



THE COURSE SCHEDULE OF LECTURES
of Clinical Pharmacy and Pharmaceutical Care for 5th year of speciality
226 Pharmacy, industrial pharmacy, educational program Pharmacy,
 4 years 10 months of study, Language of Instruction — English,
 groups **ΦМ19*(5,0д)англ-01,-02**
(spring semester, 2022-2023, module 2)

| № | Date | Topic | Hour | Lecturer |
|-----------------|----------|--|----------|-------------|
| MODULE 2 | | | | |
| 1. | 20/02/23 | Introduction to pharmaceutical care. Basic definitions of pharmaceutical care. Pharmaceutical care in symptomatic treatment of indigestion | 2 | T.S. Zhulay |
| 2. | 06/03/23 | Pharmaceutical care in symptomatic treatment of cold (sore throat, cough, rhinitis, fever) | 2 | T.S. Zhulay |
| Total: | | | 4 | |

Note: the lecture is delivered on Monday at 10.25-12.05 as online ZOOM conference
clinpharm.nuph.edu.ua/en/for-students



TOPICS FOR SELF-DIRECTED LEARNING
of Clinical Pharmacy and Pharmaceutical Care for 5th year of speciality
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| № | TOPIC |
|-----------------|---|
| MODULE 2 | |
| 1. | Practical functions of a pharmacist that are necessary for care realization (procedure of drug anamnesis gathering, working out the plan of monitoring of adverse drug reactions, preventive actions in possible manifestations of adverse drug reactions, etc.). |
| 2. | Modern dosage forms for treatment of indigestion and peculiarities of their use. Non-medicament methods of elimination of symptoms of indigestion |
| 3. | Modern dosage forms for treatment of cold and peculiarities of their use. Non-medicament methods of elimination of symptoms of cold |
| 4. | Modern dosage forms for treatment of dysfunction of the musculoskeletal system (creams, gels) and peculiarities of their use. Non-medicament methods of elimination of muscle and joint pain |
| 5. | Modern dosage forms for treatment of headache (quick-soluble tablets, capsules of the prolonged action, etc.) and peculiarities of their use. Non-medicament methods of elimination of the headache |

Acting Head of Department of Clinical Pharmacology
 and Clinical Pharmacy, Professor

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THE COURSE SCHEDULE OF PRACTICAL CLASSES
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 groups **Фм19*(5,0д)англ-01,-02**
(spring semester, 2022-2023, module 2)

| № | Date | Topic | Hours, type of classes | Points | |
|---|--------------------------------|--|------------------------------|--------|-----|
| | | | | min | max |
| Thematic module 3. Pharmaceutical care during OTC drugs dispensing for symptomatic treatment of different disorders of well-being I | | | | | |
| 1. | 13/02/23 - 02 16/02/23 - 01 | Introduction to pharmaceutical care | 3, Pr.Cl. | - | - |
| 2. | 20/02/23 - 02 23/02/23 - 01 | Pharmaceutical care in symptomatic treatment of digestive disturbances (heartburn) | 3, Pr.Cl. | 3 | 5 |
| 3. | 27/02/23 - 02 02/03/23 - 01 | Pharmaceutical care in symptomatic treatment of digestive disturbances (constipation, diarrhea, flatulence, bacteria overgrowth) | 3, Pr.Cl. | 6 | 10 |
| 4. | 06/02/23 - 02 09/03/23 - 01 | Pharmaceutical care in symptomatic treatment of colds (sore throat, cough) | 3, Pr.Cl. | 3 | 5 |
| 5. | 13/03/23 - 02 16/03/23 - 01 | Pharmaceutical care in symptomatic treatment of colds (rhinitis, fever) | 3, Pr.Cl. | 3 | 5 |
| 6. | 20/03/23 - 02 23/03/23 - 01 | Pharmaceutical care in cold prevention. Flu, COVID-19 and vaccination. The latest protocols for COVID-19 prophylaxis and treatment | 3, Pr.Cl. | 3 | 5 |
| 7. | 27/03/23 - 02 30/03/23 - 01 | Pharmaceutical care in symptomatic treatment of joint and muscle pain | 3, Pr.Cl. | 3 | 5 |
| 8. | 03/04/23 - 02 06/03/23 - 01 | Complex drugs for symptomatic treatment of joint and muscle pain | 3, Pr.Cl. | 6 | 10 |
| 9. | 10/04/23 - 02 13/03/23 - 01 | Pharmaceutical care in symptomatic treatment of headache pain | 3, Pr.Cl. | 3 | 5 |
| 10. | 17/04/23 - 02 20/04/23 - 01 | Complex drugs for symptomatic treatment of headache pain | 3, Pr.Cl. | 6 | 10 |
| 11. | 24/04/23 - 02 27/04/23 - 01 | Control of Thematic module 3 | 2, Pr.Cl. | 24 | 40 |
| | | Total for Thematic module 3: | | 30 | 50 |
| | | Module 2 Ranking Upgrade | | | |
| | | Credit | | | |
| TOTAL FOR MODULE 2 | | | 32 | 60 | 100 |

