

Confirmed by the Chair session  
 Protocol No. 1 dated «30» August 2023  
 The Head of the department of healthcare management,  
 pharmacotherapy and clinical pharmacy

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 Professor Andrij ZIMENKOVSKY

**COURSE OUTLINE OF PRACTICE**  
**on discipline «Clinical pharmacy and pharmaceutical care»**  
**for the 5th year students, specialty “226 Pharmacy, Industrial Pharmacy”,**  
**Faculty of Foreign Students**  
**on the autumn semester of the 2023-2024 educational year**

<b>№</b>	<b>Topic of the practices</b>	<b>Hours</b>	<b>1 group</b>
1.	Pharmaceutical care in ischemic heart disease (angina pectoris, acute myocardial infarction). Clinical-and-pharmaceutical approaches to medicines choice.	3	05.09.2023
2.	Clinical-and-pharmaceutical approaches to the treatment of hypertension and dysrhythmias. Principles of pharmaceutical care of patients with cardiovascular disorders.	3	12.09.2023
3.	Clinical-and-pharmaceutical approaches to treating acute and chronic heart failure and atherosclerosis. The role of pharmaceutical care in the rational drug choice and application.	3	19.09.2023
4.	Clinical-and-pharmaceutical approaches to the treatment of blood disorders. Treatment of anemia, thrombosis.	3	26.09.2023
5.	Pharmaceutical care for patients with kidney and genitourinary disorders (urolithiasis, cystitis, urethritis, renal failure). Clinical-and-pharmaceutical approaches to rational pharmacotherapy.	3	03.10.2023
6.	Pharmaceutical care in the pharmacotherapy of excretory system and connective tissue disorders of immune origin (glomerulonephritis, pyelonephritis). Clinical-and-pharmaceutical approaches to rational pharmacotherapy.	3	10.10.2023
7.	Pharmaceutical care in the pharmacotherapy of connective tissue disorders. Clinical-and-pharmaceutical approaches to rational drug choice and application for the treatment of rheumatic fever and its complications.	3	17.10.2023
8.	Clinical-and-pharmaceutical approaches to the treatment of connective tissue disorders (systemic lupus erythematosus, systemic scleroderma).	3	24.10.2023
9.	Clinical-and-pharmaceutical approaches to the treatment of connective tissue and musculoskeletal disorders (gout, osteoarthritis, osteoporosis, rheumatoid polyarthritis).	3	31.10.2023
10.	Clinical-and-pharmaceutical approaches to the treatment of endocrine disorders. Treatment of diseases of the pituitary and adrenal glands. Hypo- and hyperthyroidism treatment.	3	07.11.2023
11.	Clinical-and-pharmaceutical approaches to the treatment of endocrine disorders. Pharmaceutical care for patients with diabetes mellitus type 1 and 2.	3	14.11.2023
12.	Clinical-and-pharmaceutical aspects of hormone replacement therapy. Pharmaceutical care for oral contraceptive medications use.	3	21.11.2023
13.	Pharmaceutical care when treating neurological disorders (ischemic stroke, brain hemorrhage). Clinical-and-pharmaceutical approaches to rational drug choice and application	3	28.11.2023
14.	Pharmaceutical care when treating neurological disorders (epilepsy, parkinsonism, neuritis, multiple sclerosis). Clinical-and-pharmaceutical approaches to rational drug choice and application	3	05.12.2023
15.	Clinical-and-pharmaceutical approaches to the treatment of oncology disorders	3	12.12.2023
	<b>Total</b>	<b>45</b>	

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**QUESTIONS FOR INDEPENDENT STUDY**  
**on discipline «Clinical pharmacy and pharmaceutical care»**  
**for the 5th year students, specialty “226 Pharmacy, Industrial Pharmacy”,**  
**Faculty of Foreign Students**  
**on the autumn semester of the 2023-2024 educational year**

<b>№</b>	<b>Questions</b>	<b>Hours</b>
1.	Pharmaceutical care when treating cardiovascular (ischemic heart disease, arterial hypertension, dysrhythmias, heart failure, atherosclerosis) and blood disorders. General diagnostics and treatment principles.	12
2.	Medications for the treatment of kidney and genitourinary tract disorders. General principles of diagnostics and treatment.	6
3.	Pharmaceutical care in the treatment of diabetes mellitus type 1 and type 2. Contemporary insulins and oral hypoglycemic medications.	3
4.	Pharmaceutical care in the treatment of the thyroid, pituitary, and adrenal gland disorders. Principles of prophylactic and treatment. Contemporary medicines and peculiarities of their use.	4
5.	Pharmaceutical care in hormone therapy of connective tissue, skin, and musculoskeletal system disorders.	9
6.	Pharmaceutical care for the use of oral contraceptives. Hormone replacement therapy.	3
7.	Pharmaceutical care for the use of medicines in neurology.	5
8.	Pharmaceutical care in oncology.	3
	<b>Total</b>	<b>45</b>