

Документ подписан простой электронной подписью

Информация о владельце:

ФИО: Кубанов Сергей Исмаилович

Должность: и.о. декана медико-биологического факультета

Дата подписания: 20.10.2026 10:13:16

Уникальный программный ключ:

bbc0243907972fc80f279c67afb4501106151a7d

MINISTRY OF SCIENCE AND HIGHER EDUCATION

RUSSIAN FEDERATION

Federal State Autonomous Educational Institution of Higher Education

NORTH-CAUCASUS FEDERAL UNIVERSITY

APPROVED

Assoc. Prof. Kubanov S.I.

PhD in Medical Sciences

Dean

Faculty of Medicine and Biology

FUND OF ASSESSMENT TOOLS

for the production practice "General Medical Practice"

- Specialty: 31.05.01 General Medicine
- Mode of training: Full-time
- Year of commencement of studies: 2026
- Delivered in Semester 12

Introduction

1. The Assessment Tools Fund is designed for conducting ongoing monitoring and interim certification in the practical training of therapeutic profile for students of specialty 31.05.01 General Medicine.

2. The ATF is an appendix to the program of the practical training «General Medical Practice»

3. Developer: G.S. Ivchenko, Acting Head of the Department of Propaedeutics of Internal Diseases.

4. An expert review of the ATF has been conducted.

Members of the expert group:

Chairperson: Cand. Sci. (Biol.) T.A. Pakhomova, Chairperson of the Educational and Methodological Commission of the Faculty of Medicine and Biology

Members of the commission: S.M. Kotelevets, Professor of the Department of Propaedeutics of Internal Diseases; Cand. Sci. (Biol.), Associate Professor E.V. Denisova, Acting Deputy Dean for Academic Affairs of the Faculty of Medicine and Biology;

Representative of the employer organization: I.L. Vilensky, Chief Physician of "Nezavisimaya KDL" LLC.

Expert opinion — the ATF allows assessing the level of competency formation and is recommended for use in the educational process.

5. The validity period of the ATF is determined by the period of implementation of the educational program.

1. Description of Evaluation Criteria at Various Stages of Their Formation, Description of Evaluation Scales

Levels of competency(ies), indicator(s)	Descriptors			
	Minimum level not reached (Unsatisfactory) – 2 points	Minimum level (Satisfactory) – 3 points	Intermediate level (Good) – 4 points	High level (Excellent) – 5 points
Competency: UC-1				
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Indicator: ID-1 UC-1 identifies a problem situation, carries out its analysis and diagnosis based on a systems approach	Does not identify a problem situation	Identifies a problem situation	Identifies a problem situation, carries out its analysis	Identifies a problem situation, carries out its analysis and diagnosis based on a systems approach
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Indicator: ID-2 UC-1 carries out the search, selection, and systematization of information to determine alternative options for strategic decisions in a problem situation;	Does not carry out the search, selection, and systematization of information	Carries out the search, selection, and systematization of information	Carries out the search, selection, and systematization of information to determine alternative options	Carries out the search, selection, and systematization of information to determine alternative options for strategic decisions in a problem situation
Learning outcomes for the discipline (module): Raising a comprehensively	Does not determine the risks of possible options for solving a problem situation	Determines the risks of possible options for solving a problem situation	Determines and assesses the risks of possible options for solving a problem situation	Determines and assesses the risks of possible options for solving a problem

developed personality. Indicator: ID-3 UC-1 determines and assesses the risks of possible options for solving a problem situation, and selects the optimal variant for its solution.				situation, and selects the optimal variant for its solution
Competency: UC-2				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 UC-2 formulates the goal of the project, determines a set of interrelated tasks ensuring its achievement, and determines the expected results of solving the tasks	Does not define the goal of the project, does not determine a set of interrelated tasks.	Defines the goal of the project, determines a set of interrelated tasks	Defines the goal of the project, determines a set of interrelated tasks ensuring its achievement	Defines the goal of the project, determines a set of interrelated tasks ensuring its achievement, and determines the expected results of solving the tasks
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 UC-2 develops an action plan for solving project tasks, choosing the optimal way to solve them, based	Does not develop an action plan for solving project tasks	Develops an action plan for solving project tasks	Develops an action plan for solving project tasks, choosing the optimal way to solve them	Develops an action plan for solving project tasks, choosing the optimal way to solve them, based on current legal norms and available resources and constraints

on current legal norms and available resources and constraints				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-3 UC-2 ensures project execution in accordance with the established goals, deadlines, and costs, based on current legal norms, available resources, and constraints, including using digital tools	Does not ensure project execution	Ensures project execution in accordance with the established goals, deadlines, and costs	Ensures project execution in accordance with the established goals, deadlines, and costs, based on current legal norms, available resources, and constraints	Ensures project execution in accordance with the established goals, deadlines, and costs, based on current legal norms, available resources, and constraints, including using digital tools
Competency: UC-3				
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Indicator: ID-1 UC-3 participates in interpersonal and group interaction, using an inclusive approach,	Does not join interpersonal and group interaction	Joins interpersonal and group interaction, using an inclusive approach	Joins interpersonal and group interaction, using an inclusive approach, effective communication, methods of team building and team interaction	Joins interpersonal and group interaction, using an inclusive approach, effective communication, methods of team building and team interaction when working jointly within the framework of the set task

effective communication, methods of team building and team interaction when working jointly within the framework of the set task				
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Indicator: ID-2 UC-3 ensures team work to obtain optimal results of joint work, taking into account the individual capabilities of its members, using success methodologies, methods, information technologies, and foresight technologies	Does not ensure team work to obtain optimal results	Ensures team work to obtain optimal results of joint work	Ensures team work to obtain optimal results of joint work, taking into account the individual capabilities of its members	Ensures team work to obtain optimal results of joint work, taking into account the individual capabilities of its members, using success methodologies, methods, information technologies, and foresight technologies
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Readiness to act in non-standard situations, to	Does not ensure the execution of the tasks set	Ensures the execution of the tasks set	Ensures the execution of the tasks set based on monitoring team work	Ensures the execution of the tasks set based on monitoring team work and timely response to significant deviations

choose methods of protection in emergency situations. Indicator: ID-3 UC-3 ensures the execution of the tasks set based on monitoring team work and timely response to significant deviations				
Competency: UC-4				
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Indicator: ID-1 UC-4 Selects an acceptable style of business communication in the official state language(s) and foreign language(s), verbal and non-verbal means of interaction with partners in verbal and written forms	Does not select an acceptable style of business communication	Selects an acceptable style of business communication in the official state language(s) and foreign language(s)	Selects an acceptable style of business communication in the official state language(s) and foreign language(s), verbal and non-verbal means	Selects an acceptable style of business communication in the official state language(s) and foreign language(s), verbal and non-verbal means of interaction with partners in verbal and written forms
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Indicator: ID-2 UC-4 uses information and communication technologies to increase the efficiency of professional	Does not use information and communication technologies	Uses information and communication technologies to increase efficiency	Uses information and communication technologies to increase the efficiency of professional interaction	Uses information and communication technologies to increase the efficiency of professional interaction, and to search for necessary information in the process of solving standard communicativ

interaction, and to search for necessary information in the process of solving standard communicative tasks in the official state language(s) and foreign language(s).				e tasks in the official state language(s) and foreign language(s)
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Indicator: ID-3 UC-4 assesses the effectiveness of applied communication technologies in professional interaction in the official state language(s) and foreign language(s), and makes the selection of the optimal ones.	Does not assess the effectiveness of applied communication technologies	Assesses the effectiveness of applied communication technologies	Assesses the effectiveness of applied communication technologies in professional interaction in the official state language(s) and foreign language(s)	Assesses the effectiveness of applied communication technologies in professional interaction in the official state language(s) and foreign language(s), and makes the selection of the optimal ones
Competency: UC-5				
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Readiness for communication in verbal and written forms. Indicator: ID-1 UC-5 Selects methods of constructive	Does not select methods of constructive interaction with people, taking into account their socio-cultural characteristics	Selects methods of constructive interaction with people, taking into account their socio-cultural characteristics	Selects methods of constructive interaction with people, taking into account their socio-cultural characteristics in order to successfully perform professional tasks	Selects methods of constructive interaction with people, taking into account their socio-cultural characteristics in order to successfully perform professional tasks and strengthen

interaction with people, taking into account their socio-cultural characteristics in order to successfully perform professional tasks and strengthen social integration				social integration
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Readiness for communication in verbal and written forms. Indicator: ID-2 UC-5 demonstrates a respectful attitude towards the historical heritage and socio-cultural traditions of various social groups, based on knowledge of the stages of historical development of Russia (including key events, major historical figures) in the context of world history and a number of cultural traditions of the world (depending on the environment and educational tasks), including world religions, philosophical, and ethical teachings.	Does not demonstrate a respectful attitude towards the historical heritage and socio-cultural traditions of various social groups, based on knowledge of the stages of historical development of Russia	Demonstrates a respectful attitude towards the historical heritage and socio-cultural traditions of various social groups, based on knowledge of the stages of historical development of Russia	Demonstrates a respectful attitude towards the historical heritage and socio-cultural traditions of various social groups, based on knowledge of the stages of historical development of Russia (including key events, major historical figures) in the context of world history and a number of cultural traditions of the world (depending on the environment and educational tasks)	Demonstrates a respectful attitude towards the historical heritage and socio-cultural traditions of various social groups, based on knowledge of the stages of historical development of Russia (including key events, major historical figures) in the context of world history and a number of cultural traditions of the world (depending on the environment and educational tasks), including world religions, philosophical, and ethical teachings

Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Readiness for communication in verbal and written forms. Indicator: ID-3 UC-5 analyzes various socio-cultural trends, facts, and phenomena on the basis of a holistic view of the foundations of the universe and prospects for its development, understands the relationships between the diversity of worldviews and the course of the development of history, science, human concepts of nature, society, cognition, and oneself	Does not analyze various socio-cultural trends	Analyzes various socio-cultural trends, facts, and phenomena	Analyzes various socio-cultural trends, facts, and phenomena on the basis of a holistic view of the foundations of the universe and prospects for its development	Analyzes various socio-cultural trends, facts, and phenomena on the basis of a holistic view of the foundations of the universe and prospects for its development, understands the relationships between the diversity of worldviews and the course of the development of history, science, human concepts of nature, society, cognition, and oneself
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Readiness for communication in verbal and written forms. ID-4 UC-5 Demonstrates a tolerant perception of	Does not realize modern Russian statehood and the actual political structure of the country	Realizes modern Russian statehood and the actual political structure of the country in a broad cultural-value and historical context, perceives the continuous nature of domestic history and the	Realizes modern Russian statehood and the actual political structure of the country in a broad cultural-value and historical context, perceives the continuous nature of domestic history and the multinational, civilizational vector of its development;	Realizes modern Russian statehood and the actual political structure of the country in a broad cultural-value and historical context, perceives the continuous nature of domestic

social and cultural differences, and a respectful and careful attitude towards historical heritage and cultural traditions		multinational, civilizational vector of its development	perceives and shares a mature sense of citizenship and patriotism, feels their belonging to Russian civilization and Russian society	history and the multinational, civilizational vector of its development; perceives and shares a mature sense of citizenship and patriotism, feels their belonging to Russian civilization and Russian society, perceives their personal development through the prism of the public good and moral and ethical guideposts relevant to a person
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Readiness for communication in verbal and written forms. ID-5 UC-5 Finds and uses information about cultural features and traditions of various social groups necessary for self-development and interaction with other people	Does not realize the significance of their civic participation and prospects for their self-realization in socio-political life	Joins the development and improvement of the political structure of their Motherland, accepts and shares responsibility for what is happening in the country, realizes the significance of their civic participation and prospects for their self-realization in socio-political life	Joins the development and improvement of the political structure of their Motherland, accepts and shares responsibility for what is happening in the country, realizes the significance of their civic participation and prospects for their self-realization in socio-political life; develops the skill of critical thinking and independent judgment	Joins the development and improvement of the political structure of their Motherland, accepts and shares responsibility for what is happening in the country, realizes the significance of their civic participation and prospects for their self-realization in socio-political life; develops the skill of critical

				thinking and independent judgment, allowing them to improve their academic and research competencies even in relation to resonant and suggestive problems and challenges
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Readiness for communication in verbal and written forms. ID-6 UC-5 Manifests in their behavior a respectful attitude towards the historical heritage and socio-cultural traditions of various social groups, based on knowledge of the stages of historical development of Russia in the context of world history and cultural traditions of the world	Not capable of an objective and complete analysis of incoming socio-political information	Shapes the ability for a careful, objective, and complete analysis of incoming socio-political information	Shapes the ability for a careful, objective, and complete analysis of incoming socio-political information, the skill to check various opinions, positions, and statements for reliability, consistency, and conventionality	Shapes the ability for a careful, objective, and complete analysis of incoming socio-political information, the skill to check various opinions, positions, and statements for reliability, consistency, and conventionality; improves their skills of personal and mass communication, develops the capacity for compromise and dialogue, and respectful acceptance of national, religious, cultural, and worldview characteristics of various peoples and communities
Learning outcomes for the	Does not possess key information	Confidently possesses key	Confidently possesses key	Confidently possesses key

discipline (module): Raising a comprehensively developed personality. Readiness for communication in verbal and written forms. ID-7 UC-5 Consciously chooses value guideposts and a civic position; discuss and solves problems of a worldview, social, and personal nature with reasoned arguments.	about the political structure of their country, region, and locality	information about the political structure of their country, region, and locality, forms competencies of conscious historical perception and political analysis	information about the political structure of their country, region, and locality, forms competencies of conscious historical perception and political analysis; forms the ability to aggregate and articulate an active civic and political position	information about the political structure of their country, region, and locality, forms competencies of conscious historical perception and political analysis; forms the ability to aggregate and articulate an active civic and political position, and develops a value-significant skill of involvement in public life and active concern (empathy) for the key problems of their community and Motherland
Competency: UC-6				
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Indicator: ID-1 UC-6 establishes personal and professional goals in accordance with the level of their resources and action priorities, for successful	Does not set personal and professional goals	Sets personal and professional goals	Sets personal and professional goals in accordance with the level of their resources and action priorities	Sets personal and professional goals in accordance with the level of their resources and action priorities, for successful development in the chosen field of professional activity

development in the chosen field of professional activity.				
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Indicator: ID-2 UC-6 implements and adjusts a personal and professional development strategy, taking into account conditions, means, personal capabilities, career growth stages, time perspective of activity development, and labor market requirements.	Does not implement and does not adjust a personal and professional development strategy	Implements and adjusts a personal and professional development strategy	Implements and adjusts a personal and professional development strategy, taking into account conditions, means, and personal capabilities	Implements and adjusts a personal and professional development strategy, taking into account conditions, means, personal capabilities, career growth stages, time perspective of activity development, and labor market requirements
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Indicator: ID-3 UC-6 critically assesses the efficiency of using time and other resources when solving the tasks set in the chosen field of professional activity.	Does not assess the efficiency of using time and other resources	Critically assesses the efficiency of using time and other resources	Critically assesses the efficiency of using time and other resources when solving the tasks set	Critically assesses the efficiency of using time and other resources when solving the tasks set in the chosen field of professional activity
Competency: UC-7				
Learning outcomes for the	Does not select health-saving	Selects health-saving	Selects health-saving	Selects health-saving

discipline (module): Raising a comprehensively developed personality. Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Indicator: ID-1 UC-7 selects health-saving technologies to ensure full social and professional activity, taking into account the physiological characteristics of the organism and living conditions.	technologies to ensure full social and professional activity	technologies to ensure full social and professional activity	technologies to ensure full social and professional activity, taking into account the physiological characteristics of the organism	technologies to ensure full social and professional activity, taking into account the physiological characteristics of the organism and living conditions
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Indicator: ID-2 UC-7 plans their working and free time for an optimal combination of physical and mental load and ensuring work capacity in professional activity.	Does not plan their working and free time	Plans their working and free time	Plans their working and free time for an optimal combination of physical and mental load	Plans their working and free time for an optimal combination of physical and mental load and ensuring work capacity in professional activity

Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Indicator: ID-3 UC-7 maintains the proper level of physical fitness to ensure full social and professional activity and complies with the norms of a healthy lifestyle.	Does not maintain the proper level of physical fitness	Maintains the proper level of physical fitness	Maintains the proper level of physical fitness to ensure full social and professional activity	Maintains the proper level of physical fitness to ensure full social and professional activity and complies with the norms of a healthy lifestyle
Competency: UC-8				
Learning outcomes for the discipline (module): Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Indicator: ID-1 UC-8 is familiar with the general characteristics of ensuring safety and sustainable development in various spheres of life; the classification of military emergencies, principles, and methods of organizing	Not familiar with the general characteristics of ensuring safety and sustainable development in various spheres of life	Familiar with the general characteristics of ensuring safety and sustainable development in various spheres of life	Familiar with the general characteristics of ensuring safety and sustainable development in various spheres of life; the classification of military emergencies	Familiar with the general characteristics of ensuring safety and sustainable development in various spheres of life; the classification of military emergencies, principles, and methods of organizing population protection from dangers arising in peacetime and during warfare

population protection from dangers arising in peacetime and during warfare.				
Learning outcomes for the discipline (module): Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Indicator: ID-2 UC-8 assesses the probability of potential danger occurrence in everyday life and professional activity and takes measures for its prevention	Does not assess the probability of potential danger occurrence	Assesses the probability of potential danger occurrence	Assesses the probability of potential danger occurrence in everyday life and professional activity	Assesses the probability of potential danger occurrence in everyday life and professional activity and takes measures for its prevention
Learning outcomes for the discipline (module): Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Indicator: ID-3 UC-8 uses basic methods of protection during threats and occurrence of emergencies and military conflicts in everyday life and professional activity.	Does not use basic methods of protection during threats and occurrence of emergencies	Uses basic methods of protection during threats and occurrence of emergencies	Uses basic methods of protection during threats and occurrence of emergencies and military conflicts	Uses basic methods of protection during threats and occurrence of emergencies and military conflicts in everyday life and professional activity
Competency: UC-9				
Learning outcomes for the discipline	Does not operate with the concepts of	Operates with the concepts of inclusive	Operates with the concepts of inclusive	Operates with the concepts of inclusive

(module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 UC-9 operates with the concepts of inclusive competency, its components, and structure; understands the features of applying basic defectological knowledge in social and professional spheres.	inclusive competency, its components, and structure	competency, its components, and structure	competency, its components, and structure; understands the features of applying basic defectological knowledge	competency, its components, and structure; understands the features of applying basic defectological knowledge in social and professional spheres
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 UC-9 applies basic defectological knowledge in social and professional spheres when interacting with persons with disabilities and	Does not apply basic defectological knowledge	Applies basic defectological knowledge	Applies basic defectological knowledge in social and professional spheres	Applies basic defectological knowledge in social and professional spheres when interacting with persons with disabilities and handicapped individuals

handicapped individuals.				
Competency: UC-10				
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 UC-10 understands the basic principles of economic functioning and economic development, goals and forms of state participation in the economy.	Does not understand the basic principles of economic functioning	Understands the basic principles of economic functioning	Understands the basic principles of economic functioning and economic development	Understands the basic principles of economic functioning and economic development, goals and forms of state participation in the economy
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 UC-10 applies methods of personal economic and financial planning to achieve current and long-term financial goals.	Does not apply methods of personal economic and financial planning	Applies methods of personal economic and financial planning	Applies methods of personal economic and financial planning to achieve current financial goals	Applies methods of personal economic and financial planning to achieve current and long-term financial goals

Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-3 UC-10 uses financial instruments to manage personal finances, controls own economic and financial risks	Does not use financial instruments	Employs financial instruments	Employs financial instruments to manage personal finances	Employs financial instruments to manage personal finances, controls own economic and financial risks
Competency: UC-11				
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Indicator: ID-1 UC-11 is familiar with current legal norms ensuring the fight against corruption in various spheres of life, with methods for corruption prevention and the development of an intolerant attitude towards it.	Not familiar with current legal norms ensuring the fight against corruption in various spheres of life	Familiar with current legal norms ensuring the fight against corruption in various spheres of life	Familiar with current legal norms ensuring the fight against corruption in various spheres of life, with methods for corruption prevention	Familiar with current legal norms ensuring the fight against corruption in various spheres of life, with methods for corruption prevention and the development of an intolerant attitude towards it
Learning outcomes for the discipline (module): Raising a comprehensively developed personality.	Does not prevent corruption risks in professional activity	Prevents corruption risks in professional activity	Prevents corruption risks in professional activity; excludes interference in their professional activity	Prevents corruption risks in professional activity; excludes interference in their

Indicator: ID-2 UC-11 prevents corruption risks in professional activity; excludes interference in their professional activity in cases of inducement to commit corruption offenses.				professional activity in cases of inducement to commit corruption offenses
Learning outcomes for the discipline (module): Raising a comprehensively developed personality. Indicator: ID-3 UC-11 interacts in society on the basis of an intolerant attitude towards corruption	Does not interact in society on the basis of an intolerant attitude towards corruption			Interacts in society on the basis of an intolerant attitude towards corruption
Competency: GPC-1				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 GPC-1 Uses the basic norms of medical law	Does not use	Uses	Uses the basic norms	Uses the basic norms of medical law
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare.	Does not apply ethical principles in practice	Applies ethical principles in practice	Applies ethical and deontological principles in practice	Applies ethical and deontological principles in practice, uses knowledge of the history of medicine

Indicator: ID-2 GPC-1 Applies ethical and deontological principles in practice, uses knowledge of the history of medicine.				
Competency: GPC-2				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 GPC-2 Uses various techniques and methods to disseminate knowledge about a healthy lifestyle and sanitary-hygienic education of the population.	Does not employ various techniques and methods	Employs various techniques and methods	Employs various techniques and methods to disseminate knowledge about a healthy lifestyle	Employs various techniques and methods to spread knowledge about a healthy lifestyle and sanitary-hygienic education of the population
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 GPC-2 Demonstrates the ability to identify priority problems and risks to the health of the patient (population)	Does not demonstrate the ability	Demonstrates the ability	Demonstrates the ability to identify priority problems	Demonstrates the ability to identify priority problems and risks to the health of the patient (population)

Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-3 GPC-2 Develops and participates in conducting preventive measures with the aim of increasing the health level and preventing diseases of the patient (population).	Neither develops nor joins the implementation of preventive measures	Develops and joins the implementation of preventive measures	Develops and joins the implementation of preventive measures with the aim of increasing the health level	Develops and joins the implementation of preventive measures aiming to increase the health level and prevent diseases affecting the patient (population)
Competency: GPC-3				
Learning outcomes for the discipline (module): Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Indicator: ID-1 GPC-3 Demonstrates the capacity to counteract the use of doping and fight against it.	Does not demonstrate the capacity to counteract	Demonstrates the capacity to counteract	Demonstrates the capacity to counteract the use of doping	Demonstrates the capacity to counteract the use of doping and fight against it
Learning outcomes for the discipline (module): Readiness to act in non-standard situations, to choose methods of protection in emergency situations.	Does not use main legal acts	Uses main legal acts	Uses main legal acts on counteracting	Uses main legal acts on counteracting the use of doping in sports

Indicator: ID-2 GPC-3 Uses main legal acts on counteracting the use of doping in sports				
Learning outcomes for the discipline (module): Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Indicator: ID-3 UC-4 assesses the effectiveness of applied communication technologies in professional interaction in the official state language(s) and foreign language(s), and makes the selection of the optimal ones.	Does not assess the effectiveness of applied communication technologies	Assesses the effectiveness of applied communication technologies	Assesses the effectiveness of applied communication technologies in professional interaction in the official state language(s) and foreign language(s)	Assesses the effectiveness of applied communication technologies in professional interaction in the official state language(s) and foreign language(s), and makes the selection of the optimal ones
Competency: GPC-4				
Learning outcomes for the discipline (module): Development of clinical thinking. Indicator: ID-1 GPC-4 Applies medical technologies, medical devices, medicinal drugs, disinfectants, and their combinations when solving professional tasks	Does not apply medical technologies	Applies medical technologies	Applies medical technologies, medical devices, medicinal drugs	Applies medical technologies, medical devices, medicinal drugs, disinfectants, and their combinations when solving professional tasks
Learning outcomes for the	Applies diagnostic	Applies diagnostic	Applies diagnostic	Applies diagnostic

discipline (module): Development of clinical thinking. Indicator: ID-2 GPC-4 Applies diagnostic instrumental examination methods with the aim of establishing a diagnosis	instrumental methods	instrumental methods	instrumental examination methods	instrumental examination methods with the aim of establishing a diagnosis
Competency: GPC-5				
Learning outcomes for the discipline (module): Development of clinical thinking. Indicator: ID-1 GPC-5 Assesses morphofunctional and physiological states and processes in the human body at individual, group, and population levels to solve professional tasks.	Does not assess morphofunctional and physiological states	Assesses morphofunctional and physiological states	Assesses morphofunctional and physiological states and processes in the human body at individual, group, and population levels	Assesses morphofunctional and physiological states and processes in the human body at individual, group, and population levels to solve professional tasks
Learning outcomes for the discipline (module): Development of clinical thinking. Indicator: ID-2 GPC-5 Identifies pathological states and processes in the human body to solve professional tasks	Does not identify pathological states	Identifies pathological states	Identifies pathological states and processes in the human body	Identifies pathological states and processes in the human body to solve professional tasks
Competency: GPC-6				
Learning outcomes for the discipline (module): Readiness to act in non-standard	Not capable of making arrangements	Capable making arrangements	Capable of arranging care	Capable of arranging patient care

situations, to choose methods of protection in emergency situations. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 GPC-6 Is capable of organizing patient care				
Learning outcomes for the discipline (module): Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 GPC-6 Provides primary health care	Does not provide care	Provides care	Provides primary care	Provides primary health care
Indicator: ID-3 GPC-6 Is capable of making professional decisions in emergency conditions at the pre-hospital stage, in conditions of emergencies, epidemics, and in centers of mass destruction	Not capable of making professional decisions	Capable of making professional decisions	Capable of making professional decisions in emergency conditions at the pre-hospital stage, in conditions of emergencies, epidemics, and in centers of mass destruction	Capable of making professional decisions in emergency conditions at the pre-hospital stage, in conditions of emergencies, epidemics, and in centers of mass destruction
Competency: GPC-7				

Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 GPC-7 Applies knowledge about medicinal drugs to prescribe treatment	Does not apply knowledge	Applies knowledge	Applies knowledge about medicinal drugs	Applies knowledge about medicinal drugs to prescribe treatment
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 GPC-7 Is capable of monitoring the efficacy and safety of the prescribed treatment	Not capable of monitoring	Capable of monitoring	Capable of monitoring efficacy and safety	Capable of monitoring efficacy and safety of the prescribed treatment
Competency: GPC-8				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 GPC-8 Compiles an individual plan of rehabilitation care together with the patient and family	Does not design an individual plan	Designs an individual plan	Designs an individual plan of rehabilitation care	Designs an individual plan of rehabilitation care together with the patient and family

Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 GPC-8 Monitors the effectiveness of medical rehabilitation of the patient, including during the implementation of individual programs for patient rehabilitation	Does not monitor the effectiveness of medical rehabilitation	Monitors the effectiveness of medical rehabilitation	Monitors the effectiveness of the patient's medical rehabilitation, including during the implementation of individual programs	Monitors the effectiveness of the patient's medical rehabilitation, including during the implementation of individual programs for patient rehabilitation
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-3 GPC-8 Organizes the workspace and a safe hospital environment, trains the family in adapting the residential premises to the needs of the patient and disabled person	Does not arrange the workspace and a safe hospital environment	Arranges the workspace and a safe hospital environment	Arranges the workspace and a safe hospital environment, trains the family in adapting the residential premises	Arranges the workspace and a safe hospital environment, trains the family in adapting the residential premises to the needs of the patient and disabled person
Competency: GPC-9				
Learning outcomes for the discipline (module): Acquisition of special medical	Does not apply organizational and management documents	Apply organizational and management documents	Applies organizational, management, and regulatory documentation	Applies organizational, management, and regulatory documentation in their activity

skills and their application in practical healthcare. Readiness for communication in verbal and written forms. Indicator: ID-1 GPC-9 Applies organizational, managerial, and regulatory documentation in their activity				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Readiness for communication in verbal and written forms. Indicator: ID-2 GPC-9 Solves professional tasks using the principles of the quality management system	Does not solve professional tasks	Solves professional tasks	Solves professional tasks using principles	Solves professional tasks using the principles of the quality management system
Competency: GPC-10				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Readiness for communication in verbal and written forms.	Does not carry out documentation work	Carries out documentation work	Carries out documentation work to support professional activity	Carries out documentation work to support professional activity taking into account modern information technologies

Indicator: ID-1 GPC-10 Conducts documentation support of professional activity taking into account modern information technologies				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Readiness for communication in verbal and written forms. Indicator: ID-2 GPC-10 Uses algorithms for solving standard organizational tasks using information technologies in professional activity	Employs algorithms for solving in professional activity	Employs algorithms for solving in professional activity	Employs algorithms for solving standard organizational tasks in professional activity	Employs algorithms for solving standard organizational tasks using information technologies in professional activity
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Readiness for communication in verbal and written forms. Indicator: ID-3 GPC-10 Conducts an	Does not carry out an effective search for information	Carries out an effective search for information	Carries out an effective search for information required to solve tasks of professional activity	Carries out an effective search for information required to solve tasks of professional activity, using legal reference systems and professional databases

effective search for information necessary to solve tasks of professional activity, using legal reference systems and professional databases				
Competency: GPC-11				
Learning outcomes for the discipline (module): Development of clinical thinking. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 GPC-11 Demonstrates the capacity to prepare and apply scientific, research-and-production, project, organizational, managerial, and regulatory documentation in professional activity	Does not demonstrate the capacity	Demonstrates the capacity	Demonstrates the capacity to prepare and apply scientific, research-and-production, project, organizational, management, and regulatory documentation	Demonstrates the capacity to prepare and apply scientific, research-and-production, project, organizational, management, and regulatory documentation in professional activity
Learning outcomes for the discipline (module): Development of clinical thinking. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 GPC-11	Does not demonstrate the skill	Demonstrates the skill	Demonstrates the skill of applying modern techniques for collecting and processing information	Demonstrates the skill of applying modern techniques for collecting and processing information necessary for conducting scientific research

Demonstrates the skill to apply modern techniques for collecting and processing information necessary for conducting scientific research				
Competency: PC-1				
Learning outcomes for the discipline (module): Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 PC-1 Is capable of conducting therapeutic measures when rendering emergency medical care in conditions requiring urgent medical intervention	Not capable of delivering therapeutic measures	Capable of delivering therapeutic measures	Capable of delivering therapeutic measures when offering emergency medical care	Capable of delivering therapeutic measures when offering emergency medical care in conditions requiring urgent medical intervention
Learning outcomes for the discipline (module): Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Acquisition of	Does not know how to identify conditions	Knows how to identify conditions	Knows how to identify conditions requiring medical care	Knows how to identify conditions requiring medical care in an emergency form, including clinical signs of sudden failure of blood circulation and respiration

special medical skills and their application in practical healthcare. Indicator: ID-2 PC-1 Knows how to identify conditions requiring the provision of medical care in an emergency form, including clinical signs of sudden cessation of blood circulation and respiration				
Learning outcomes for the discipline (module): Readiness to act in non-standard situations, to choose methods of protection in emergency situations. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-3 PC-1 Possesses skills for assessing the condition of a patient requiring the provision of medical care in an emergency form, skills for recognizing conditions that pose a threat to the patient's life, including states of clinical death (cessation of vital	Does not possess skills for assessing the patient's condition requiring medical care in an emergency form	Possesses skills for assessing the patient's condition requiring medical care in an emergency form	Possesses skills for assessing the patient's condition requiring medical care in an emergency form, skills for recognizing conditions that pose a threat to the patient's life	Possesses skills for assessing the patient's condition requiring medical care in an emergency form, skills for recognizing conditions that pose a threat to the patient's life, including states of clinical death (failure of vital functions of the human body (blood circulation and/or respiration), requiring medical care in an emergency form

functions of the human body (blood circulation and/or respiration), requiring the provision of medical care in an emergency form				
Competency: PC-2				
Learning outcomes for the discipline (module): Development of clinical thinking. Indicator: ID-1 PC-2 Knows how to carry out the collection of complaints, anamnesis of life, and disease of the patient and analyze the information obtained	Does not know how to carry out the collection of details concerning the patient's complaints, anamnesis of life, and disease	Knows how to carry out the collection of details concerning the patient's complaints, anamnesis of life, and disease	Knows how to carry out the collection of details concerning the patient's complaints, anamnesis of life, and disease	Knows how to carry out the collection of details concerning complaints, anamnesis of life, and disease, and how to analyze the information obtained
Learning outcomes for the discipline (module): Development of clinical thinking. Indicator: ID-2 PC-2 Conducts a complete physical examination of the patient (inspection, palpation, percussion, auscultation) and interprets its results	Does not carry out a complete physical examination of the patient	Carries out a complete physical examination of the patient	Carries out a complete physical examination of the patient (inspection, palpation, percussion, auscultation)	Carries out a complete physical examination of the patient (inspection, palpation, percussion, auscultation) and interprets its results
Learning outcomes for the discipline (module): Development of clinical thinking. Indicator: ID-3 PC-2 Defines a	Does not define a preliminary diagnosis	Defines a preliminary diagnosis	Defines a preliminary diagnosis and compiles a plan for laboratory examinations	Defines a preliminary diagnosis and compiles a plan for laboratory and instrumental examinations

