MINISTRY OF HEALTH OF UKRAINE
BOGOMOLETS NATIONAL MEDICAL UNIVERSITY
Department of general practice (family medicine)

«Approved»
Vice-rector for for Research, Academic and Education Affairs
Doctor of Medical Sciences,
Professor_____O. M. Vlasenko
«____» _____2026

WORKING PROGRAM IN EDUCATIONAL DISCIPLINE
«General Practice (Family Medicine) including professional practice as a doctor at primary care facility»

Level of higher education: second (Master`s degree)
Field of knowledge: 22 «Health Care»
Specialty: 222 «Medicine»
Education program EPP «Medicine»

2026/2027 study year

Developed and submitted by: O.O. Bogomolets National Medical University

DEVELOPERS:

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The Working program was approved at the meeting of the Depatment of General Practice (Family Medicine), Protocol № 1 from August 26, 2026

Head of the Department,
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Approved at the meeting of the cycle methodological committee of therapeutic disciplines of the Bogomolets NMU
Protocol № 1 from _____2026

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INTRODUCTION

The program of studying of educational subject of «General Practice (Family Medicine) including professional practice as a doctor at primary care facility» is compiled according to the Standard of higher education of Ukraine (further – Standard of second (Magster`s degree) level, Field of knowledge 22 «Health Care», for the specialty 222 «Medicine»

1. DESCRIPTION OF EDUCATIONAL DISCIPLINE

<table>
<tr><td rowspan="2">Name of indicators</td><td rowspan="2">Field of the knowledge, specialties, educational and qualification level</td><td colspan="2">Characteristic of educational discipline</td></tr>
<tr><td>Full-time education</td><td>Correspondence education</td></tr>
<tr><td>Number of credits – 3</td><td>Field of the knowledge
22 Health care___
(code and name)</td><td colspan="2">Normative</td></tr>
<tr><td>Module 1
Content Modules – 2</td><td rowspan="4">Specialities:
222 «Medicine»</td><td colspan="2">Year of education</td></tr>
<tr><td>Individual science-and-research task _____</td><td>6-th</td><td>-</td></tr>
<tr><td rowspan="2">Overall amount of hours – 90</td><td colspan="2">Semester</td></tr>
<tr><td>11-th, 12-th</td><td>-</td></tr>
<tr><td rowspan="14">Week hours for day-time education:
at auditorium – 60
Self-study work – 30</td><td rowspan="14">Educational level:
second (Master`s degree)</td><td colspan="2">Lectures</td></tr>
<tr><td>0 h.</td><td>-</td></tr>
<tr><td colspan="2">Practical, seminar</td></tr>
<tr><td>60 h.</td><td>-</td></tr>
<tr><td colspan="2">Laboratory</td></tr>
<tr><td>0 h.</td><td>-</td></tr>
<tr><td colspan="2">Self-study work</td></tr>
<tr><td>30 h.</td><td>-</td></tr>
<tr><td colspan="2">Individual tasks:</td></tr>
<tr><td colspan="2"></td></tr>
<tr><td colspan="2">Type of control:</td></tr>
<tr><td>Final control</td><td></td></tr>
</table>

Description of educational subject (annotation). Among wide spectrum of educational subjects for studying by magisters educational subject of «General Practice (Family Medicine) including professional practice as a doctor at primary care facility» permits to command the knowledge, skills, which provide the specialist possibility to make correct analyses of data, received from the patient, to build diagnostic and treatment algorithm for the patient, to make rapid decision in case of emergency, to avoid mistakes and losses of time and to make immediate actions for human life savings for the benefits of further stay of the patient at hospital. Studying of the subjects is based on background of Anatomy, Biology, Physiology and others basic subjects.

During education of the subject of «General Practice (Family Medicine) including professional practice as a doctor at primary care facility» it is optimal to include in educational process modern world achievements and standards of first medical care with the wide using of complex practice-oriented education.

The draft of the program of educational subject of «General Practice (Family Medicine) including professional practice as a doctor at primary care facility» is compiled in accordance to the demands of Constitution of Ukraine, Laws of Ukraine "About education", "About higher education", "About scientific and scientific-technical activity", "About information"; normative acts of Cabinet of Ministers of Ukraine; orders of Educational and Science Department of Ukraine and Health Department of Ukraine and other Laws, which regulate the organization of educational process and order of specialists training at higher medical institutions of Health Department of Ukraine, namely, Letter of State organization "Central methodical cabinet in higher medical education of Health Department of Ukraine" of 10.03.2017 # 23-01-9/87; Letter of Health Department of Ukraine" of 26.07.2016 # 23-01-9/268; Order of Educational and Science Department of Ukraine of 16.10.2009 # 943 "About implementation at higher educational institutions of Ukraine European credit-transfer system"; Order of Cabinet of Ministers of Ukraine

of 29.04.2015 # 266 “About approval of the list of directions of training and specialties at higher education”.

The subject of learning is the health state of full family, early diagnostics, treatment and prevention of acute and chronic diseases, and providing of emergency help at pre-hospital stage, which help to increase the quality of doctor education for the off-hospital level of health protection.

Interdisciplinary links: are based on the learning of students Latin language and medical terminology; normal and pathological human anatomy, histology, medical biology and genetics, medical and biological physics, medical chemistry, biological and bio-organic chemistry, microbiology, normal and pathological physiology, propaedeutics of internal and children diseases, pharmacology of internal medicine, infectious diseases, epidemiology, pediatrics, endocrinology, neurology, oncology, surgery, ophthalmology, otolaryngology, dermatology, clinical immunology and pharmacology, reanimatology, social medicine and health protection, hygiene and ecology, informatics, ethics and deontology and integration with these disciplines.

2. AIM AND TASKS OF EDUCATIONAL SUBJECT

2.1 Aim of education in educational subject «General Practice (Family Medicine) including professional practice as a doctor at primary care facility» is the formation in students systemic knowledge and understanding of conceptual basics of the providing of primary multi-profile primary care for all population independently of age and gender on the basis of family medicine.

2.2 Main tasks of learning of educational subject «General Practice (Family Medicine) including professional practice as a doctor at primary care facility» are measuring of health state of all family members, early diagnostics, care and prevention of acute and chronic diseases, and providing of emergency help at pre-

hospital stage, which provide higher level of quality of preparation of medical doctor for the out-patient stage of health protection.

2.3 Competencies and results of education, which are connected to subject (interconnection with normative content of students of higher education, formulated in the definitions of Standard)

According to the demands of standard learning educational subject «General Practice (Family Medicine) including professional practice as a doctor at primary care facility» provides receiving following competencies by the students:

-integral: capability of solving of complicated situations and practical problems in the direction of professional activity 22 «Health Care», which means using of definite theoretical knowledge, practical skills and methods of right professional activity;

-general:

GC1. Ability to abstract thinking, analysis and synthesis.

