

**Odessa National Medical University**  
**Foreign Faculty**  
**Department of General Practice**  
**Syllabus course**  
**General practice family medicine**

<b>Volume</b>	3 credits, 90 hours
<b>Semester, year of study</b>	XI-XII semesters, 6th year
<b>Days, time, place</b>	5 days, from 8:30 to 13:20
<b>Teacher (i)</b>	Voloshyna Olena Borisivna D.M., Prof. Lysyi Ihor Stanislavovych PhD, Associate Professor Bugeruk Viktoriia Viktorivna PhD, Associate Professor Kovalchuk Larysa Ivanivna PhD, Associate Professor Naydyonova Elena Viktorivna PhD, Associate Professor Balashova Iryna Vitaliivna PhD, Associate Professor Zbitheva Viktoriia Olehivna PhD, Assistant Professor
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### COMMUNICATION

Communication is possible during consultations on a full-time basis, or remotely (online) using E-mail. In this case, you must specify your last name, first name, course, faculty and course name. Solving "work issues" is possible by the specified phone number.

### COURSE ABSTRACT

**The subject of the discipline** is a set of scientific and practical measures for the organization of general medical practice.

**Prerequisites:** **medical** and biological physics, morphological and disciplines, microbiology, virology and immunology, physiology, pathophysiology, internal diseases and, surgery, neurology, dermatology, epidemiology, ophthalmology, otolaryngology, endocrinology, clinical a pharmacology, resuscitation.

**The purpose of the course** is to teach students **about:**

-For the safety of organization and participation in the activities of medical and sanitary care for families.

- Sanitary and hygienic training and the formation of a healthy lifestyle in families.
- Provision of preventive, diagnostic and rehabilitation care (in accordance with the established guaranteed minimum).
- Organization of consultative, specialized and highly specialized medical care.
- Emergency care and control over the provision of emergency medical care.
- Dispensary of families (of all ages, with different states of physical and mental health) with the teaching room of the necessary specialists.
- Organization of patronage for children and pregnant women, care for the elderly, seriously ill and certain contingents of the population (disabled, war veterans, repressed).
- Examination of performance.
- Provision of palliative care incurable patients.
- Introduction of new forms and methods of organization of medical and sanitary provision, modern technologies of diagnostics: treatment, prevention and rehabilitation.

The main duty of the family doctor is to provide primary health care to the population in accordance with the requirements of the qualification characteristics and the certificate received.

**Course objectives:** Student should be able to carry out specialized activities:

- carrying out sanitary and educational work on the education of the population, promoting a healthy lifestyle, preventing the development of diseases;
- implementation of preventive work aimed at identifying early and hidden forms of the disease and risk factors; -
- dynamic monitoring of the health of the members of each family of the assigned region with the necessary examination and rehabilitation according to an individual complex of medical and recreational activities;
- provision of emergency medical care for patients and victims in emergency conditions;
- timely consultation and hospitalization of planned and urgent patients in accordance with the established procedure;
- carrying out medical and rehabilitation measures in a volume that meets the requirements of the qualification characteristics;
- examination of temporary disability of patients in accordance with the instructions "On the procedure for issuing disability leaves" and the implementation of timely diagnosis, early detection and treatment of infectious diseases, providing an emergency message to the sanitary-epidemiological station;
- carrying out preventive vaccinations and monitoring of contact persons in case of infectious disease;

## **COURSE DESCRIPTION**

### ***Forms and methods of training***

The course will be taught in the form of practical (40h.), organization of independent work of students (50 hours).

Types of training sessions in the specialization "General practice family medicine" are: practical classes, independent work, trainings with the use of distance learning, individual work of applicants of educational qualification level "Doctor of Philosophy".

### **Contents of the course**

1. Place of family medicine in the general structure of health care and principles of family services of the population. Organization of the work of the family doctor.
2. Medical and social aspects of public health. Examination of temporary and sustainable disability. The role of the family doctor in promoting a healthy lifestyle, prevention and dispensary.
3. The structure of health insurance, the activity of the family doctor in the conditions of insurance medicine.
4. Basics of information support of the work of the family doctor. Distance learning methods.
5. Evidence-based medicine. Main provisions. Concepts about randomized clinical trials.
6. Psychological aspects of the family doctor's activity.
7. Methodical approaches to the analysis of the activities of the family doctor
8. Organization of out-of-hospital care in the practice of a family doctor in the most common diseases of the therapeutic profile. Detection of respiratory tuberculosis (active and passive).
9. General principles of tuberculosis treatment. Organization of treatment in PHC facilities. Prevention and treatment of adverse reactions to TUBER drugs.
10. HIV etiology – infections. Principles of laboratory diagnostics of HIV-infection.  
Screening and variational studies. Advising in the context of HIV – infection. Voluntary testing with before- and after test counseling (DCT).
11. Organization of medical care for HIV –infected. Care and psychological support for HIV-infected people. Symptomatic treatment and management of patients. Primary HIV prevention is infection. Organization of preventive HIV infection programs for different groups of the population.
12. Rules and methods to protect healthcare professionals from HIV infection in the workplace. Medical post contact prevention.
13. Methods of cardiovascular system research. Differential diagnosis of dysphagia. Differential diagnosis of cardiac gynae.
14. Monitoring the health and development of children
15. Intensive care in cardiology. Clinical classification of pain. Emergency care in the practice of a family doctor in pain syndrome.