preliminary diagnosis and compiles a plan for laboratory and instrumental examinations of the patient				
Competency: PC-3				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 PC-3 Is capable of building an algorithm and selecting criteria for determining the main pathological states, syndromes, and diseases in patients of various profiles in accordance with the International Statistical Classification of Diseases and Related Health Problems, 10th Revision (ICD-10)	Not capable of building an algorithm and selecting criteria for identifying various profiles in the patient	Capable of building an algorithm and selecting criteria for identifying various profiles in the patient	Capable of building an algorithm and selecting criteria for identifying the patient's various profiles of main pathological conditions, syndromes, diseases	Capable of building an algorithm and selecting criteria for identifying the patient's various profiles of main pathological conditions, syndromes, diseases following the International Statistical Classification of Diseases and Related Health Problems, 10th Revision (ICD-10)
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 PC-3 Identifies main pathological	Does not identify main pathological symptoms	Identifies main pathological symptoms	Identifies main pathological symptoms and syndromes, defines a clinical diagnosis	Identifies main pathological symptoms and syndromes, defines a clinical diagnosis subject to ICD-10

symptoms and syndromes, formulates a clinical diagnosis in accordance with ICD-10				
Competency: PC-4				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 GPC-4 Applies medical technologies, medical devices, medicinal drugs, disinfectants, and their combinations when solving professional tasks	Does not apply medical technologies	Applies medical technologies	Applies medical technologies, medical devices, medicinal drugs	Applies medical technologies, medical devices, medicinal drugs, disinfectants, and their combinations when solving professional tasks
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 GPC-4 Applies diagnostic instrumental examination methods with the aim of establishing a diagnosis	Does not apply diagnostic instrumental methods	Applies diagnostic instrumental methods	Applies diagnostic instrumental examination methods	Applies diagnostic instrumental examination methods with the aim of establishing a diagnosis
Competency: PC-5				
Learning outcomes for the discipline (module):	Does not prescribe medicinal drugs, medical devices,	Prescribes medicinal drugs, medical devices,	Prescribes medicinal drugs, medical devices, and medical	Prescribes medicinal drugs, medical devices, and

Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 PC-5 Prescribes medicinal drugs, medical devices, and medical nutrition taking into account the diagnosis, age, and clinical picture of the disease in accordance with current procedures for rendering medical care, clinical recommendations (treatment protocols) on issues of medical care provision, taking into account standards of medical care	and medical nutrition	and medical nutrition	nutrition taking into account the diagnosis, age, and clinical picture of the disease in view of procedures for rendering medical care	medical nutrition taking into account the diagnosis, age, and clinical picture of the disease in view of current procedures for rendering medical care, clinical recommendations (treatment protocols) on issues of medical care provision, taking into account standards of medical care
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 PC-5 Assesses the efficacy and safety of the use of medicinal drugs, medical devices, medical nutrition, and non-drug treatment	Does not assess the efficacy and safety of the use of medicinal drugs	Assesses the efficacy and safety of the use of medicinal drugs	Assesses the efficacy and safety of the use of medicinal drugs and medical devices	Assesses the efficacy and safety of the use of medicinal drugs, medical devices, medical nutrition, and non-drug treatment
Learning outcomes for the discipline	Does not plan and monitor the	Plans and monitors the	Plans and monitors the management of	Plans and monitors the management of

(module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-3 PC-5 Plans and monitors the management of patients with various nosological forms in outpatient conditions and day hospital conditions	management of patients	management of patients	patients with various nosological forms	patients with various nosological forms in outpatient conditions and day hospital conditions
Competency: PC-6				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 PC-6 Is capable of planning measures for medical rehabilitation of the patient, determining medical indications and contraindications for carrying them out, taking into account the diagnosis in accordance with current procedures for rendering medical care, clinical recommendations (treatment protocols) on	Not capable of planning measures for the patient's medical rehabilitation	Capable of planning measures for the patient's medical rehabilitation	Capable of planning measures for the patient's medical rehabilitation, determining medical indications and contraindications for carrying them out, taking into account the diagnosis following current procedures for offering medical care	Capable of planning measures for the patient's medical rehabilitation, determining medical indications and contraindications for carrying them out, taking into account the diagnosis following current procedures for offering medical care, clinical recommendations (treatment protocols) on issues of medical care provision, taking into account standards of medical care

issues of medical care provision, taking into account standards of medical care				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 PC-6 Determines medical indications for conducting medical rehabilitation measures, including during the implementation of an individual program of rehabilitation or habilitation of disabled persons, in accordance with current procedures for rendering medical care, clinical recommendations (treatment protocols) on issues of medical care provision, taking into account standards of medical care	Does not determine medical indications for conducting medical rehabilitation measures	Determines medical indications for conducting medical rehabilitation measures	Determines medical indications for conducting medical rehabilitation measures, including during the implementation of an individual program of rehabilitation or habilitation of disabled persons, in accordance with current procedures for rendering medical care	Determines medical indications for conducting medical rehabilitation measures, including during the implementation of an individual program of rehabilitation or habilitation of disabled persons, in accordance with current procedures for rendering medical care, clinical recommendations (treatment protocols) on issues of medical care provision, taking into account standards of medical care
Competency: PC-7				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their	Not capable of assessing medical indications and medical contraindications for the methods	Capable of assessing medical indications and medical contraindications for the use of	Capable of assessing medical indications and medical contraindications for the use of methods of	Capable of assessing medical indications and medical contraindications for the use of

application in practical healthcare. Indicator: ID-1 PC-7 Is capable of assessing medical indications and medical contraindications for the use of methods of prevention of diseases and (or) conditions, preventive measures taking into account the diagnosis in accordance with current procedures for rendering medical care, clinical recommendations (treatment protocols) on issues of medical care provision, taking into account standards of medical care	of disease prevention	methods of disease prevention	prevention of diseases and (or) conditions, preventive measures taking into account the diagnosis in accordance with current procedures for rendering medical care	of methods of prevention of diseases and (or) conditions, preventive measures taking into account the diagnosis following current procedures for rendering medical care, clinical recommendations (treatment protocols) on issues of medical care provision, taking into account standards of medical care
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 PC-7 Applies principles of specific and non-specific prevention of infectious diseases, the national calendar of preventive vaccinations,	Does not apply principles of specific and non-specific prevention	Applies principles of specific and non-specific prevention	Applies principles of specific and non-specific prevention of infectious diseases, the national calendar of preventive vaccinations	Applies principles of specific and non-specific prevention of infectious diseases, the national calendar of preventive vaccinations, including according to epidemic indications

including according to epidemic indications				
Competency: PC-8				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Readiness for communication in verbal and written forms. Indicator: ID-1 PC-8 Is capable of clearly presenting in popular terms the significance of risk factors in diseases of internal organs and measures for prevention of exacerbations	Not capable of clearly presenting in popular terms	Capable of clearly presenting in popular terms	Capable of clearly presenting in popular terms the significance of risk factors	Capable of clearly presenting in popular terms the significance of risk factors in diseases of internal organs and measures for exacerbation prevention
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Readiness for communication in verbal and written forms. Indicator: ID-2 PC-8 Identifies characteristics, determines the forms and methods of educational activity of	Does not identify characteristics, does not determine forms and methods	Identifies characteristics, determines forms and methods	Identifies characteristics, determines forms and methods of educational activity of medical employees	Identifies characteristics, determines the forms and methods of educational activity of medical employees among patients and the population to eliminate risk factors and shape skills of a healthy lifestyle

medical workers among patients and the population to eliminate risk factors and form skills of a healthy lifestyle				
Competency: PC-9				
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Readiness for communication in verbal and written forms. Indicator: ID-1 PC-9 Is capable of applying principles of monitoring the performance of job duties by a local community nurse and other medical workers at disposal	Not capable of applying principles of monitoring the performance of job duties	Capable of applying principles of monitoring the performance of job duties	Capable of applying principles of monitoring the performance of job duties by a local community nurse and others	Capable of applying principles of monitoring the performance of job duties by a local community nurse and other available medical employees
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Readiness for communication in verbal and written forms. Indicator: ID-2 PC-9 Conducts an assessment of the efficiency of modern medical-	Does not carry out an assessment of the efficiency of modern medical-organizational and socio-economic technologies	Carries out an assessment of the efficiency of modern medical-organizational and socio-economic technologies	Carries out an assessment of the efficiency of modern medical-organizational and socio-economic technologies when rendering medical care, uses principles of organization and management	Carries out an assessment of the efficiency of modern medical-organizational and socio-economic technologies when rendering medical care, uses principles of organization and management in the field of people's health protection in

organizational and socio-economic technologies when rendering medical care, uses principles of organization and management in the field of citizens' health protection in medical organizations and their structural subdivisions				medical organizations and their structural subdivisions
Competency: PC-10				
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 PC-10 Conducts calculation and analyzes indicators of medical care quality	Neither calculates not analyzes	Does calculation and analyzes	Does calculation and analyzes quality indicators	Does calculation and analyzes indicators of medical care quality
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare.	Does not develop measures	Develops measures	Develops measures aimed at increasing the quality	Develops measures aimed at increasing the quality of medical care

