



THE COURSE SCHEDULE OF LECTURES

of **Pharmacology** for **3rd** year

of speciality **226 Pharmacy**, educational program **Pharmacy for foreign students**,

Language— English, **ФМ18 (5.0д)АНГЛ-01-10**

(spring semester, 2020-2021, module 2)

№	Date	Topic	Hour	Lecturer
MODULE 2				
1.	19.01.21	Antianginal drugs.	1	Ass. prof. K.O.Zupanets ZOOM 983 707 7576 password 879247
2.	26.01.21	Anti-arrhythmic drugs. Cardiotonic agents.	1	Ass. prof. I.A.Otrishko ZOOM 263 002 1288 password 4321
3.	02.02.21	Drugs that affect blood coagulative system	1	Ass. prof. K.O.Zupanets ZOOM 983 707 7576 password 879247
4.	09.02.21	Antiatherosclerosis drugs. The pharmacological characteristics of cerebral blood flow disorders correctors.	1	Ass. prof. I.A.Otrishko ZOOM 263 002 1288 password 4321
5.	16.02.21	Diuretics. Antigouts.	1	Ass. prof. K.O.Zupanets ZOOM 983 707 7576 password 879247
6.	23.02.21	Drugs that affect the functions of the respiratory system.	1	Ass. prof. I.A.Otrishko ZOOM 263 002 1288 password 4321
7.	02.03.21	Antibiotics: penicillins, cephalosporins, monobactams, carbapenems, macrolides, tetracyclines	1	Ass. prof. K.O.Zupanets ZOOM 983 707 7576 password 879247
8.	09.03.21	Synthetic antibacterial drugs. Sulfonamides.	1	Ass. prof. I.A.Otrishko ZOOM 263 002 1288 password 4321
9.	16.03.21	Fluoroquinolones. Antituberculosis medicines	1	Ass. prof. K.O.Zupanets ZOOM 983 707 7576 password 879247
10.	23.03.21	Antibiotics of different groups: polymyxins, aminoglycosides, glycopeptides, lincosamides, chloramphenicols, rifampycins etc	1	Ass. prof. I.A.Otrishko ZOOM 263 002 1288 password 4321
11.	30.03.21	Antiviral, antifungal and antihelminthic drugs	1	Ass. prof. K.O.Zupanets ZOOM 983 707 7576 password 879247
12.	06.04.21	Drugs with activity of adrenal gland hormones and gonads.	1	Ass. prof. I.A.Otrishko ZOOM 263 002 1288 password 4321
13.	13.04.21	Anabolic steroids	1	Ass. prof. K.O.Zupanets ZOOM 983 707 7576 password 879247
14.	20.04.21	Drugs with activity of hormones of the hypothalamus, pituitary, epiphysis, thyroid, parathyroid gland, drugs that affect the myometrium.	1	Ass. prof. I.A.Otrishko ZOOM 263 002 1288 password 4321
15.	27.04.21	Insulins. Synthetic hypoglycemic drugs	1	Ass. prof. K.O.Zupanets ZOOM 983 707 7576 password 879247
16.	04.05.21	Pharmacology of iron medicines. Correctors of leucopoiesis. Correctors of cellular and tissue metabolism: vitamin and vitamin-like medicines; antihypoxants and antioxidants	1	Ass. prof. I.A.Otrishko ZOOM 263 002 1288 password 4321
Total:			16	

Note: the lecture is delivered on at 09.25-10.10 online

Head of Department of Clinical Pharmacology
and Clinical Pharmacy, Professor

Tetiana SAKHAROVA



THE COURSE SCHEDULE OF PRACTICAL CLASSES

of Pharmacology for 3rd year

of speciality **226 Pharmacy**, educational program **Pharmacy for foreign students**,

Language— English, **ФМ18 (5.0Д)АНГЛ-01-10**

(autumn semester, 2020-2021, module 1)

