

Schedule of seminars and practical on pathophysiology
General Medicine study program
3rd year, summer semester, academic year 2021/2022

Week	Date	Content
1.	14.-18.2.2022	Electrophysiology of the heart. Its manifestation on the electrocardiogram, waves, deflections, intervals, segments, the algorithm of evaluation of EKG record – rhythm, rate, electrical axis, - their physiological changes
2.	21.-25.2.2022	Pathogenetic analysis of EKG records with disturbances of impulse formation
3.	28.2.-4.3.2022	Pathogenetic analysis of EKG records with disturbances of impulse conduction
4.	7.3.-11.3.2022	Pathogenetic analysis of EKG records in myocardial infarction and chronic ischemic heart disease
5.	14.3.-18.3.2022	Pathogenetic analysis of EKG records in hypertrophy and dilation of atria and ventricles of the heart and in changes in plasma electrolyte levels; summary of the issue
6.	21.3.-25.3.2022	Pathophysiology of valvular heart diseases, and heart failure
7.	28.3.-1.4.2022	TEST No 1.: Pathophysiology of the cardiovascular system
8.	4.4.-8.4.2022	Lung function tests – parameters of spirographic examination and its interpretation, disturbances of external ventilation. Disturbances of respiratory system defence mechanisms
9.	11.4.-15.4.2022	Hypoxia, disturbances of O ₂ and CO ₂ transporting mechanisms Pathophysiology of respiratory insufficiency
10.	18.4.-22.4.2022	The manifestation of glomerular and tubular disturbances and mechanisms involved in their manifestation. Pathogenesis of nephrotic syndrome
11.	25.4.-29.4.2022	Pathophysiology of acute and chronic renal insufficiency
12.	2.5-6.5.2022	TEST No 2: Pathophysiology of respiratory system and kidneys
13.	9.5.-13.5.2022	Consultations
14.	16.5.-20.5.2022	Compensations

Martin, February 4th, 2022

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