Indicator: ID-2 PC-10 Develops measures aimed at increasing the quality of medical care				
Competency: PC-11				
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 PC-11 Works independently with sources of scientific and medical information	Does not work independently	Works independently	Works independently with sources	Works independently with sources of scientific and medical information
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 PC-11 Compiles reports (sections of a report), literature reviews, presentations on a topic or its section (stage of an assignment)	Does not compile reports (sections of a report), literature reviews	Compiles reports (sections of a report), literature reviews	Compiles reports (sections of a report), literature reviews, presentations on a certain topic	Compiles reports (sections of a report), literature reviews, presentations on a topic or its section (stage of an assignment)

Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-3 PC-11 Publicly presents scientific information based on evidence-based medicine	Does not present publicly	Presents publicly	Presents scientific information publicly	Publicly presents scientific information based on evidence-based medicine
Competency: PC-12				
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 PC-12 Formulates a scientific hypothesis, determines goals and objectives of scientific activity, applies modern theoretical and empirical research methods, performs calculations based on results of their application, conducts	Does not define a scientific hypothesis, does not determine goals and tasks of scientific activity	Defines a scientific hypothesis, determines goals and tasks of scientific activity	Defines a scientific hypothesis, determines goals and tasks of scientific activity, applies modern theoretical and empirical research methods	Defines a scientific hypothesis, determines goals and objectives of scientific activity, applies modern theoretical and empirical research methods, performs calculations based on results of their application, conducts statistical processing of data obtained

statistical processing of data obtained				
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 PC-12 Works on laboratory equipment, applies methods of evidence-based medicine when conducting scientific research	Does not use laboratory equipment	Uses laboratory equipment	Uses laboratory equipment, applies methods of evidence-based medicine	Uses laboratory equipment, applies methods of evidence-based medicine when conducting scientific research
Learning outcomes for the discipline (module): Readiness for communication in verbal and written forms. Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-3 PC-12 Participates in the introduction of new methods and techniques aimed at protecting the health of citizens	Is not involved in the introduction of new methods	Involved in the introduction of new methods	Involved in the introduction of new methods and techniques	Involved in the introduction of new methods and techniques aimed at protecting people's health
Competency: PC-13				
Learning outcomes for the discipline	Not capable of systematizing and analyzing	Systematizes and analyzes basic results of	Systematizes and analyzes the results of	Systematizes and analyzes the results of

(module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-1 PC-13 Systematizes and analyzes the results of chemical, biological, physical, medical experiments, observations, measurements, as well as results of calculations of the properties of substances and materials	results of experiments	experiments, observations, and measurements	chemical, biological, physical, and medical experiments, observations, and measurements	chemical, biological, physical, and medical experiments, observations, and measurements, as well as the results of calculations of the properties of substances and materials
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare. Indicator: ID-2 PC-13 Applies theoretical and semi-empirical models in solving problems with a natural science focus	Incapable of solving problems with a natural science focus	Solves basic problems with a natural science focus	Applies theoretical models in solving problems with a natural science focus	Applies theoretical and semi-empirical models in solving problems with a natural science focus
Learning outcomes for the discipline (module): Acquisition of special medical skills and their application in practical healthcare.	Incapable of interpreting the results of theoretical and computational works	Capable of performing theoretical and computational works using the theoretical foundations of natural science	Proposes an interpretation of the results of theoretical and computational works using the theoretical foundations of natural science	Proposes an interpretation of the results of their own experiments and theoretical/computational works using the theoretical

Indicator: ID-3 PC-13 Proposes an interpretation of the results of their own experiments and theoretical/computational works using the theoretical foundations of natural science				foundations of natural science
---	--	--	--	--------------------------------

Criteria for assessing competencies

An **"excellent"** grade is given to a student if the report is complete, correct, demonstrating the ability to select sources of knowledge and use them rationally; the content of the tasks is correctly disclosed, logic in the description and characterization of the material is observed. The formulation of conclusions is correct and substantiated; fluent possession of empirical knowledge; knowledge of additional literature; active participation in all forms of work. The entire planned scope of work is completed on time and at a high level in accordance with the practical training plan. The student has demonstrated the ability to correctly define and effectively solve the main tasks.

A **"good"** grade is given to a student if the report meets the previously mentioned requirements, but has inaccuracies in the presentation of the theoretical material or in the conclusions, empirical knowledge is not presented in full. All shortcomings of the answer are corrected by additional questions during the defense of the report. The student has fully completed the work program planned for the period of practical training, has demonstrated the ability to determine the main tasks and ways to solve them, and has shown initiative in the work.

A **"satisfactory"** grade is given to a student if the report is correct, showing mastery of the main material of the subject, but there is no clarity in the presentation of theoretical knowledge, there are difficulties in conclusions and formulations, violations of the logic of the presentation of the material, errors in the presentation of empirical knowledge. The student has not demonstrated deep knowledge of theory and the ability to apply it in practice, and has made mistakes in planning and solving tasks.

An **"unsatisfactory"** grade is given to a student if the report is compiled incorrectly, the main content of the theoretical material is not disclosed, which corresponds to the inability to select and use the main sources of information; logic in the description and characterization of objects is not observed; incorrect formulation of conclusions; gross errors in empirical knowledge of the subject; no interest in academic work is shown. A student who has not completed the practical training program, has not prepared a report, and has made mistakes during the practical training.

2. Assessment tools for the practical training.

2.1. Tasks that allow assessing the knowledge acquired during the practical training.

Competencies to be developed, indicators		Task formulation	
Competency code	Formulations		
IA-1 UC-1, IA-2 UC-1, IA-3 UC-1, IA-1,	Capable of carrying out a critical analysis of problem situations based on a system approach, and developing an action strategy.	Taks 1	A general safety briefing and a briefing at each workplace for each type of work performed are conducted, which the student must master and sign in the protocol.
IA-1 UC-2, IA-2 UC-2, IA-3 UC-2, IA-1,	Able to manage a project at all stages of its life cycle.	Taks 2	Fundamentals of clinical laboratory diagnostics, general and medical biochemistry
UC-3, IA-2 UC-3, IA-3 UC-3, IA-1,	Able to organize and manage the work of a team, developing a team strategy to achieve a set goal.	Taks 3	To independently analyze information
UC-4, IA-2 UC-4, IA-3 UC-4, IA-1,	Able to apply modern communication technologies, including in foreign language(s), for academic and professional interaction.	Taks 4	to schematically draw up a protocol of the expert assessments provided for when conducting medical analyses
UC-6, IA-1 UC-6, IA-2 UC-6, IA-3,	Capable of identifying and implementing the priorities of their own activity and ways to improve it based on self-assessment and lifelong education.		
UC-8, IA-1 UC-8, IA-2 UC-8, IA-3,	Capable of creating and maintaining safe living conditions in everyday life and		

	professional activity to preserve the natural environment, ensure sustainable development of society, including in the event of threats and emergencies, and military conflicts.		
GPC-1, IA-2 GPC-1, IA-3 GPC-1, IA-1,	Capable of implementing moral and legal norms, ethical and deontological principles in professional activity.		
GPC-4, IA-2 GPC-4, IA-3 GPC-4, IA-1,	Capable of applying medical devices provided for by the procedure for rendering medical care, as well as conducting patient examinations in order to establish a diagnosis.		
GPC-5, IA-2 GPC-5, IA-3 GPC-5, IA-1,	Capable of assessing morphofunctional, physiological states and pathological processes in the human body to solve professional tasks.		
GPC-6, IA-2 GPC-6, IA-3 GPC-6, IA-1,	Capable of organizing patient care, providing primary health care, ensuring the organization of work and professional decision-making in		

