



Department of Human Physiology and Pathophysiology

PATHOPHYSIOLOGY

CLASSES (20 h):

No.	Topic	Tutor	Hours	Literature
1	Pathophysiology of the nervous system.	A. Prowancki, MD	2 h	JLB Chapter 44-46
2	Water–electrolyte and acid–base balance.	N. Kwella, MD, PhD	2 h	JLB Unit 7
3	Pathophysiology of hematopoietic system diseases.	A. Prowancki, MD	2 h	JLB Chapter 11, 13, 14
4	Pathophysiology of cardiovascular system diseases.	A. Prowancki, MD	2 h	JLB Chapter 15, 16, 18, 19
5	Pathophysiology of cardiovascular system diseases – electrocardiography (ECG).	A. Prowancki, MD	2 h	LSL Chapter 4
6	Pathophysiology of respiratory system diseases.	A. Prowancki, MD	2 h	JLB Unit 6
7	Pathophysiology of gastrointestinal system diseases – gastrointestinal tract and pancreas.	A. Prowancki, MD	2 h	JLB Chapter 36-37
8	Pathophysiology of gastrointestinal system diseases – liver.	A. Prowancki, MD	2 h	JLB Chapter 38
9	Pathophysiology of endocrine system diseases	N. Kwella, MD, PhD	2 h	JLB Chapter 40-42
10	Pathophysiology of urinary system diseases	A. Prowancki, MD	2 h	JLB Chapter 27-29

LITERATURE:

JLB – J. L. Banasik, "Pathophysiology", Elsevier, 2022, 7th edition

LSL – L. S. Lilly, „Pathophysiology of Heart Disease: An Introduction to Cardiovascular Medicine”, Wolters Kluwer, 2025, 8th edition

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Coordinator of Pathophysiology Course

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