pregnancy, gestational diabetes mellitus
	Nephrology Topic: Renal hypertension, diabetic nephropathy Practical part: Case reports and laboratory diagnostics in gynecology Credits