GC 2. Ability to learn and master modern knowledge.

GC 3. Ability to apply knowledge in practical situations.

GC 4. Knowledge and understanding of the subject field and understanding of professional activity.

GC 5. Ability to adapt and act in a new situations.

GC 6. Ability to make informed decisions.

GC 7. Ability to work in a team.

GC 8. Ability to interpersonal interaction.

GC 9. Ability to communicate in a foreign language.

GC 10. Ability to use information and communication technologies.

GC 11. Ability to search, process and analyze information from various sources.

GC 12. Determination and persistance in relation to assigned tasks and assumed duties.
GC 13. Awareness of equal opportunities and gender issues.
GC 14. The ability to realize one's rights and responsibilities as a member of society, to realize the values of a civil (free, democratic) society and the need for its sustainable development, the rule of law, the rights and freedom of a person and a citizen of Ukraine.
GC 15. The ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding of the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies; use different types and forms of motor activity for active recreation and keep to a healthy lifestyle.

-special (subject-based):

SC 1. Ability to collect medical information about the patient and analyze clinical data.
SC 2. Ability to determine the necessary list of laboratory and instrumental studies and evaluate their results.
SC 3. Ability to establish a preliminary and clinical diagnosis of the disease.
SC 4. Ability to determine the necessary regime of work and rest in the treatment and prevention of diseases.
SC 5. Ability to determine the eating patterns in the treatment and prevention of diseases.
SC 6. Ability to determine the principles and way of treatment and prevention of diseases.
SC 7. Ability to identify medical emergencies.
SC 8. Ability to determine tactics and provide emergency medical care.

SC 10. Ability to perform medical manipulations.

SC 11. Ability to solve clinical cases in new or unfamiliar environment in the presence of incomplete or limited information taking into account aspects of social and ethic responsibility.

SC 16. Ability to process medical documentation including electronic forms.

SC 17. Ability to assess the impact of the environment, socio-economic and biological determinants on the health status of an individual, family, population.

SC 21. One should clear express one's own knowledge, conclusions and arguments on health care problems and related issues to specialists and non-specialists particularly to people who study.

SC 23. Ability to develop and implement scientific and applied projects in the field of health care.

SC 24. Compliance with ethic principles when working with patients and laboratory animals.

SC25. Compliance with professional and academic integrity, taking responsibility for the reliability of the obtained scientific results.

Detalization of competencies according to the descriptors in the form of "Matrix of competencies"

Matrix of competencies

№	Competency	Knowledge	Skills	Communication	Autonomy and responsibility
Integral competency		**capability of solving of complicated specialized situations and practical problems in the direction of professional activity 22 «Health Care», which means using of definite theoretical knowledge, practical skills and methods of right professional activity**			
General competencies					
GC1	**Ability to abstract thinking, analysis and synthesis**		+	+	+
GC2	**Ability to learn and master modern knowledge**		+	+	+

GC3	**Ability to apply knowledge in practical situations**		+	+	+
GC4	**Knowledge and understanding of the subject field and understanding of professional activity**		+	+	+
GC5	**Ability to adapt and act in a new situation**		+	+	+
GC6	**Ability to make informed decisions**		+	+	+
GC7	**Ability to work in a team**	+	+	+	+
GC8	**Ability to interpersonal interaction**		+	+	+
GC9	**Ability to communicate in a foreign language**		+	+	+
GC10	**Ability to use information and communication technologies**	+	+	+	+
GC11	**Ability to search, process and analyze information from various sources**	+	+	+	+
GC12	**Determination and persistance in relation to assigned tasks and assumed duties**		+	+	+
GC13	**Awareness of equal opportunities and gender issues**	+	+	+	+
GC14	**The ability to realize one's rights and responsibilities as a member of society, to realize the values of a civil (free, democratic) society and the need for its sustainable development, the rule of law, the rights and freedom of a person and a citizen of Ukraine**		+	+	+
GC15	**The ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding of the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies; use different types and forms of motor activity for active recreation and keep to a healthy lifestyle.**	+	+		+
Special (subject-based) competencies					
SC1	**Ability to collect medical information about the patient and analyze clinical data.**	+	+	+	+
SC2	**Ability to determine the necessary list of laboratory and instrumental studies and evaluate their results**	+	+	+	+
SC3	**Ability to make correct preliminary and clinical diagnosis**	+	+	+	+

SC4	**Ability to determine the necessary regime of work and rest in the treatment and prevention of diseases**	+	+	+	+
SC5	**Ability to determine the eating patterns in the treatment and prevention of diseases**	+	+	+	+
SC6	**Ability to determine the principles and way of treatment and prevention of diseases**	+	+	+	+
SC7	**Ability to identify medical emergencies**	+	+	+	+
SC8	**Ability to determine tactics and provide emergency medical care**	+	+	+	+
SC10	**Ability to perform medical manipulations**	+	+	+	+
SC11	**Ability to solve clinical cases in new or unfamiliar environment in the presence of incomplete or limited information taking into account aspects of social and ethic responsibility**	+	+	+	+
SC16	**Ability to process medical documentation including electronic forms**	+	+	+	+
SC17	**Ability to assess the impact of the environment, socio-economic and biological determinants on the health status of an individual, family, population**	+	+	+	+
SC21	**One should clear express one's own knowledge, conclusions and arguments on health care problems and related issues to specialists and non-specialists particularly to people who study**	+	+	+	+
SC23	**Ability to develop and implement scientific and applied projects in the field of health care**	+	+	+	+
SC24	**Compliance with ethic principles when working with patients and laboratory animals**	+	+	+	+
SC25	**Compliance with professional and academic integrity, taking responsibility for the reliability of the obtained scientific results**	+	+	+	+

Results of learning:

Integrative final program results of learning (PRL), which are created by the studying of the subject:

PRL 1. Have a thorough knowledge of the structure of professional activity. Be able to carry out professional activities that require updating and integration of knowledge. Be responsible for professional development, the ability to further professional training with a high level of autonomy.

PRL 2. Understanding and knowledge of fundamental and clinical biomedical sciences, at a level sufficient to solve professional tasks in the field of health care.

PRL 3. Specialized conceptual knowledge that includes scientific achievements in the field of health care and is the basis for conducting research, critical understanding of problems in the field of medicine and related interdisciplinary problems.

PRL 4. Identify and identify leading clinical symptoms and syndromes (according to list 1); using standard methods, using preliminary data from the patient's history, patient examination data, knowledge about the person, his organs and systems, establish a preliminary clinical diagnosis of the disease (according to list 2).

PRL 5. Collect complaints, anamnesis of life and disease, assess the patient's psychomotor and physical development, the state of organs and body systems, based on the results of laboratory and instrumental studies, evaluate information on the diagnosis (according to list 4), taking into account the patient's age.

