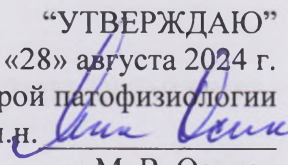


“УТВЕРЖДАЮ”
 «28» августа 2024 г.
 Зав. кафедрой патофизиологии
 проф., д.м.н. 
 М. В. Осиков

**The practical classes calendar plan on Pathophysiology
 for students of the 3rd year (5th semester)
 specialty 31.05.01 Medical business for the 2024/2025 academic year**

№ п/п	Дата	Тема	Часы
1	5.09.2024 6.09.2024	Introduction. The subject and tasks of pathophysiology. Historical stages of pathophysiology development. Modeling of pathological processes.	4 ч.
2	12.09.2024 13.09.2024	General nosology. Etiology, pathogenesis. Classification and characterization of etiological factors of diseases. Disease, definition, the main components of the disease are a pathological reaction, a pathological process, a pathological condition. Stages and outcomes of the disease. The influence of pathogenic environmental factors on the body.	4 ч.
3	19.09.2024 20.09.2024	The organism reactivity and its significance in pathology. Types of reactivity. The constitution of the body.	4 ч.
4	26.09.2024 27.09.2024	The pathophysiology of cell damage. The role of external factors and genetic defects. The main mechanisms of cell damage.	4 ч.
5	03.10.2024 04.10.2024	General nosology (overview lesson).	4 ч.
6	10.10.2024 11.10.2024	Inflammation. Etiology, the main components of the pathogenesis of the inflammatory process. Inflammatory mediators.	4 ч.
7	17.10.2024 18.10.2024	Inflammation. The acute phase response.	4 ч.
8	24.10.2024 25.10.2024	Pathophysiology of the immune system. Allergy. Classification of allergic reactions. The main allergic reactions.	4 ч.
9	31.10.2024 01.11.2024	Fever. Hyperthermia. Hypothermia.	4 ч.
10	07.11.2024 08.11.2024	Hypoxia. Hyperoxia. Practical work.	4 ч.
11	14.11.2024 15.11.2024	Typical pathological processes (overview lesson).	4 ч.
12	21.11.2024 22.11.2024	Pathophysiology of metabolism. Violations of the acid-base balance.	4 ч.
13	28.11.2024 29.11.2024	Pathophysiology of metabolism. Violations of water metabolism. Edema.	4 ч.
14	05.12.2024 06.12.2024	Pathophysiology of metabolism. Disorders of carbohydrate metabolism: hypo- and hyperglycemia. Diabetes mellitus.	4 ч.
15	12.12.2024 13.12.2024	Pathophysiology of tumor growth.	4 ч.
16	19.12.2024 20.12.2024	Pathophysiology of metabolism. Disorders of the metabolism of macro- and microelements. Pathophysiology of the endocrine system. Pathophysiology of the thyroid gland.	4 ч.
17	26.12.2024 27.12.2024	Test control on general pathophysiology. Discussion of the results of independent work.	4 ч.