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THE QUESTIONS FOR THEMATIC MODULE CONTROLS #3 AND #4
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1. Pharmaceutical care as the responsibility of a pharmacist for safety and efficiency of medicinal therapy.
2. The concept of definition, main principles of the modern concept of self-treatment.
3. Prescription and OTC medicines. Criteria on the basis of which drugs are classified as prescription or OTC ones.
4. Practical functions of a pharmacist required for carrying out pharmaceutical care.
5. Pharmaceutical care in symptomatic treatment of heartburn. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.
6. Pharmaceutical care in symptomatic treatment of constipation. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.
7. Pharmaceutical care in symptomatic treatment of diarrhea. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.
8. Pharmaceutical care in symptomatic treatment of flatulence. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.
9. Pharmaceutical care in symptomatic treatment of dysbacteriosis. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.
10. Pharmaceutical care in symptomatic treatment of cough. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.
11. Pharmaceutical care in symptomatic treatment and prevention of rhinitis. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.
12. Pharmaceutical care in symptomatic treatment of a sore throat. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.
13. Pharmaceutical care in symptomatic treatment of fever. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.
14. Pharmaceutical care in choosing OTC drugs for prophylaxis of colds.
15. Pharmaceutical care in symptomatic treatment of joint pain. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.
16. Pharmaceutical care in symptomatic treatment of muscle pain. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.
17. Pharmaceutical care in symptomatic treatment of headache. The algorithm of choosing optimal OTC drugs, dosage form and the routes of administration.

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**THE LEARNING SUCCESS ASSESSMENT SYSTEM
IN PRACTICAL CLASSES**
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| | | |
|-------------------------|------------------------------------|---|
| MODULE 2 | <i>Practical classes – 32</i> | <i>Control of Module #2 – Credit</i> |
| Total hours – 60 | <i>Self-directed learning – 24</i> | |
| Lectures – 4 | | |

| Na-tional | ECTS | Grade | Credit | 3.0-5.0 | 6.0-10 | Current control 60 points | Module control 40 points |
|--------------|---|--------|-----------|---------|---------|---------------------------|--------------------------|
| 5 | A — excellent | 90-100 | credit | 4.5-5 | 9-10 | 54-60 | 36-40 |
| 4 | B — very good | 82-89 | credit | 4.1-4.4 | 8.5 | 49.5-53.5 | 33-35.5 |
| 4- | C — good | 74-81 | credit | 3.7-4 | 7.5-8 | 44.5-49 | 30-32.5 |
| 3 | D — satisfactory | 64-73 | credit | 3.2-3.6 | 6.5-7 | 38.5-44 | 25-29.5 |
| 3- | E — enough (satisfies the minimum criteria) | 60-63 | credit | 3-3.1 | 6 | 36-38 | 24-24.5 |
| 2 | F – unsatisfactory (with possibility of repeated pass) | 35-59 | no credit | 1.8-2.9 | 3.5-5.5 | 21-35.5 | 14-23.5 |
| no admission | FX — unsatisfactory with an obligatory repeated course (additional work is necessary) | 1-34 | — | 0-1.7 | 0-3 | 0-20.5 | 0-13.5 |

CRITERIA OF STUDY ACTIVITY ASSESSMENT IN 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» satisfac-tory 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» unsatisfac-tory 0-59% | <ul style="list-style-type: none"> • Tasks for self-study for the lesson aren't done or are done incorrect • Answers to theoretical questions on the topic of the lesson aren't given • Practical tasks during the in-class work weren't carried out are done incorrect • Final test has done in within 0-59% |