PRL 6. Establish a final clinical diagnosis by making a reasoned decision and analyzing the obtained subjective and objective data of clinical, additional examination, differential diagnosis, adhering to relevant ethical and legal norms, under the supervision of the head physician in a healthcare facility (according to list 2).

PRL 7. Assign and analyze additional (mandatory and optional) examination methods (laboratory, functional and/or instrumental) (according to list 4), patients

with diseases of organs and body systems for differential diagnosis of diseases (according to list 2).

PRL 8. Determine the main clinical syndrome or what determines the severity of the victim's condition (according to list 3) by making a reasoned decision and assessing the person's condition under any circumstances (in a healthcare facility, outside it), including in an emergency and combat situation, in the field, in conditions of lack of information and limited time.

PRL 9. Determine the nature and principles of treatment of patients (conservative, surgical) with diseases (according to list 2), taking into account the patient's age, in a healthcare facility, outside it and at the stages of medical evacuation, including in the field, based on a preliminary clinical diagnosis, adhering to relevant ethical and legal norms, by making a reasoned decision according to existing algorithms and standard schemes, if necessary, expanding the standard scheme, be able to substantiate personalized recommendations under the supervision of the head physician in a medical facility.

PRL 10. Determine the necessary regime of work, rest and nutrition based on the final clinical diagnosis, adhering to relevant ethical and legal norms, by making a reasoned decision according to existing algorithms and standard schemes.

PRL 11. Determine the approach, plan and tactics for managing physiological pregnancy, physiological childbirth and the postpartum period by making a reasoned decision according to existing algorithms and standard schemes.

PRL 12. Assess the general condition of the newborn child by making a reasoned decision according to existing algorithms and standard schemes, adhering to relevant ethical and legal norms.

PRL 13. Assess and monitor the child's development, provide recommendations on feeding and nutritional characteristics depending on age, organize preventive vaccinations according to the calendar.

PRL 14. Determine tactics and provide emergency medical care in emergency situations (according to list 3) in conditions of limited time in accordance with existing clinical protocols and treatment standards.

PRL 15. Organize the provision of medical care and medical evacuation measures to the population and military personnel in emergency situations and combat operations, including in field conditions.

PRL 16. Form rational medical routes for patients; organize interaction with colleagues in their own and other institutions, organizations and institutions; apply tools for promoting medical services in the market, based on an analysis of the needs of the population, in the conditions of the functioning of a health care institution, its unit, in a competitive environment.

PRL 17. Perform medical manipulations (according to list 5) in a medical institution, at home or at work based on a preliminary clinical diagnosis and/or indicators of the patient's condition by making a reasoned decision, adhering to relevant ethical and legal norms.

PRL 18. Determine the state of functioning and limitations of a person's vital activity and the duration of incapacity for work with the execution of relevant documents, in the conditions of a healthcare institution based on data on the disease and its course, the features of the person's professional activity, etc. Maintain medical documentation on the patient and the population based on regulatory documents.

PRL 19. Plan and implement a system of anti-epidemic and preventive measures regarding the occurrence and spread of diseases among the population.

PRL 20. Analyze the epidemiological situation and carry out measures of mass and individual, general and local prevention of infectious diseases.

PRL 21. Find the necessary information in professional literature and databases of other sources, analyze, evaluate and apply this information.

PRL 22. Apply modern digital technologies, specialized software, statistical methods of data analysis to solve complex healthcare problems.

PRL 23. Assess the impact of the environment on human health to assess the morbidity of the population.
PRL 24. Organize the necessary level of individual safety (one's own and those cared for) in the event of typical dangerous situations in the individual field of activity.
PRL 25. Clearly and unambiguously communicate one's own knowledge, conclusions and reasoning on health care problems and related issues to specialists and non-specialists.
PRL 26. Manage work processes in the field of health care that are complex, unpredictable and require new strategic approaches, organize the work and professional development of personnel taking into account the acquired skills of effective teamwork, leadership positions, proper quality, accessibility and fairness, ensuring the provision of integrated medical care.

The criteria for evaluating educational achievements implemented in the evaluation norms, which establish the relationship between the requirements for knowledge, skills and abilities and the evaluation indicator in points. Learning outcomes evaluated during current, intermediate and final control. During the current control, the assessment is carried out according to the traditional scale ("excellent" - 5, "good" - 4, "satisfactory" - 3, "unsatisfactory" - 2), after which the assessment is converted into points.

Generalized criteria for evaluating program-learning outcomes:

Evaluation according to the 4-point system	Evaluation criteria
5 («exellent»)	The student shows special creative abilities, knows how to acquire knowledge independently, finds and processes the necessary information without help of a teacher, knows how to use the acquired knowledge and skills to make decisions in non-standard situations, convincingly argues the answers, possesses at least 90% knowledge of the topic during the survey, performance of tasks and all types of control.
4 («good»)	The student possesses the studied amount of material, applies it in practice, solves exercises and problems in standardized situations,

	independently corrects errors, the number of which is insignificant, possesses at least 80% of knowledge on the topic during the survey, tasks and all types of control.
3 («satisfactory»)	The student reproduces the majority of the theoretical material, demonstrates knowledge and understanding of the main provisions with the help of the teacher, can analyze the educational material, correct errors, among which there are a significant number of essential ones, possesses at least 60% knowledge of the topic during the survey, performing tasks and all types of control
2 («unsatisfactory»)	The student possesses the material at the level of elementary recognition, experiences difficulties in reproducing the majority of the elements of the educational material, possesses less than 60% knowledge of the topic both during the survey and in all types of control

*Criteria for evaluating individual types of student work – see item 12.

3. PROGRAM OF EDUCATIONAL DISCIPLINE

Module 1. General practice (family medicine), including professional practice as a doctor at primary care facility

Content module 1 *"General practice (family medicine)"*

Topic 1. The place of family medicine in the general structure of health care and the principles of family service to the population.

The history of the development of family medicine. Main principles of family medicine. WONCA. Duties, rights, responsibility of a family doctor. The procedure for providing primary medical care. Equipment of a family doctor's clinic. Insights into eHealth - an electronic system of registration and management of doctor-patient relations: the central component and medical information systems.

Topic 2. Principles and types of medical insurance. Palliative medical care in the practice of a family doctor

Types and principles of medical insurance. Subjects of medical insurance (insurer, insurant, insured, medical institution). Features of insurance in Ukraine and other countries.

Palliative and hospice care in Ukraine. Basic concepts. Components of palliative care. The main tasks of a family doctor in providing palliative care. The Karnowski index, the ECOG scale, and other tools to assess a patient's need for palliative care. Perceptions of euthanasia.

