

APPROVED

Head. Department of general and Clinical
Pharmacology and Pharmacognosy
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« 30 » 08 2024 st. y.

SCHEDULE OF PRACTICAL CLASSES
on pharmacology for third year students
of pharmaceutical faculty 2024-2025 st. year

№ n/n	Topic	hrs
1.	Introduction into prescription. Solid medicinal forms: oral powders, tablets, dragee, capsules, and powders for external use.	2
2.	Soft medicinal forms: suppositories, patches, ointments, pastes, and liniments.	2
3.	Liquid medicinal forms: infusions, decoctions, mixtures, tinctures, liquid extracts, syrups, mucus, and drops for oral usage.	2
4.	Liquid medicinal forms: for injections, solutions, suspensions, emulsion, aerosol for inhalation and for external use.	2
5.	Checking of practical skills on “Medical prescription”.	2
6.	General pharmacology. Pharmacokinetics.	2
7.	Pharmacokinetics (continuation).	2
8.	General pharmacology. Pharmacodynamics.	2
9.	Pharmacodynamics (continuation).	2
10.	Cholinomimetics.	2
11.	Cholinoblockers.	2
12.	Adrenomimetics.	2
13.	Adrenonegative preparations. Sympatholytics.	2
14.	Preparations irritating the peripheral receptors of skin and mucous membranes.	2
15.	Preparations protecting the receptors of skin and mucous membranes.	2
16.	Checking of practical skills on “Agents influencing on afferent and efferent innervations”.	2
17.	General anesthetics. Alcohols.	2
18.	Hypnotic and anticonvulsants.	2
19.	Non-steroidal anti-inflammatory agents. Antipyretics. Non-narcotical analgesics.	2
20.	Psychotropic agents. Psychodysleptics. Narcotic (opioid) analgesics.	2
21.	Neuroleptics. Tranquilisers. Psychosedative preparations.	2
22.	Antidepressants. Normothymics. Psychostimulators. Actoprotectors.	2
23.	Nootrops. Adaptogens. Analeptics. Preparations causing abuse.	2
24.	Checking of practical skills on “Drugs acting on the function of CNS”.	2
25.	Cardiotonic agents. Cardiac glycosides. Non-glycosides cardiotonics. Cardiotstimulators.	2

26.	Antiarrhythmic drugs.	2
27.	Antianginal drugs.	2
28.	Antianginal drugs (continuation).	2
29.	Diuretic drugs. Complex therapy of chronic heart failure.	2
30.	Drugs acting on blood pressure. Hypotensive and hypertensive preparations.	2
31.	Angioprotectors. Hypolipidemic agents. Agents that influence on cerebral and peripheral bloodflow.	2
32.	Checking of practical skills on “Drugs acting on function of cardiovascular system”.	2
33.	Hormonal preparations of polypeptide structure, their synthetic analogs and antagonists.	2
34.	Hormonal preparations of steroid structure and their synthetic substitutes. Mineralocorticoids and glucocorticoids. Peculiarities of usage.	2
35.	Hormonal preparations of steroid structure. Preparations of male and female sexual hormones. Contraceptives.	2
36.	Pharmacology of water- and lipid-soluble vitamins. Enzyme and anti-enzyme preparations. Aminoacids derivatives.	2
37.	Drugs acting of calcium-phosphorus balance.	2
38.	Preparations affecting erythropoiesis. Blood substitutes. Acids and alkalines.	2
39.	Preparations affecting leucopoiesis and blood coagulation. Anti-cancer agents and radioprotectors.	2
40.	Antiallergic and immunotropic preparations.	2
41.	Checking of practical skills on “Drugs acting on metabolism, blood and immunity”.	2
42.	Disinfectants and antiseptics.	2
43.	Antibiotics. Classification. Mechanism of action. Uses.	2
44.	Chemotherapeutic agents. Antibiotics. Principles of antibiotic therapy. Classification. Mechanism of action.	2
45.	Adverse effects of antibiotics.	2
46.	Sulfanilamide preparations.	2
47.	Antimicrobial preparation of a different chemical structure.	2
48.	Antituberculosal and antispirochetal preparations. Antiprotozoal preparations.	2
49.	Antihelminthal and antifungal preparations.	2
50.	Antiviral preparations.	2
51.	Checking of practical skills on “Antimicrobial, antiviral, and anti-parasitic agents”.	2
52.	Agents acting on gastrointestinal tract.	2
53.	Agents acting on gastrointestinal tract (continuation).	2
54.	Agents acting on respiratory tract.	2
55.	Agents acting on myometrium. Contraceptives.	2
56.	Pharmacotherapy of acute poisoning.	2
57.	Pharmacotherapy of emergency states.	2
58.	Pharmacotoxicodynamics.	2
59.	Pediatric pharmacology and pharmacology of aged patients. Pharmacotherapy during breast-feeding.	2

60.	The role of the pharmacist in the prevention of negative consequences of using drugs. Test control.	2
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Total 120 hrs

Head of studies, associated Professor

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K.G.Lobashova