



MEDICAL UNIVERSITY OF PLOVDIV

Pathophysiology Department

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P L A N

for the practicals of III course medical students
winter semester of 2026/ 2027

TOPIC 1	Introduction in pathophysiology. Disorders of circulation – hyperaemia, ischaemia, thrombosis, embolism, infarction.
TOPIC 2	Disorders of carbohydrate metabolism.
TOPIC 3	Disorders of lipid metabolism.
TOPIC 4	Disorders of protein metabolism.
TOPIC 5	Disorders of water-electrolyte balance.
TOPIC 6	Disorders of mineral metabolism, (Ca & P).
TOPIC 7	Disorders of carbohydrate, lipid, protein, mineral and water-electrolyte metabolism /Colloquium/
TOPIC 8	Disorders in acid-base balance.
TOPIC 9	Hypoxia.
TOPIC 10	Inflammation and fever
TOPIC 11	Neoplasms
TOPIC 12	Disorders in acid-base balance, hypoxia, inflammation, fever and tumors. /Colloquium/
TOPIC 13	Reactivity and resistance. Hypersensitivity reactions and allergies. Immunodeficiency and autoimmune reactions.
TOPIC 14	Discussion of clinical cases.
TOPIC 15	Seminary practical, discussion of test questions, revision of difficult topics.

14. 09. 2026 r.

Prepared by: Dr. Dimov – Educational affairs coordinator
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