Chronic pain syndrome. Visual analogue scale (VAS) of pain. Pharmacotherapy of chronic pain syndrome.

Topic 3. Medical and social aspects of population health. Implementation of immunoprophylaxis.

The role of the family doctor in strengthening the health of the population: promotion of a healthy lifestyle, prevention of chronic non-communicable diseases (NCDs), dynamic monitoring. The main risk factors for the development of CVD and reducing their impact on health. Screening programs. Criteria for the effectiveness and feasibility of the screening program (WHO, 2011). Immunoprophylaxis. Types of vaccines. Mandatory and recommended vaccinations for adults and children.

Topic 4. Management of chronic non-infectious (non-communicable) diseases. Algorithm of the family doctor's activities in case of major cardiovascular diseases.

Hypertension, angina pectoris, rhythm and conduction disturbances, HF: early detection, differential diagnosis, complications, principles of treatment, pharmacotherapy, prevention, patient route. Methodology of performing and evaluating ECG. Elements of ultrasound diagnostics (POCUS) in the management of patients with cardiovascular diseases.

Topic 5. Algorithm of the family doctor's activities in the main diseases of the respiratory system and diseases of the urinary system.

COPD, Bronchial asthma: early detection, differential diagnosis, complications, principles of treatment, pharmacotherapy, prevention, patient route. The technique of performing peak flowmetry.

Chronic pyelonephritis, chronic glomerulonephritis, CKD: early detection, differential diagnosis, complications, principles of treatment, pharmacotherapy, prevention, patient route.

Elements of ultrasound diagnostics (POCUS) in the management of patients with respiratory diseases. The basics of lung research.

Topic 6. Algorithm of the family doctor's activities in the main endocrinological diseases and anemias.

Type 1 and type 2 diabetes, thyroid disease; anemia: early detection, differential diagnosis, complications, principles of treatment, pharmacotherapy, prevention, patient route.

Topic 7. Algorithm of the family doctor's activities for the main diseases of the gastrointestinal tract

Esophagitis, gastritis, peptic ulcers of stomach and duodenum: early detection, differential diagnosis, complications, principles of treatment, pharmacotherapy, prevention, patient route.

Elements of ultrasound diagnostics (POCUS) in the management of patients with diseases of the gastrointestinal tract. Imaging of the gallbladder and kidneys.

Topic 8. Organization of emergency medical care in the practice of a family doctor.

Provision of emergency care by a family doctor in case of sudden death, seizures and loss of consciousness at the pre-hospital stage.

Examination of the patient after loss of consciousness. The logic of the diagnostic search. VLS, ALS protocols

Topic 9. Clinical reasoning in the practice of a family doctor.

What is clinical reasoning? Models of clinical reasoning. The process of clinical reasoning. Dual process theory. Collection and prioritization of key clinical findings/problems. Disease script (scenarios). Making a differential diagnosis and making a final diagnosis. Biases and cognitive errors

Topic 10. Presentation of the outpatient management program. Final control

Content module 2 " Professional practice as a doctor at primary care facility"

Topic 1. ICPC-2 international classification.

Principles of coding symptoms, complaints and diseases according to the ICPC-2 classification

Topic 2. Pain management of palliative patients

Rules for prescribing narcotic analgesics according to current recommendations and legislation. Deontological aspects of dying (communication with the patient and his relatives).

Topic 3. Vaccination calendar. Immunoprophylaxis. Peculiarities in the conditions of the SARS-CoV-2 pandemic.

Topic 4. Emergency care for hypertensive crisis at the in outpatient settings.

Topic 5. Differential diagnosis of cough

Topic 6. Principles of rational nutrition.

Topic 7. Cancer screening.

Topic 8. Organization and providing emergency medical care in outpatient settings. Separation of functions with emergency care facilities**.**

Topic 9. Management of patients with fever of various genesis.

Topic 10. Final control

4. STRUCTURE OF EDUCATIONAL DISCIPLINE

Kind of work	Activity form	Amount of hours per class	Amount of classes	Overall hours
auditory	lecture	**-**	**-**	**-**
	practical class	**4**	**10**	**40**
	practical class of professional practice	**2**	**10**	**20**
out auditory	Self-study work	**2**	**10**	**20**

	Self-study work of professional practice	**1**	**10**	**10**
Total				**90**

Names of modules and topics	Amount of hours					
1	Total	including				
		l.	sem.	pr.c.	i.w.	Lab
	2	3	4	5	6	7
Module. "General Practice (Family Medicine) including professional practice as a doctor at primary care facility"						
Content module 1.1 "General Practice (Family Medicine)"						
Topic 1. The place of family medicine in the general structure of health care and the principles of family service to the population.				4	2	
Topic 2. Principles and types of medical insurance. Palliative medical care in the practice of a family doctor				4	2	
Topic 3. Medical and social aspects of population health. Implementation of immunoprophylaxis				4	2	
Topic 4. Management of chronic non-infectious (non-communicable) diseases. Algorithm of the family doctor's activities in case of major cardiovascular diseases.				4	2	
Topic 5. Algorithm of the family doctor's activities in the main diseases of the respiratory system and diseases of the urinary system.				4	2	
Topic 6. Algorithm of the family doctor's activities in the main endocrinological diseases and anemias.				4	2	
Topic 7. Algorithm of the family doctor's activities for the main diseases of the gastrointestinal tract				4	2	
Topic 8. Organization of emergency medical care in the practice of a family doctor.				4	2	
Topic 9. Clinical reasoning in the practice of a family doctor.				4	2	

Topic 10. Presentation of the outpatient management program. Final control				4	2	
Totally for content module 1	**60**			**40**	**20**	
Content module 2. "Professional practice as a doctor at primary care facility"						
Topic 1. ICPC-2 international classification.				2	1	
Topic 2. Pain relief for palliative patients (rules for prescribing narcotic analgesics according to current recommendations and legislation). Deontological aspects of dying (communication with the patient and his relatives).				2	1	
Topic 3. Vaccination calendar. Immunoprophylaxis. Peculiarities in the conditions of the SARS-CoV-2 pandemic.				2	1	
Topic 4. Emergency care for hypertensive crisis at the in outpatient settings.				2	1	
Topic 5. Differential diagnosis of cough				2	1	
Topic 6. Principles of rational nutrition				2	1	
Topic 7. Cancer screening				2	1	
Topic 8. Organization and providing emergency medical care in outpatient settings. Separation of functions with emergency care facilities.				2	1	
Topic 9. Management of patients with fever of various genesis.				2	1	
Topic 10. Presentation of the outpatient management program. Final control.				2	1	
Totally for content module 2	**30**			**20**	**10**	
Total hours for module 1	**90**			**60**	**30**	

5. LECTURE TOPICS

Lectures are not scheduled by the program.