№	Date	Topic	Hours, type of classes	Points	
				min	max
MODULE 2. THEMATIC SUBMODULE 4. Drugs that affect the functions of the executive organs.					
1.	18-22/01/2021	Antihypertensive and hypotensive drugs	4, Pr.Cl.	1	2
2.	25-29/01/2021	Antianginal drugs.	4, Pr.Cl.	1	2
3.	01-05/02/2021	Anti-arrhythmic drugs. Cardiotonic agents.	4, Pr.Cl.	1	2
4.	08-12/02/2021	Drugs that affect blood coagulative system	4, Pr.Cl.	1	2
5.	15-19/02/2021	Antiatherosclerosis drugs. The pharmacological characteristics of cerebral blood flow disorders correctors.	4, Pr.Cl.	1	2
6.	22-26/02/2021	Diuretics. Antigouts.	4, Pr.Cl.	1	2
7.	01-05/03/2021	Drugs that affect the functions of the respiratory system. Control of submodule 4.	4, Pr.Cl.	1	2
				5	6
Total for Thematic submodule 4:				12	20
THEMATIC SUBMODULE 5. Chemotherapeutic drugs.					
8.	08-12/03/2021	Antibiotics: penicillins, cephalosporins, monobactams, carbapenems, macrolides, tetracyclines	4, Pr.Cl.	1,5	2,7
9.	15-19/03/2021	Synthetic antibacterial drugs. Sulfonamides.	4, Pr.Cl.	1,5	2,7
10.	22-26/03/2021	Fluoroquinolones. Antituberculosis medicines	4, Pr.Cl.	1,5	2,7
11.	29-02/04/2021	Antibiotics of different groups: polymyxins, aminoglycosides, glycopeptides, lincosamides, chloramphenicols, rifampycins etc	4, Pr.Cl.	1,5	2,7
12.	05-09/04/2021	Antiviral, antifungal and antihelminthic drugs Control of submodule 5.	4, Pr.Cl.	1,5	2,7
				4,5	6,5
Total for Thematic submodule 5:				12	20
THEMATIC SUBMODULE 6. Drugs that affect the functions of the metabolism, blood and immune system					
13.	12-16/04/2021	Drugs with activity of adrenal gland hormones and gonads.	4, Pr.Cl.	1,6	2,8
14.	19-23/04/2021	Anabolic steroids	4, Pr.Cl.	1,6	2,8
15.	26-30/04/2021	Drugs with activity of hormones of the hypothalamus, pituitary, epiphysis, thyroid, parathyroid gland, drugs that affect the myometrium.	4, Pr.Cl.	1,6	2,8
16.	03-07/05/2021	Insulins. Synthetic hypoglycemic drugs	4, Pr.Cl.	1,6	2,8
17.	10-14/05/2021	Pharmacology of iron medicines. Correctors of leucopoiesis. Correctors of cellular and tissue metabolism: vitamin and vitamin-like medicines; antihypoxants and antioxidants Control of submodule 6.	4, Pr.Cl.	1,6	2,8
				4	6
Total for Thematic submodule 6:				12	20
18.	17-21/05/21	Final module control 2 Upgrade of Module 2	4, Pr.Cl.	24	40
TOTAL FOR MODULE 2			54	60	100

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and Clinical Pharmacy, Professor

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THE TOPICS OF SELF-DIRECTED LEARNING

of Pharmacology for 3rd year

of speciality **226 Pharmacy**, educational program **Pharmacy for foreign students**,

Language— English, **ФМ18 (5.0д)англ-01-10**

(autumn semester, 2020-2021, module 1)

№	Topic
1.	Features of sustainable use of plant origin expectorants.
2.	To prepare essay on the topic « Classification and pharmacological characteristics of drugs that stimulate surfactant synthesis and exogenous pulmonary surfactant ».
3.	To describe medicines containing natural substances which are used for the brain blood circulation disorders.
4.	To prepare essay « Pharmacological characteristics of nonglycoside cardiotonics ».
5.	To prepare essay «The logical connection between the side effects of organic nitrates and contraindications».
6.	To prepare essay « Selective inhibitors of f-channels of sinus node ».
7.	To prepare essay « Terms of rational use of anti-atherosclerotics in case of long-term use ».
8.	To inquire classification and pharmacological characteristics of drugs that affect metabolism.
9.	To describe Sympatholytics and their mechanism of action, pharmacodynamics.
10.	To analyze the drugs used in case of hypertensive crisis
11.	Specify anti-enzyme medicines. Inhibitors of proteolysis
12.	To prepare essay on the topic « Actoprotectors. Adaptogens ».



