

THE PLANNED SCHEDULE OF LECTURE BY PATHOPHYSIOLOGY
5 semester 2022 – 2023 of academic year Specialty 31.05.01 General Medicine

№ п/п	№ themes	Name of lectures	List of educational questions
1. N.G. Radzievskaya 07.09.2022		Introduction. Subject and tasks of pathophysiology. Methods of study.	1. Pathophysiology as a science subject, objectives, methods of study. 2. Pathophysiology as a medical discipline, subject, objective, methods of study. 3. The role of pathophysiology in the general system of training doctors.
2. N.G. Radzievskaya 21.09.2022	1	General theory of the disease. General etiology. General pathogenesis. Concept of the cause of the disease.	1. The concept of "general nosology." 2. General etiology. damaging role of environmental factors in the cause of the disease. Concept of the cause of the disease. 3. General pathogenesis: the initial link, the leading link of the pathogenesis of cause-and-effect relationship, the vicious circle in the pathogenesis of the disease. 4. Stage, the outcomes of the disease. 5. General principles of treatment of the disease.
3. L.D. Erkenova 05.10.2022	3	The studies of the reactivity of the organism and its role in disease.	1. The definition of "reactivity". 2. Species reactivity A.D. Ado. 3. Factors individual reactivity. 4. Mechanisms of individual reactivity
4. L.D. Erkenova 19.10.2022	4	Pathophysiology metabolism.	1. Disorder of water-salt metabolism (dyshydria). 2. Hypohydration, types, etiology and pathogenesis. Correction. 3. Hyperhydration, types, etiology and pathogenesis. Correction. 4. The concept of "swelling". Types, etiology and pathogenesis.
5 N.G. Radzievskaya 02.11.2022	6	Inflammation. Acute inflammation. The etiology and pathogenesis. The biological role of inflammation	1. The definition of "inflammation", the etiology and pathogenesis of acute inflammation. 2. The biological role of inflammation. 3. Principles of therapy.
6. N.G. Radzievskaya 16.11.2022	7	Acute phase response. Fever.	1. The concept of "acute phase response" (APR). 2. Fever as a reaction APR. The causes and pathogenesis. 3. The difference fever from overheating.
7. L.D. Erkenova 30.11.2022	8	The pathophysiology of cancer.	1. The definition of "neoplastic process." 2. The etiology of the tumor process, the types of carcinogens. 3. Stages of carcinogenesis. 4. Types of tumors. Atypia of cancer. 5. Antineoplastic resistance of the body
8. N.G. Radzievskaya 14.12.2022	10	Typical disorder of immunological reactivity. Allergy.	1. The definition of "allergy". 2. Classification of allergic etiology, by pathogenesis. 3. The causes and mechanisms of the stages of different types of allergic reactions. 4. Meaning of allergic reactions. The principles of treatment of allergic diseases.
9. N.G. Radzievskaya 28.12.2022	12	Typical disorder of external breathing. Respiratory failure, its species criteria.	1. The concept of "external respiration". 2. Types of hypoxia in disorders of respiratory (exogenous respiratory hypoxia). The etiology and pathogenesis. 3. Blood gases during hypoxia with respiratory disorders. 4. The concept of "respiratory failure." Types of etiology and pathogenesis. The criteria for individual species respiratory failure.

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Department, Professor



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