6. TOPICS OF SEMINAR LESSONS

Seminar classes are not scheduled by the program

7. TOPICS OF PRACTICAL CLASSES

№ п/п	Topics of practical classes	Number of hours
Content module 1. "General Practice (Family Medicine)"		
1	The place of family medicine in the general structure of health care and the principles of family service to the population.	4
2	Principles and types of medical insurance. Palliative medical care in the practice of a family doctor	4
3	Medical and social aspects of population health. Implementation of immunoprophylaxis	4
4	Management of chronic non-infectious (non-communicable) diseases. Algorithm of the family doctor's activities in case of major cardiovascular diseases.	4
5	Algorithm of the family doctor's activities in the main diseases of the respiratory system and diseases of the urinary system.	4
6	Algorithm of the family doctor's activities in the main endocrinological diseases and anemias.	4
7	Algorithm of the family doctor's activities for the main diseases of the gastrointestinal tract	4
8	Organization of emergency medical care in the practice of a family doctor.	4
9	Clinical reasoning in the practice of a family doctor.	4
10	Presentation of the outpatient management program. Final control	4
	Total for content module 1	**40**
Content module 2. "Professional practice as a doctor at primary care facility"		

1	International classification ICPC-2.	2

2.	Pain relief for palliative patients (rules for prescribing narcotic analgesics according to current recommendations and legislation). Deontological aspects of dying (communication with the patient and his relatives).	2
3.	Vaccination calendar. Immunoprophylaxis. Peculiarities in the conditions of the SARS-CoV-2 pandemic.	2
4.	Emergency care for hypertensive crisis at the in outpatient settings.	2
5.	Differential diagnosis of cough	2
6.	Principles of rational nutrition	2
7.	Cancer screening	2
8.	Organization and providing emergency medical care in outpatient settings. Separation of functions with emergency care facilities.	2
9.	Management of patients with fever of various genesis.	2
10.	Final control.	2
	Total content module 2	20
	Total per Module	**60**

8. LABORATORY LESSONS

Laboratory classes are are not scheduled by the program

9. SELF-STUDY WORK

№	Topic name	Number of hours	Control type
Content module 1. "General practice (family medicine)"			
1.	Preparation for a practical lesson on topic No. 1 " The place of family medicine in the general structure of health care and the principles of family service to the population" - "Affordable Medicines" reimbursement program.	1	Current control and FC
2.	Preparation for a practical lesson on topic No. 2 " Principles and types of medical insurance. Palliative medical care in the practice of a family doctor" - Legislative framework on issues of temporary and permanent disability. Rules for	1	Current control and FC

	issuing electronic sick leave certificates of temporary incapacity for work.		
3.	Preparation for a practical lesson on topic No. 3 " Medical and social aspects of population health. Implementation of immunoprophylaxis" - Rehabilitation - types, principles.	1	Current control and FC
4.	Preparation for a practical lesson on topic No. 4 " Management of chronic non-infectious (non-communicable) diseases. Algorithm of the family doctor's activities in case of major cardiovascular diseases" - Algorithm of emergency care for acute coronary syndrome at the ambulatory stage.	1	Current control and FC
5.	Preparation for a practical lesson on topic No. 5 "Algorithm of the family doctor's activities in the main diseases of the respiratory system and diseases of the urinary system" - Motivational interview of a smoking patient with the aim of quitting smoking on the example of a patient with COPD	1	Current control and FC
6.	Preparation for a practical lesson on topic No. 6 "Algorithm of the family doctor's activities in the main endocrinological diseases and anemias" - Overweight, obesity and metabolic disorders in the practice of a family doctor.	1	Current control and FC
7.	Preparation for a practical lesson on topic No. 7 " Algorithm of the family doctor's activities for the main diseases of the gastrointestinal tract ". - General principles of rational antibiotic therapy.	1	Current control and FC
8.	Preparation for a practical lesson on topic No. 8 "Organization of emergency medical care in the practice of a family doctor" Algorithm for providing emergency care by a family doctor in cases of sudden death, seizures, and internal consciousness at the prehospital stage.	1	Current control and FC
9.	Preparation for a practical lesson on topic No. 9 " Clinical reasoning in the practice of a family doctor"	1	Current control and FC

	- Bias and cognitive errors in family doctor practice		
10.	Preparation for the practical lesson on topic No. 10 "Final control": Preparation and writing of a outpatient curation program for patients with the most common diseases of internal organs.	11	Current control and FC
	Total	20	
Content module 2. "Professional practice as a doctor at primary care facility"			
1.	Peculiarities of distant counseling.	1	Current control and FC
2.	The system of training and continuous education of a general practitioner in modern conditions.	1	Current control and FC
3.	Sanatorium-resort treatment. Preparation of documentation.	1	Current control and FC
4.	Mastering the methods of calculating the BMI and CV risk.	1	Current control and FC
5.	Clinical signs, diagnosis, emergency care for bronchial asthma attack.	1	Current control and FC
6.	Conducting a diagnostic search and routing of a patient with joint diseases using the example of a patient with osteoarthrosis.	1	Current control and FC
7.	A differentiated approach to the treatment of constipation in outpatient settings.	1	Current control and FC
8.	Management of patients with thyroid disease by a family physician using the example of a patient with endemic goiter.	1	Current control and FC
9.	Peculiarities of managing children's patients.	1	Current control and FC
10.	Indications for hospitalization of patients with acute respiratory diseases. Conditions for treating patients at home.	1	Current control and FC
	Total	10	
	Total per Module	**30**	

10. INDIVIDUAL TASKS

- Presentation of an article at a practical session

- Report at clinical conferences of department bases
- Presentation of medical history at a practical session
- Writing theses, articles.

11. METHODS OF TEACHING

90 hours 3 ECTS credits are allocated to the study of the academic discipline. The educational program of the discipline consists of one module (two content modules).

The duration of the practical session is 4 hours, the duration of the practical session of Professional practice as a doctor at primary care facility is 2 hours.

Current educational activities of students are monitored in practical classes according to specific goals.

When studying the discipline "General practice (family medicine), including professional practice as a doctor at primary care facility", the following teaching methods are used:

- verbal (story, conversation, explanation);
- practical (practical work, simulation technologies);
- explanatory and illustrative (educational literature, videos, thematic phantoms and patients, etc.);
- According to the logic of presentation of educational material: analytical, synthetic, analytical-synthetic, inductive, deductive and traductive methods;
- According to the level of cognitive activity: explanatory-illustrative, reproductive, problematic, partially exploratory, research, problem presentation method.

Better assimilation of educational material is facilitated by use

- interactive technologies of collective and group learning (brainstorming, case-method, group projects, etc.);
- situational modeling technologies (simulation or imitation);

- technologies for working out debatable issues (defining a position, defending it, changing a position, debates, talk shows, etc.);
- distance learning elements (MS Teams services, Google Meet, etc.).