	emergency conditions at the pre-hospital stage, in conditions of emergencies, epidemics, and in centers of mass destruction.		
GPC-7, IA-2 GPC-7, IA-3 GPC-7, IA-1,	Capable of prescribing treatment and monitoring its efficacy and safety.		
GPC-8, IA-2 GPC-8, IA-3 GPC-8, IA-1,	Capable of implementing and monitoring the effectiveness of medical rehabilitation of the patient, including the implementation of individual programs of rehabilitation and habilitation of disabled persons, and conducting an assessment of the patient's ability to engage in work activities.		
GPC-10, IA-2 GPC-10, IA-3 GPC-10, IA-1,	Capable of understanding the principles of modern information technologies and using them to solve tasks of professional activity.		
GPC-11, IA-2 GPC-11, IA-3 GPC-11, IA-1,	Capable of preparing and applying scientific, research-and-production, project, organizational, management, and		

	regulatory documentation in the healthcare system.		
PC-1, IA-2 PC-1, IA-3 PC-1, IA-1,	Ready to participate in the provision of emergency medical care in conditions requiring urgent medical intervention.		
PC-2, IA-2 PC-2, IA-3 PC-2, IA-1,	Ready to collect and analyze patient complaints, history data, examination results, laboratory, instrumental, pathological-anatomical, and other studies to recognize a condition or establish the fact of the presence or absence of a disease.		
PC-3, IA-2 PC-3, IA-3 PC-3, IA-1,	Capable of determining a patient's main pathological states, symptoms, disease syndromes, and nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems, 10th Revision (ICD-10).		
PC-4, IA-2 PC-4, IA-3 PC-4, IA-1,	Capable of determining patient management tactics for various nosological forms.		

PC-5, IA-2 PC-5, IA-3 PC-5, IA-1,	Ready for the management and treatment of patients with various nosological forms in outpatient settings and day hospital conditions.		
PC-6, IA-2 PC-6, IA-3 PC-6, IA-1,	Ready to identify the need for applying natural healing factors, medication, non-medication treatment, and other methods in patients requiring medical rehabilitation and health-recovery resort treatment.		
PC-11, IA-2 PC-11, IA-3 PC-11, IA-1,	Ready for the analysis and public presentation of medical information based on evidence-based medicine.		

2.2. Tasks that allow assessing the abilities and skills acquired during the practical training

Competencies to be developed, indicators		Task formulation	
Competency code	Formulations		
IA-1 UC-1, IA-2 UC-1, IA-3 UC-1, IA-1,	Capable of carrying out a critical analysis of problem situations based on a system approach, and developing an action strategy.	Taks 1	A general safety briefing and a briefing at each workplace for each type of work performed are conducted, which the student must master and sign in the protocol.

IA-1 UC-2, IA-2 UC-2, IA-3 UC-2, IA-1,	Able to manage a project at all stages of its life cycle.	Taks 2	Fundamentals of clinical laboratory diagnostics, general and medical biochemistry
UC-3, IA-2 UC-3, IA-3 UC-3, IA-1,	Able to organize and manage the work of a team, developing a team strategy to achieve a set goal.	Taks 3	To independently analyze information
UC-4, IA-2 UC-4, IA-3 UC-4, IA-1,	Able to apply modern communication technologies, including in foreign language(s), for academic and professional interaction.	Taks 4	to schematically draw up a protocol of the expert assessments provided for when conducting medical analyses
UC-6, IA-1 UC-6, IA-2 UC-6, IA-3,	Capable of identifying and implementing the priorities of their own activity and ways to improve it based on self-assessment and lifelong education.		
UC-8, IA-1 UC-8, IA-2 UC-8, IA-3,	Capable of creating and maintaining safe living conditions in everyday life and professional activity to preserve the natural environment, ensure sustainable development of society, including in the event of threats and emergencies, and military conflicts.		
GPC-1, IA-2 GPC-1, IA-3 GPC-1, IA-1,	Capable of implementing moral and legal		

	norms, ethical and deontological principles in professional activity.		
GPC-4, IA-2 GPC-4, IA-3 GPC-4, IA-1,	Capable of applying medical devices provided for by the procedure for rendering medical care, as well as conducting patient examinations in order to establish a diagnosis.		
GPC-5, IA-2 GPC-5, IA-3 GPC-5, IA-1,	Capable of assessing morphofunctional, physiological states and pathological processes in the human body to solve professional tasks.		
GPC-6, IA-2 GPC-6, IA-3 GPC-6, IA-1,	Capable of organizing patient care, providing primary health care, ensuring the organization of work and professional decision-making in emergency conditions at the pre-hospital stage, in conditions of emergencies, epidemics, and in centers of mass destruction.		
GPC-7, IA-2 GPC-7, IA-3 GPC-7, IA-1,	Capable of prescribing treatment and monitoring its efficacy and safety.		

GPC-8, IA-2 GPC-8, IA-3 GPC-8, IA-1,	Capable of implementing and monitoring the effectiveness of medical rehabilitation of the patient, including the implementation of individual programs of rehabilitation and habilitation of disabled persons, and conducting an assessment of the patient's ability to engage in work activities.		
GPC-10, IA-2 GPC-10, IA-3 GPC-10, IA-1,	Capable of understanding the principles of modern information technologies and using them to solve tasks of professional activity.		
GPC-11, IA-2 GPC-11, IA-3 GPC-11, IA-1,	Capable of preparing and applying scientific, research-and-production, project, organizational, management, and regulatory documentation in the healthcare system.		
PC-1, IA-2 PC-1, IA-3 PC-1, IA-1,	Ready to participate in the provision of emergency medical care in conditions requiring urgent medical intervention.		

PC-2, IA-2 PC-2, IA-3 PC-2, IA-1,	Ready to collect and analyze patient complaints, history data, examination results, laboratory, instrumental, pathological-anatomical, and other studies to recognize a condition or establish the fact of the presence or absence of a disease.		
PC-3, IA-2 PC-3, IA-3 PC-3, IA-1,	Capable of determining a patient's main pathological states, symptoms, disease syndromes, and nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems, 10th Revision (ICD-10).		
PC-4, IA-2 PC-4, IA-3 PC-4, IA-1,	Capable of determining patient management tactics for various nosological forms.		
PC-5, IA-2 PC-5, IA-3 PC-5, IA-1,	Ready for the management and treatment of patients with various nosological forms in outpatient settings and day hospital conditions.		
PC-6, IA-2 PC-6, IA-3 PC-6, IA-1,	Ready to identify the need for applying natural healing factors, medication, non-medication treatment, and other		

	methods in patients requiring medical rehabilitation and health-recovery resort treatment.		
PC-11, IA-2 PC-11, IA-3 PC-11, IA-1,	Ready for the analysis and public presentation of medical information based on evidence-based medicine.		

3. Methodological materials defining the assessment procedures and characterizing the stages of competency formation

The procedure for completing the practical training "Practical Training of Therapeutic Profile" includes the following stages: preparatory stage, experimental stage, preparation and defense of the practical training report. At each stage of the practical training, ongoing monitoring of the process of competency formation is carried out. The tasks offered to the student allow testing the competencies.

The tasks provide for mastering competencies at different levels: basic and advanced. Advanced-level tasks are distinguished by a deeper elaboration of the research, along with traditional methods, and the use of new research methods.

During the practical training, the student may use new technologies for performing calculations and data processing, design and assessment technologies for studying natural and anthropogenic systems available at the place of the practical training, taking into account the latest scientific and technological achievements in the field under study.

The practical training includes the collection and systematization of factual and literary material; it is recommended to use the materials available in the library, including electronic library, as well as materials of scientific conferences and working meetings on related topics. When preparing the plan and the report on the practical training, a template is used. For the defense of the report, it is recommended to prepare materials in the form of a presentation. The report must include: the justification and expediency of performing the research, the material obtained during the practical training, and conclusions.

Based on the results of the classes at the preparatory stage, the "Introduction" section to the report is written according to the following plan:

- time and place of the practical training,
- its goals and objectives,
- objects of research,
- research methods,
- significance of the practical training.

On the title page, the title of the work is written — "Report on the practical training 'Practical Training of Therapeutic Profile'", indicating: the name of the educational institution and the department, the surname, first name, and patronymic of the executor(s); the surname, initials, academic degree, and position of the practical training supervisor; the place and year of writing the report.

For the credit, each student must submit a personal practical training diary with a full report on each topic studied.

In the "Conclusion," the results of the practical training are summarized, conclusions, remarks, and suggestions for improving the practical training are made.