QUESTIONS FOR FINAL MODULE CONTROL

of Pharmacology for 3rd year

of speciality **226 Pharmacy**, educational program **Pharmacy for foreign students**,

Language— English, **ФМ18 (5.0д)англ-01-10**

(spring semester, 2021-2021, module 2)

1.	Antianginal drugs.
2.	Anti-arrhythmic drugs. Cardiotoxic agents.
3.	Drugs that affect blood coagulative system
4.	Antiatherosclerosis drugs.
5.	The pharmacological characteristics of cerebral blood flow disorders correctors.
6.	Diuretics. Antigouts.
7.	Drugs that affect the functions of the respiratory system.
8.	Antibiotics: penicillins, cephalosporins, monobactams, carbapenems, macrolides, tetracyclines
9.	Synthetic antibacterial drugs. Sulfonamides. Fluoroquinolones. Antituberculosis medicines (Part 1)
10.	Synthetic antibacterial drugs. Sulfonamides. Fluoroquinolones. Antituberculosis medicines (Part 2)
11.	Antibiotics of different groups: polymyxins, aminoglycosides, glycopeptides, lincosamides, chloramphenicols, rifampycins etc
12.	Antiviral, antifungal and antihelminthic drugs
13.	Drugs with activity of adrenal gland hormones and gonads.
14.	Anabolic steroids
15.	Drugs with activity of hormones of the hypothalamus, pituitary, epiphysis, thyroid, parathyroid gland, drugs that affect the myometrium.
16.	Insulins. Synthetic hypoglycemic drugs
17.	Pharmacology of iron medicines. Correctors of leucopoiesis. Correctors of cellular and tissue metabolism: vitamin and vitamin-like medicines; antihypoxants and antioxidants

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THE LEARNING SUCCESS ASSESSMENT SYSTEM IN PRACTICAL CLASSES

of **Pharmacology** for 3rd year
of speciality **226 Pharmacy**, educational program **Pharmacy for foreign students**,
Language— English, **ФМ18 (5.0)АНГЛ-01-10**
(autumn semester, 2021-2021, module 1)

Credit – 4

Total hours – 120

Lectures – 16

Practical classes – 541

Self-directed learning – 53

National	ECTS	Grade	Credit		Inter–mediate module 20 points	Current control 60 points	Final module control 40 points
5	A — excellent	90-100	credit		18-20	54-60	36-40
4	B — very good	82-89	credit		16.4-17.9	49.2-53.9	32.8-35.9
4-	C — good	74-81	credit		14.8-16.3	44.4-49.1	29.6-32.7
3	D — satisfactory	64-73	credit		12.8-14.7	38.4-44.3	25.6-29.5
3-	E — enough (satisfies the minimum criteria)	60-63	credit		12.0-12.7	36-38.3	24-25.1
2	F – unsatisfactory (with possibility of repeated pass)	35-59	no credit		7.0-11.9	21-35.9	14-23.9
no admission	FX — unsatisfactory with an obligatory repeated course (additional work is necessary)	1-34	—		0-6.9	0-20.9	0-13.9

Criteria of study activity assessment on practical classes

Scale	Criteria
«5» excellent 90-100%	<ul style="list-style-type: none"> • Tasks for self-study for the lesson are done full and correctly • Answers to theoretical questions on the topic of the lesson are given correctly and clearly • Practical tasks during the in-class work were carried out full and correctly • Final test has done in within 90-100%.
«4» very good 82-89%	<ul style="list-style-type: none"> • Tasks for self-study for the lesson are done full and correctly • Answers to theoretical questions on the topic of the lesson are given full with negligible error • Practical tasks during the in-class work were carried out with negligible error • Final test has done in within 82-89%.
«4-» good 74-81%	<ul style="list-style-type: none"> • Tasks for self-study for the lesson are done with negligible error • Answers to theoretical questions on the topic of the lesson are given incomplete with error • Practical tasks during the in-class work were carried out with negligible deviation • Final test has done in within 74-81%.
«3» satisfactory 64-73%	<ul style="list-style-type: none"> • Tasks for self-study for the lesson are done with significant error • Answers to theoretical questions on the topic of the lesson are given incomplete or with significant error • Practical tasks during the in-class work were carried out with significant deviation • Final test has done in within 64-73%.
«3-» enough 60-63%	<ul style="list-style-type: none"> • Tasks for self-study for the lesson are done partly with significant error • Answers to theoretical questions on the topic of the lesson are given incomplete with significant error • Practical tasks during the in-class work were carried out partly with significant deviation • Final test has done in within 60-63%.
«2» unsatisfactory 0-59%	<ul style="list-style-type: none"> • Tasks for self-study for the lesson aren't done or are done incorrectly • Answers to theoretical questions on the topic of the lesson weren't given • Practical tasks during the in-class work weren't carried out • Final test has done in within 0-59%