16. Organization of emergency medical care in the practice of a family doctor in case of sudden death at the hospital stage. Organization of emergency medical care in the practice of a family doctor in convulsions and loss of consciousness at the up to the hospital stage.

17. Organization of emergency medical care for stings, bites, electric thugs, drownings and the effects of low and high temperatures at the up to the hospital stage.

18. Organization of medical care for incubators.

19. Methods of palliative treatment of the main symptoms and syndromes in an incurable disease.

20. Principles of multidisciplinary approach in working with incircling patients. Deontological aspects of communication with incurable patients and their relatives.

### **List of recommended literature**

#### *Basic literature*

1. "Internal diseases. Textbook based on the principles of evidence-based medicine 2018/19". Practical medicine, Krakow, Poland. 2018 –1632s.

2. Laboratory reference book "SYNEVO" [O.V. Nebyltsova, Zh.A. Klimova, G.A. Nosenko et al.] / edited by O.V. Nebyltsova. – K.: OOO «Doctor-Media», 2015. – 420 p.

3.

#### **Electronic Resources**

1. American College of Cardiology <http://www.acc.org/>

2. American Heart Association <http://news.heart.org/>

3. European Society of Cardiology <http://www.escardio.org/>

4. National Comprehensive Cancer Network <https://www.nccn.org/>

5. The European Society for Medical Oncology <http://www.esmo.org/>

6. Up To Date <http://www.uptodate.com>

7. BMJ Clinical Evidence <http://clinicalevidence.bmj.com>

8. Medscape from WebMD <http://www.medscape.com>

9. National Guideline Clearinghouse <https://www.guideline.gov/>

10. Centers for Disease Control and Prevention (CDC) <https://www.cdc.gov/>

11. The Cochrane Collaboration The Cochrane Library <http://www.cochrane.org/>

12. Clinical Knowledge Summaries (CKS) <http://prodigy.clarity.co.uk/>

### **EVALUATION**

**Methods of current control:** testing, solving situational problems, control of practical skills, in particular - the ability to properly examine the patient, prescribe and interpret the results of laboratory and instrumental examination, substantiate the diagnosis on the basis of analysis of clinical and auxiliary methods of examination.

The daily evaluation of the current educational activity consists of evaluating the writing of tests from the KROK 2 database, protocols for examining patients, theoretical protocols, oral responses to electrocardiograms, X-rays, blood tests, and clinical problem solving.

The current educational activity of the student is estimated on a 4-point (traditional) scale.

At the end of the study of the discipline, the current success is calculated as the average score of all grades received by the student on the traditional scale, rounded to 2 (two) decimal places.

The **evaluation is "excellent"** if the student knows the content of the lesson in full, giving comprehensive answers and teaching material without errors and inaccuracies, freely solves problems and performs practical skills of varying degrees of complexity.

The **assessment of "good"** is set if the student knows the content of the lesson almost in full, giving correct but not exhaustive answers to questions.

The **assessment is "satisfactory"** if the student knows the content of the lesson not in full.

The **assessment is "unsatisfactory"** is set if the student does not have the content of the lesson, solves problems with significant errors and performs practical skills.

#### **Evaluation of individual tasks of the student**

Assessment for individual tasks is awarded to the student only if they are successfully implemented and protected. The rating is added to the current success.

**The final certification is allowed only those students who do not have academic debt and have an average score for the current academic activity of at least 3.00.**

Maximum current success rate is 5.0

The minimum number of points for admission to the differential scoring - 3.0

#### **Forms and methods of final control:**

**The differential test is carried out upon completion of the study of all topics of the section.**

**Differential test is carried out on the day determined by the educational part. It is based on the results of the oral answer to the ticket, which has two theoretical questions and two situational problems. The professor and associate professors of the department take the credit, according to the individual schedule.**

**The maximum score is 5.0.**

**Differential score is considered** to be credited if the student received a score of at least 3.0

#### **The assessment in the discipline consists of two components:**

- **50% - current success (average arithmetic of all student grades);**
- **50% assessment on differential standings.**

The average mark for the discipline (traditional score) is calculated as the arithmetic average of the current success and the assessment obtained during the differential test.

#### **Independent work of students.**

Independent work of students, which is provided for by the topic of the lesson along with classroom work, is evaluated during the current control of the topic in the relevant class. Assimilation of topics that are carried out only for independent work is checked during the differential test.

## **COURSE POLICY**

### ***Deadline and retake Policy***

All missed classes must be worked out. Lectures are worked out by writing essays on the topic of the lesson. Practical classes are worked out according to the consultation schedule.

Students are not entitled to re-grade the last grade (differentiated test) and current satisfactory and unsatisfactory grades in order to increase the average arithmetic of all current grades.

Students are eligible for 3.00 current grades during the semester only to achieve an average current score of 3.00.

### ***Academic Integrity Policy***

Inadmissible write-offs, the student must be fluent in the material.

### ***Policy on attending classes and delays***

Student should not miss lectures and practical classes, the absence for good reasons should inform the teacher in advance, lateness is not desirable.

### ***Mobile devices***

We will allow the use of a mobile phone, tablet or other mobile devices during the lesson (except in cases stipulated by the curriculum and the teacher's methods) without the permission of the teacher.

### ***Behavior in the audience***

Creative, business, friendly atmosphere.