

**Pharmacology course**  
**for 3rd year students of general medicine faculty**  
**in the spring semester session 2023-2024**

*List of lectures ( 18 hours)*

*Each lecture – 2 hours.*

<b>No</b>	<b>Date</b>	<b>Topic</b>
1.	2.01	Drugs used to treat congestive heart failure. Cardiac glycosides.
2.	16.01	Antianginal drugs. Antiarrhythmic drugs.
3.	30.01	Antihypertensive drugs. Diuretics.
4.	13.02	Drugs affecting thrombus formation and fibrinolysis.
5.	27.02	Drugs affecting the gastrointestinal tract
6.	12.03	Drugs affecting folate metabolism. Fluoroquinolones.
7.	26.03	Antibiotics – cell wall synthesis inhibitors.
8.	9.04	Antibiotics – protein synthesis inhibitors.
9.	23.04	Antimycobacterial drugs. Antifungal drugs.

**Head**  
**of pharmacology department**  
**Ph.D., M.D.**

**Pinyazhko O.R.**

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*List of practicals (40 hours)*

*Each practical – 2 hours.*

No	Date	Topic
<b>Pharmacology of drugs affecting metabolism, inflammation and immunity</b>		
1.	2.01 – 8.01	Vitamins.
2.	9.01 – 15.01	Hormones, their analogs and antagonists.
3.	16.01 – 22.01	Anti-inflammatory drugs. Antagonists of histamine. Immunosuppressant drugs.
4	23.01 – 29.01	Pharmacological regulation of metabolism, inflammation and immunity
<b>Pharmacology of drugs affecting major organ systems</b>		
5.	30.01 – 5.02	Drugs used to treat congestive heart failure. Cardiac glycosides. Antiarrhythmic drugs.
6.	6.02 – 12.02	Antianginal drugs. Lipid-lowering drugs.
7.	13.02 – 19.02	Antihypertensive drugs.
8.	20.02 – 26.02	Diuretics. Drugs affecting the uterus.
9.	27.02 – 4.03	Drugs affecting hemopoietic system. Drugs affecting thrombus formation and fibrinolysis
10.	5.03 – 11.03	Drugs affecting the gastrointestinal tract.
11.	12.03 – 18.03	Drugs affecting the respiratory system.
12.	19.03 – 25.03	Pharmacological regulation of major organs and systems function
<b>Pharmacology of chemotherapeutic agents</b>		
13.	26.04 – 1.04	Basic principles of chemotherapy. Drugs affecting folate metabolism. Fluoroquinolones
14.	2.04 – 8.04	Antibiotics – cell wall synthesis inhibitors.
15.	9.04 – 15.04	Antibiotics – protein synthesis inhibitors.
16.	16.04 – 22.05	Antimycobacterial drugs. Antifungal drugs.
17.	23.04 – 29.04	Antiprotozoal drugs. Anthelmintic drugs.
18.	30.04 – 6.05	Antiviral drugs. Anticancer drugs.
19.	7.05 – 13.05	Pharmacology of chemotherapeutic agents'
20.	14.05 – 20.05	Drug poisoning. General principles of treatment.

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*List of questions for self-study (56 hours)*

No	Topic	Hours
	Preparing for practicals	30
	Self-study of topics which are not included into practicals and lectures	20
<b>Pharmacology of drugs affecting metabolism, inflammation and immunity</b>		
1.	Retinoids and their clinical use	1
2.	Microelements, their biological role and clinical use	1
3.	Anabolic steroids .Hormonal contraceptives.	1
4.		1
5.		1
6.		1
7.		1
8.		1
9.		1
<b>Pharmacology of drugs affecting major organ systems</b>		
10.	Hypertensive agents	1
11.	Non-glycoside cardiotonic drugs	1
12.		1
13.		1
14.		1
15.		1
<b>Pharmacology of chemotherapeutic agents</b>		
16.	Basic principles of antimicrobial therapy and prophylaxis	1
17.	Resistance to antibiotics: biochemical mechanisms, transfer.	1
18.	Antimicrobial drug combinations.	1
19.	Principles of antimalarial chemotherapy and chemoprophylaxis. Drugs used to treat toxoplasmosis, chlamydia, leishmaniasis	1
20.	Radioprotective agents	1
	Preparing for exam	6

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