12. METHODS AND FORMS OF CONTROL, DISTRIBUTION OF GRADES, THAT STUDENTS RECEIVE, EVALUATION

It is recommended to use the following means of assessing the level of students' training: computer tests, solving situational problems, the ability to conduct a patient examination and evaluate the data of a physical examination, the results of instrumental studies and parameters characterizing the functions of the human body, its systems and organs, the ability to communicate with by family members and drawing up programs of preventive, if necessary, treatment, as well as rehabilitation direction, taking into account risk factors, age and social status of the family.

Note: When mastering a topic according to the traditional system, the student is assigned grades: "5", "4", "3", "2" (see below for the correspondence of the points).

The maximum number of points for the student's current educational activity is **80 points.** A student is admitted to the final examination **with an arbitrary amount of points scored for the current educational activity**, provided that the requirements of the educational program are met and if he did not miss >25% of practical classes and lectures during the current educational activity.

Individual independent work is performed once per module and includes: curation of patients and writing of a medical history (defense of the outpatient management program) or a thematic presentation, for which grades "5", "4", "3", "2" are assigned. (correspondence to points, see below). These points are included in the sum of points for the discipline.

Table of correspondence of traditional evaluations to points

Traditional mark	The number of points for the current educational activity
«5»	4,2-4,8
«4»	3,5-4,1
«3»	2,8-3,4
«2»	0

Distribution of points received by the students

№ in order	Module (current learning activity)	Maximum number of points
Content module 1. "General practice (family medicine)"		
1.	Topic 1	4,8
2.	Topic 2	4,8
3.	Topic 3	4,8
4.	Topic 4	4,8
5.	Topic 5	4,8
6.	Topic 6	4,8
7.	Topic 7	4,8
8.	Topic 8	4,8
9.	Topic 9	4,8
Content module 2. " Work medical practice in the outpatient clinic of general practice - family medicine"		
1.	Topic 1	4
2.	Topic 2	4
3.	Topic 3	4
4.	Topic 4	4
5.	Topic 5	4
6.	Topic 6	4
7.	Topic 7	4
8.	Topic 8	4
9.	Topic 9	4
Total content modules score		**80**
Final control		**120**
Total sum of points		**200**

Regulations for conducting final control

Forms of control and the evaluation system are carried out in accordance with the requirements of the discipline program and instructions on the evaluation system of students' educational activities under the credit-module system of

organizing the educational process, approved by the Ministry Of Health (MH) of Ukraine (2005).

The grade for the module is defined as the sum of the grades of the current educational activity (in points) and the final control assessment (in points), which is given when evaluating theoretical knowledge and practical skills in accordance with the lists determined by the discipline program.

The maximum number of points assigned to students for mastering each module (credit) is 200, including 80 points (40%) for the current educational activity, 120 points (60%) based on the results of the final control.

Current control is carried out at each practical lesson according to the specific goals of each topic. When evaluating students' educational activity, it is necessary to give preference to standardized control methods: testing, structured written works, structured according to the procedure of control of practical skills in conditions close to real ones. For each stage of the lesson and element of current control, the student receives a traditional "5-4-3-2" grade, from which the teacher forms an average arithmetic grade for the lesson, which is converted into points according to the scale (distribution) provided by the working curriculum, which was drawn up and approved before the start of studying the discipline. If, during the formation of the average arithmetical traditional grade for the lesson, the student receives a "2", then **this grade is converted into "0" points.**

Assessment of the current educational activity of students in practical classes is carried out as follows. At the beginning of the class, the homework assigned by the teacher to prepare for the class is checked. Each student solves 10 tests. During the main part of the class, a questioning is conducted on the topic of the class. The questioning includes the student's work with the patient and includes: taking an anamnesis, examining the patient, possessing practical skills, interpreting the results of laboratory and instrumental research, making a diagnosis, prescribing treatment. In the final part of the lesson, each student solves 1 situational problem.

The points obtained during the lesson are added up. When mastering each topic of the module for the current educational activity, the student is given grades on a 4-point traditional scale, which are then converted into points depending on the number of topics in the module.

The results of monitoring the level of knowledge of each component of the lesson, in particular, tests, are evaluated according to this scale:

59% or less correct answers - grade "2"

60% - 74% of correct answers - grade "3"

75% - 89% of correct answers - grade "4"

90% - 100% of correct answers - grade "5".

The student has the right to improve his knowledge and skills on the topic for which he received an overall grade of "2" and, accordingly, 0 points, during the next training session, during current control, according to the department's regulations, without receiving points.

During the study of the discipline, departments can conduct control tests (as a stage control of knowledge, control tests are not rearranged, control work in the departments is included in the thematic plan of practical classes).

Students have the right to familiarize themselves with the written work checked by the teacher and, in case of disagreement, appeal to the assistant head of academic work at the department or to the head of the department.

Evaluation of independent work of students in preparation for classroom practical classes is carried out during current control of the topic in the corresponding classroom class.

The evaluation of mastery of topics that are assigned only to independent work and are not included in the topics of classroom training sessions is monitored during the final control.

The following are also subject to evaluation:

Written educational works, the writing of which is prescribed by the curriculum of the discipline, and educational topics that are assigned as an independent work in extracurricular time.

Departments also award students additional points for participating and receiving prize-winning places in all-Ukrainian and other olympiads in academic disciplines.

After the lesson, the teacher announces to the students their average grade.

The discipline studied by students during the semester and the year is divided into content parts, after studying which the teacher summarizes the result as a step-by-step control of the student's current performance, which is recorded in the form of an average grade in the student's attendance and performance journal.

The sum of points accumulated by the student as a result of the current study is a component of the overall grade in the discipline according to the types of final control of knowledge.

The maximum number of points for the current study is 80 points.

The current control consists of all points that the student has accumulated during all classroom classes. Missed material from practical classes is processed by the student independently without crediting points in accordance with this Regulation. Accordingly, the minimum score for admission to the final discipline control is not established for the current control. Individual work is allocated points from the current control according to the decision of the department.

The final control involves determining the level of knowledge and skills formed. It is conducted after the completion of the study of the discipline. It includes control of theoretical and practical training. Types of final control: exam, final control, differentiated assessment, assessment, attestations of students of higher education, etc.

Students are admitted to the final control of the discipline if they attend at least 75% of classroom classes (lectures, seminars, laboratory, practical classes) with the entire accumulated amount of points during the study of the discipline.

If a student attended less than 75% (missed more than 25% of classes) of classroom classes, he is considered to have failed the curriculum and curriculum of the discipline, and therefore must re-learn the discipline.

The final control is carried out in the form of an exam, differentiated assessment, assessment and final control in a specific discipline. The volume of educational questions submitted for final control should contain the most important questions from the discipline, and should not constitute the entire educational material, the study of which is provided by the educational program of the discipline.