The literature in the list is numbered and given in alphabetical order in accordance with the standard adopted in printed works.

The report, in the course of presentation, is illustrated with figures, plans, profiles, and photographs. Figures and photographs are numbered, accompanied by captions and references in the text.

Ucompletion of the practical training, a final conference is held, at which students make presentations on the sections of the report and problematic issues. The results of the practical training are discussed.

ASSESSMENT TOOLS FOR CHECKING THE LEVEL OF COMPETENCY DEVELOPMENT

Task Number	Correct Answer	Content of the Question	Competency
12 semester			
1.	b	The development of the pathological process in acute appendicitis begins: a) from the serous coat of the vermiform appendix; b) from the mucous membrane of the vermiform appendix; c) from the muscular layer of the vermiform appendix; d) from the dome of the cecum;	UC-1
2.	e	The typical onset of acute appendicitis is characterized by: a) headache; b) pain in the projection of the right ureter; c) nausea, vomiting, diarrhea; d) sudden acute abdominal pain; e) pain in the epigastric region, gradually moving to the right iliac region.	UC-1
3.	c	Choose the type of clinical study design that provides data with the highest level of evidence: Select one answer: a. Open-labeled study b. Case-control study c. Randomized controlled double-blind clinical trial d. Cohort study e. Case series study	UC-2
4.	a	What is the "sensitivity of a diagnostic test"? Select one answer: a. The proportion of true positive test results b. The proportion of true negative test results c. The probability of the presence of a disease when a positive test result is obtained	UC-2

		d. The probability of the absence of a disease when a negative test result is obtained	
5.	кавитас, букцэ	Write the transcription of the Latin words and pay attention to the pronunciation of the letter c: cāvitas — cavity; búccae — cheeks	UC-4
6.	рэципэ, мисцэ	Write the transcription of the Latin words and pay attention to the pronunciation of the letter c: récipe — take; mísce — mix;	UC-4
7.	a	The criterion for an adequate depth of induction anesthesia is: a) loss of consciousness with the development of sleep b) respiratory arrest c) dilated pupils d) a decrease in blood pressure	UC-8
8.	b	Xenon is used in anesthesiology for: a) conducting non-inhalation anesthesia b) conducting inhalation anesthesia c) conducting local anesthesia	UC-8
9.	c	Medical ethics studies: a) the complex of medical services aimed at restoring the health of the patient; b) the relationships between team members and the patients' relatives; c) the features of the development and dependence of the moral behavior of a medical worker on the conditions of his/her practical activity.	GPC-1
10.	b	The concept of medical ethics includes: a) the idea of the optimal activity of medical workers; b) a scientific section that includes the ethical and moral aspects of the activities of healthcare workers; c) achievements in the field of modern medicine.	GPC-1
11.	d	The most important of the listed differential diagnostic signs of COPD is: a) expiratory dyspnea b) cough with sputum discharge c) weakened or harsh vesicular breathing with prolonged expiration, dry buzzing and moist fine rales d) irreversible or partially reversible bronchial obstruction e) all of the above	GPC-4
12.	a	Which antibiotic is the drug of choice in the treatment of community-acquired pneumonia, clinically and radiologically defined as pneumococcal: a) amoxicillin b) ceftriaxone c) ampicillin d) levofloxacin e) co-trimoxazole	GPC-4

13.	b	The least informative sign of atherogenic dyslipidemia is an increase in the blood level of: a) HDL b) LDL c) total cholesterol d) atherogenic index	GPC-5
14.	b	A biochemical marker of chronic heart failure is: a) the presence of antibodies to tissue transglutaminase b) brain natriuretic peptide c) glycated hemoglobin d) gamma-glutamyl transpeptidase e) procalcitonin	GPC-5
15.	a	In irritable bowel syndrome: a) discharge of mucus from the anus is possible b) bloody mucous diarrhea is characteristic c) treatment includes the prescription of 5-aminosalicylic acid preparations d) symptoms are not associated with stress factors e) the primary treatment is a gluten-free diet	GPC-6
16.	d	Routes of infection in chronic pyelonephritis: a) lymphogenous b) hematogenous c) urogenic d) all of the above e) sexual	GPC-6
17.	3,4.	Correction of the warfarin dose may be required when co-administered with: 1. Lanoxin 2. Methylprednisolone 3. Aspirin 4. Furosemide 5. Aluminum hydroxide	GPC-7
18.	2, 3, 5, 8.	When combined with alcohol, the following cause an Antabuse effect: 1. -: Gliformin 2. +: Eunoktin 3. +: Pirokam 4. -: Axerophthol 5. +: Tubazid 6. -: Aneurin 7. -: Ribovin 8. +: Furazidin	GPC-7
19.	b	Expected serum parameters in iron deficiency anemia — all of the following, except: a) a decrease in serum iron levels b) a decrease in the iron-binding capacity of blood serum c) a decrease in the concentration of hemoglobin in the erythrocyte d) a decrease in serum ferritin levels	GPC-8

20.	bronchial asthma.	A heterogeneous disease characterized by chronic inflammation of the airways, the presence of respiratory symptoms such as wheezing, shortness of breath, chest tightness, and cough, which vary over time and in intensity, and manifest together with variable airway obstruction is...	GPC-8
21.	a	The sequence of symptoms in acute circulatory arrest: a) loss of consciousness, appearance of convulsions, dilation of pupils b) dilation of pupils, loss of consciousness, appearance of convulsions c) appearance of convulsions, dilation of pupils, loss of consciousness	PC-1
22.	d	In case of timely detected ventricular fibrillation, it is necessary to immediately perform: a) administration of medications b) ECG c) artificial respiration d) defibrillation	PC-1
23.	b	At which term of pregnancy is the maximum concentration of human chorionic gonadotropin in the blood registered: a. 5–6 weeks; b. 8–10 weeks; c. 14–16 weeks; d. 35–37 weeks;	PC-2
24.	b	Cordocentesis is: a. taking a blood sample from the uterine arteries of a pregnant woman b. taking a blood sample from the umbilical cord vein of the fetus c. obtaining amniotic fluid by transvaginal access d. obtaining an aspirate of chorionic villi e. none of the above	PC-2
25.	c	Direct (fetal) methods of diagnosing congenital anomalies of fetal development include all of the following, except: a. cordocentesis; b. chorionic villus and fetal skin biopsy; c. determination of estriol in the blood serum and urine of the pregnant woman; d. ultrasound scanning; e. amniocentesis.	PC-3
26.	d	A reliable sign of pregnancy is: a. enlargement of the uterus; b. cessation of menstruation; c. abdominal enlargement in a woman of reproductive age; d. palpation of the fetus in the uterus; e. cyanosis of the vaginal portion of the cervix.	PC-3
27.	c	The term isoimmunization means:	PC-4

		a. stimulation of immunity; b. suppression of immunity; c. formation of antibodies; d. decrease in the reactivity of the body; e. all of the above.	
28.	b	The criterion for the viability of the fetus (newborn) is a gestational age of: a. 20 weeks; b. 22 weeks; c. 26 weeks; d. 28 weeks; e. 30 weeks.	PC-4
29.	d	In the diagnosis of focal tuberculosis, the leading significance is given to: a) anamnesis b) objective examination data c) laboratory data d) X-ray examination e) Koch's tuberculin test	PC-5
30.	a	Determine the dispensary observation group for patients with newly diagnosed pulmonary tuberculosis: a) Group 1 b) Group 2 c) Group 3 d) Group 4 e) Group "0"	PC-5
31.	e	Gallstone disease is complicated by the development of: a) acute pancreatitis; b) obstructive jaundice; c) obstructive small bowel obstruction; d) cholangitis; e) all answers are correct.	PC-6
32.	a	Which complication of gallstone disease requires emergency surgical intervention? a) diffuse peritonitis; b) cicatricial stricture of the bile duct; c) choledocholithiasis; d) cholecystoenteric fistula;	PC-6
33.	b	What is the "specificity of a diagnostic test"? Select one answer: a. The proportion of true positive test results b. The proportion of true negative test results c. The probability of the presence of a disease when a positive test result is obtained d. The probability of the absence of a disease when a negative test result is obtained	PC-11
34.	a	The criteria for selecting patients for participation in a clinical trial (the so-called "inclusion criteria"), as	PC-11

		well as the criteria for excluding patients from the study, are formulated: Select one answer: a. Before the start of the study (at the stage of writing its protocol) b. At the stage of enrolling patients in the study c. During the actual study d. At the stage of statistical analysis of the study data	
--	--	---	--