

APPROVED  
 Head. Department of general and Clinical  
 Pharmacology and Pharmacognosy  
 Professor

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« 30 » 08 2024 st. y.

**SELF-PREPARATION LESSONS**  
 for third year students  
 of pharmaceutical faculty 2024-2025 st. year

№	Topic	Hrs
1.	Pharmacology. History of development. The influence of famous scientists on the development of pharmacological science.	4
2.	The principle of finding, creating and developing new medicines.	2
3.	State policy of Ukraine in the sphere of development, production, quality control and sale of medicines. Rules of medicines release in drugstores. Rules for dispensing medicines in pharmacies. Procedure for storing prescription forms	2
4.	A drugstore, its structure and function. Drugstores' development. Legal regulations regulating activities of pharmaceutical institutions. The State Pharmacopoeia. The Ukrainian register of drugs.	2
5.	Prevention of adverse effects of anticholinesterase drugs.	2
6.	Features of the use of beta-blockers.	2
7.	Dopamineotropic and serotoninotropic drugs. Histaminotropic and GABA-ergic agents.	2
8.	Peculiarities of the use of hypnotics.	4
9.	Medicinal and chemical substances that cause abuse, drug addiction. Medical and social aspects and methods of pharmacotherapy	4
10.	Hypotensive and diuretic agents. Principles of use, combination and pharmacosafety.	4
11.	Cerebrovascular agents.	4
12.	Pharmacology of hyperlipidemia. Interaction and rational combining of hypolipidemic agents.	4
13.	Medicinal agents used for circulatory disorders in the extremities.	2
14.	Medicines for treatment of obesity.	2
15.	Stimulators of metabolic processes. Biogenic stimulants and other biogenic drugs.	3
16.	Modern problems of treatment of diabetes mellitus. Insulin. Synthetic anti-diabetic preparations. Undesirable effects.	4
17.	Acids, bases. Agents of alkali metals. Glucose. Oxygen.	4
18.	Modern data about pharmacotherapy of peptic ulcer of stomach and duodenum. Gastroprotectors. Hepatoprotectors.	2
19.	Hepatoprotectors. Gastroprotectors.	2
20.	The preparations used in perinatal and pediatric practice. Characteristics. Application of the drugs by pregnant women and feeding mothers. Gerontological pharmacology	4
21.	Principles of treatment of osteoporosis and osteochondrosis. Uricosuric agents.	4

22.	Contraceptives. Basic principles of contraceptives prescription. Adverse effects.	4
23.	The preparations used in ophthalmology. Medicinal forms in ophthalmology.	2
24.	Immunostimulators. Basic mechanisms of action. Peculiarities of usage.	4
25.	Antibiotics. Modern problems of usage and principles of combination.	4
26.	Principles of rational use of antimicrobial agents.	2
27.	Insecticides, acaricides, anti-pediculosis drugs, fumigants, repellents and deratisation agents.	2
28.	Complex treatment of viral diseases and its features.	3
29.	Features of use and pharmacosafety of antituberculosis, antiprotozoal and antihelminthic agents.	4
30.	Medical preparatios in dermatology. Dermatoprotectors. Preparations for cleaning and healing of wounds.	2
<b>OVERALL</b>		<b>90</b>

Head of studies, associated Professor

K.V.Lobashova

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