The evaluation of the results of exams, final control, differentiated assessment, assessment is carried out according to the 200-point knowledge control system adopted at the university and the national scale and are reflected in the relevant information.

Assessment of knowledge in the discipline is carried out according to the appropriate scale:

Mark in points	Evaluation on a national scale	Evaluation on the ECTS scale	
		Mark	Explanation
170-200	Perfectly	A	Perfectly (excellent performance with only minor errors)
155-169	Fine	B	Very good (above average with few mistakes)
140-154		C	Fine (generally correct performance with a certain number of significant mistakes)
125-139	Satisfactorily	D	Satisfactorily (not bad, but with a significant number of shortcomings)

111-124		E	Enough (performance meets minimum criteria)
60-110	Unsatisfactorily	FX	Unsatisfactorily (with the possibility of re-examination)
1-59		F	Unsatisfactorily (with mandatory repeated study of the discipline)

The regulations for the final control with a list of questions are discussed and approved at the methodical meeting of the department, Central Committee of the relevant disciplines, approved by the vice-rector for scientific, pedagogical and educational work and made public before the start of studies (website, stand, introduction at the first lecture or practical session).

When receiving an unsatisfactory grade in a discipline within the range of 60-110 points (FX), the student has the right to retake it 2 times: once - by the cathedral commission with the participation of the head of the department, and the last time - by the commission with the participation of the head of the department and the dean.

When receiving an unsatisfactory grade in a discipline within the range of 1-59 points (F), the student is obliged to re-study it in extracurricular time on a paid basis.

Final control (FC) is a form of final control of identifying the skills and knowledge formed by the student in a separate academic discipline for the entire period of studying the discipline, which is carried out after the end of the study of the discipline in the **last lesson**. When assigning a grade for a discipline, the number of points accumulated by the student for the current educational activity **(maximum number of points 80)** and the result of passing the FC in points **(maximum number of points 120)** are taken into account. **The student completes the FC**

with the number of points he has accumulated during the current study. The form of the final control and the type of tasks are determined by the educational (work) program of the discipline and the regulations of the department. Enrollment of credit for the studied discipline is carried out under the condition of accumulation of the total number of points received by the student, which must not be less than the minimum, which is determined by the working training program for the discipline and corresponds to the minimum value of the grade E, and therefore, it is 111 points.

• **Admission to the exam and FC - on the condition of 75% attendance at classroom classes, including lectures. Admission in ballroom is not established.**

• **The student's ability to pass exams and tests in a specific discipline is not affected by the results of other disciplines.**

The procedure for drawing up the results of the final discipline control.

The results of the study of the discipline are drawn up in the assessment and examination list, which is returned to the dean's office no later than the day after the completion of the discipline.

The teacher makes the following entries in the credit and examination information opposite the name of a particular student:

When taking the exam and PC - in column 4 "**Points for current study**" the sum of accumulated points for current study is displayed from 0 to 80 points; in column 5 "**Points for the final control**" - points for the final control up to 120 points; in column 6 "**Sum of points of current and final control**" - the sum of points on a 200-point scale; in column 7 "**National assessment**" - according to the state scale - "2", "3", "4", "5" and in column 8 "**ECTS**" according to the ECTS scale - A, B, C, D, E, FX, F.

NB! In column 5 "Points for final control" put "Not admitted" if the student attended less than 75% of classroom training classes in the discipline; in column 7 "National evaluation" - not put. Also, in column 5 "Points for the

final control" is written "Did not appear" - if the student was admitted to take the final control, but did not appear for the control.

The procedure for calculating points in the discipline.

During the evaluation of mastering of each topic of the module, the student is given grades on a 4-point (traditional) scale and on a multi-point scale using accepted and approved evaluation criteria for the relevant discipline. At the same time, all types of work provided by methodical development for studying the topic are taken into account. The student must receive a grade in each topic. Estimates given on a traditional scale are converted into points.

Two conversion approaches are possible.

1 Approach. *Conversion into points for each session.*

Grades given on a traditional scale are converted into points depending on the number of topics in the module. Here is an example:

The number of points corresponding to the grade "5" is calculated by dividing the maximum number of points for the current educational activity, namely 80 (for credits of 200) by the number of practical (seminar) classes. To calculate the grade "3", the number of points is calculated, which is 60% of the maximum number of points for the current educational activity, i.e. 48-50 points (120 points for credits), which is divided by the number of practical (seminar) classes.

Conversion into points

Traditional scale	***Estimated number of topics in the module***							
	35	30	25	20	15	10	7	5
«5»	2,25	2,5	3	4	5	8	11,43	16
«4»	1,75	2	2,5	3	4	6,5	9,15	13
«3»	1,25	1,5	2	2	3	5	6,86	10
«2»	000	0	0	0	0	0	0	0

The value of each topic within the same module in points should be the same.

Forms of assessment of current educational activities should be standardized and include control of theoretical and practical training.

The final score for the current activity is recognized as the arithmetic sum of the points for each session.

2 Approach. Recalculation into points before the final control (or at the last lesson for disciplines whose form of control is credit).

Before conducting the final form of control (exam, PC, PMK) on the basis of the grades on the traditional scale given during the study of the module (for each lesson), the arithmetic average of the grades on the traditional scale, rounded to 2 (two) decimal places, is calculated. which is divided by the maximum traditional grade, i.e. "5", and multiplied by the maximum score for the current educational activity, i.e. 80 (for diff. credit and credit 200).

Example:

Scale	200 points
Disciplines ending with an exam, FC, FMK	$\frac{\text{arithmetic average x80}}{5}$

Or the sum (S) of grades is calculated using a traditional scale, which is divided by the maximum traditional grade, namely "5" multiplied by the number (N) of classes, the resulting number is multiplied by the maximum score for the current educational activity, namely 80 (for a differential credit and a credit of 200).

Example:

Scale	200 points
Disciplines ending with an exam, FC, FMK	$\frac{S \text{ x } 80}{5 \text{ x N classes}}$

Register of enrolled notes on the discipline

Discipline_____

№ in order	Full name student	Group, course, faculty	Pass date	Enrollment date	lecturer	Control Chief department

Regulations for conducting final control " General practice (family medicine), including professional practice as a doctor at primary care facility"

Final control is carried out upon completion of the study program "General practice (family medicine), including professional practice as a doctor at primary care facility" and is held at the last lesson.

Students are admitted to the final control of the discipline if they attend at least 75% of classroom classes with the entire accumulated amount of points during the study of the discipline. Admission in terms of points is not established.

The maximum number of points that a student can score when taking the final test is 120 points. The final control consists of three main parts:

Theoretical questions (see the list of theoretical questions below).

Presentation of the individual Outpatient Curation Program.

Test control (situational problems).

The first part of the final control

At this stage, each student receives 2 theoretical questions - 20 minutes are allotted for the answer. The maximum assessment of the stage is 10 points for each question, evaluated by points - completed - 10 points, incompletely completed - 5 points, and not completed - 0 points. The points are entered in the corresponding part of the individual protocols for conducting and evaluating the final control.

The second part of the final control

Before the day of the final control, the teacher checks in advance the Outpatient Curation Program provided by each student. On the day of the final control, the

teacher sends each student several questions about his work. The response time is 40 minutes. The maximum score for this FC stage is "60 points" - the work was completed in accordance with the requirements, in full, with correct, accurate answers;

"45 points" - the work was completed in accordance with the requirements, in full with some inaccuracies in the work and in the answers to questions;

"30 points" - the work was performed with certain inaccuracies in the work and in the answers to questions;

"0 points" - work performed with significant errors and incorrect answers to questions;

The third part of the final control

The test control includes 10 test tasks, each of which is a specific clinical situation, a question for it and 5 answer options, from which you must choose 1 correct one. Test questions control knowledge of etiology, pathogenesis, clinical manifestations, diagnosis, differential diagnosis, treatment, prevention and prognosis of diseases and reflect the curriculum in the discipline "General practice (family medicine), including professional practice as a doctor at primary care facility" in the 6th year. The duration of the test is 30 minutes. The maximum score of the third stage of FC is 40 points (4 points for each test task). "4 points" - for a correct answer to one test task, "0 points" for an incorrectly solved test task.

The total score for completing the final modul control is defined as the sum of the points of all the components of the final control.

13. METHODOLOGICAL SUPPORT

Educational and methodological materials: textbooks, manuals, handbooks, methodological recommendations, algorithms (protocols of examinations, diagnoses, treatment, in accordance with the standards of evidence-based

medicine), algorithms for acquiring practical skills, test tasks, situational problems, written survey, results of instrumental and laboratory research, electronic directories. Equipment, dummies, computers with relevant information support, phantoms, etc. Algorithms for the formation of professional skills. Workbooks.

14. LIST OF QUESTIONS FOR THE FINAL CONTROL

1. Subject and tasks of general medicine (family medicine). History of development. Main directions of development.
2. Modern ideas about the structure of primary care. Family doctor's office.
3. Features of the work of a family doctor. The main competencies of a family doctor and the principles of family medicine, approved by the international association of family doctors - the WONCA tree.
4. ICPC-2 international classification of requests for medical assistance.
5. Principles of family service, features of remote counseling
6. Legislative framework on issues of temporary and permanent disability. Rules for issuing e-mails certifying temporary incapacity for work.
7. Deontology and ethics of the family doctor's relationship with the patient and family.
8. Algorithm for managing a patient with a coronavirus disease according to modern international recommendations.
9. Indications for hospitalization of patients with acute respiratory syndrome. Conditions for treating patients at home. Family and insurance medicine in Ukraine.
10. Organization of quality control for various types of insurance.
11. The structure of the insurance policy in primary care.
12. Implementation of telemedicine in the practice of a family doctor.
13. Screening method in family medicine.
14. Main principles of evidence-based medicine.

15. Concept of health, intermediate state, disease.

16. Functional clinical syndromes in the practice of a family doctor.

17. General principles of health promotion.

18. Classification and significance of risk factors for chronic non-infectious diseases.

19. Modern views on the prevention of chronic non-infectious diseases.

20. Indications and contraindications for managing patients in outpatient settings.

Advantages of providing medical care in day hospitals.

22. Indications for the management of patients at home, the organization of a hospital at home.

23. Conducting medical, social and labor examination in outpatient conditions.

24. Algorithm of activity of a family doctor in COPD.

25. Algorithm of activities of a family doctor in BA.

26. Algorithm of activity of a family doctor in chronic pyelonephritis

27. Algorithm of activity of a family doctor in chronic glomerulonephritis.

28. Algorithm of activity of a family doctor in CKD.

29. Algorithm of a family doctor's activity in diabetes mellitus types 1 and 2.

30. Algorithm of a family doctor's activity in thyroid diseases.

31. Algorithm of activity of a family doctor in case of anemia.

32. Algorithm of the family doctor's activity in the main diseases of the gastrointestinal tract: esophagitis, gastritis.

33. Algorithm of the family doctor's activity in the main diseases of the gastrointestinal tract: peptic ulcer disease, peptic ulcer disease.

34. A differentiated approach to the treatment of diarrhea and constipation in outpatient settings.

35. Causes of sudden death.

36. Providing assistance in case of cardiac arrest at the pre-hospital stage.

37. Providing assistance in case of primary cessation of external breathing function.

38. Providing assistance with acute coronary syndrome at the pre-hospital stage.

39. Classification by court.

40. Peculiarities of providing care for generalized and local convulsions at the pre-hospital stage.

41. Causes of loss of consciousness.

42. Provision of emergency aid in case of loss of consciousness at the pre-hospital stage. Examination of the patient after loss of consciousness. The logic of the diagnostic search. VLS, ALS protocols

43. Provision of emergency care for rhythm disturbances at the pre-hospital stage.

44. Provision of emergency care at the pre-hospital stage for asthmatic status.

45. What is clinical reasoning? Models of clinical reasoning. The process of clinical reasoning.

46. Biases and cognitive errors. How to avoid them.

15. RECOMMENDED LITERATURE

Basic

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2. Бабінець Л.С., Ждан В.М., Михайловська Н.С. та ін. Первинна медична допомога: посібник: у 2 т. / за ред. Л.С. Бабінець. Львів: Магнолія 2006; 2026. Т. 1: Загальні положення, внутрішні хвороби у загальній лікарській практиці. 580 с.
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Auxillary

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9. Development of a list of core clinical topics suitable for a shared primary care curriculum for medical undergraduates: a Delphi study. Education for Primary Care. 2022;33(5):258–264. doi:10.1080/14739879.2022.2077144

13. Information resources

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3. http://www.globalfamilydoctor.com/
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7. https://empendium.com/ua
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9. Джерела клінічних настанов Шлях доступу https://moz.gov.ua/article/protocols/test3https://moz.gov.ua/article/protocols/test3
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11. American College of Cardiology http://www.acc.org/
12. American Heart Association http://news.heart.org/
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14. National Comprehensive Cancer Network https://www.nccn.org/
15. The European Society for Medical Oncology http://www.esmo.org/
16. Up To Date http://www.uptodate.com
17. BMJ Clinical Evidence http://clinicalevidence.bmj.com
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19. National Guideline Clearinghouse https://www.guideline.gov/
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21. The Cochrane Collaboration The Cochrane Library http://www.cochrane.org/
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