

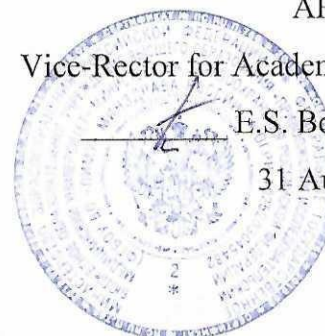
Federal State Budgetary Educational Institution of Higher Education  
"Privolzhsky Research Medical University"  
Ministry of Health of the Russian Federation

APPROVED

Vice-Rector for Academic Affairs

E.S. Begomolova

31 August 2021



**WORKING PROGRAM**

Name of the academic discipline: **PSYCHIATRY, MEDICAL PSYCHOLOGY**

Specialty: **31.05.01 GENERAL MEDICINE**

*(code, name)*

Qualification: **GENERAL PRACTITIONER**

Department: **PSYCHIATRY**

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: **180 academic hours**

Nizhny Novgorod  
2021

The working program has been developed in accordance with the Federal State Educational Standard for the specialty 31.05.01 GENERAL MEDICINE,  
(code, name)  
approved by Order of the Ministry of Education and Science of the Russian Federation No. 988 dated August 12, 2020.

**Developers of the working program:**

Kasimova Lala Narimanovna, Doctor of Medical Sciences, Professor, Head. department of Psychiatry.

Karpukhin Ivan Borisovich, Candidate of Medical Sciences, Associate Professor of the Department of Psychiatry.

The program was reviewed and approved at the department meeting (protocol No. \_\_, 01 June 2021\_\_)

Head of the Department of Psychiatry,  
Doctor of Medical Sciences, Professor



L.N. Kasimova

(signature)

01 June 2021

AGREED

Deputy Head of EMA ph.d. of biology



Lovtsova L.V.

(signature)

01 June 2021

## **1. The purpose and objectives of mastering the academic discipline "Medical Psychology" (hereinafter – the discipline):**

1.1. The purpose of mastering the discipline: the study of the discipline is aimed at the formation of the following universal UK–1, UK – 4, UK – 5, UK – 6, general professional GPC – 1, GPC – 4, GPC – 5, GPC – 7, GPC – 10, GPC - 11 and professional competencies: PC - 1, PC - 2, PC-4, PC-5, PC - 6, PC-8, PC-10, PC-11, PC-12, PC - 13, PC -17, PK-19, PK-20, PK - 22, PK - 23.

1.2. Tasks of the discipline:

1.3. Requirements to the deliverables of mastering the discipline

As a result of completing the discipline, the student should

### **Know:**

- Fundamentals of the legislation of the Russian Federation on the protection of public health, the main regulatory and technical documents.
- current state and prospects for the development of clinical and medical psychology.
- patterns of development of mental disorders in various diseases in comparison with the patterns of development and functioning of the psyche in the norm.
- etiology, pathogenesis, preventive measures of the most common mental disorders, modern classification of diseases.
- methods of psychological diagnostics of patients.
- criteria for the diagnosis of various diseases.
- different approaches to psychological correction and psychotherapy of mental disorders of the patient.

### **Be able to:**

- determine the mental status of the patient: collect an anamnesis, conduct a survey of the patient and / or his relatives, conduct a pathopsychological study of the patient, assess the patient's condition to make a decision on the need to provide him with medical care.
- set priorities for solving the patient's health problems: a critical (terminal) condition with a pain syndrome, a condition with a pain syndrome, a condition with a chronic disease, a condition with an infectious disease, disability, geriatric problems, a condition of mentally ill patients.
- assess social factors that affect the patient's physical and psychological health: cultural, ethnic, religious, individual, family, social risk factors (unemployment, violence, illness and death of relatives, etc.).
- to make a preliminary diagnosis - to synthesize information about the patient in order to determine the pathology and the causes that cause it.
- outline the scope of additional studies in accordance with the prognosis of the disease, to clarify the diagnosis and obtain a reliable result.
- choose an individual type of care for the treatment of the patient in accordance with the situation: primary care, ambulance, hospitalization.
- to formulate indications for psychological correction and psychotherapy of mental disorders of the patient.
- use methods of primary and secondary prevention (based on evidence-based medicine) in medical activities, establish cause-and-effect relationships of changes in health status from the impact of environmental factors.
- formalize the results of a pathopsychological study, recommendations, referral to a specialist doctor.

### **Possess:**

- correct medical records.
- methods of general clinical and psychological examination.

- the skills of independent analysis of the characteristics of mental activity, personality and psychological reactions of the patient, influencing the effectiveness of the treatment process.
- interpretation of the results of methods of psychological diagnostics.
- an algorithm for making a preliminary diagnosis with subsequent referral of the patient to the appropriate specialist doctor.

## **2. Position of the academic discipline in the structure of the General Educational Program of Higher Education (GEP HE) of the organization.**

**2.1.** The discipline «medical psychology» refers to the core part (or *the part formed by the participants of educational relations*) of Block 1 of GEP HE (Academic discipline index).

The discipline is taught in 9 semester/5 year of study.

### **2.2. The following knowledge, skills and abilities formed by previous academic disciplines are required for mastering the discipline:**

- |                            |                                     |
|----------------------------|-------------------------------------|
| 1. philosophy              | 14. pharmacology                    |
| 2. bioethics               | 15. pathological physiology         |
| 3. psychology and pedagogy | 16. hygiene                         |
| 4. history of medicine     | 17. public health and healthcare    |
| 5. jurisprudence           | 18. medical rehabilitation          |
| 6. physics                 | 19. internal medicine propaedeutics |
| 7. mathematics             | 20. neurology                       |
| 8. medical informatics     | 21. general surgery                 |
| 9. chemistry               | 22. life safety                     |
| 10. biology                | 23. disaster medicine               |
| 11. biochemistry           | 24. faculty therapy                 |
| 12. anatomy                | 25. psychiatry and narcology        |
| 13. normal physiology      |                                     |

### **2.3. Mastering the discipline is required for forming the following knowledge, skills and abilities for subsequent academic disciplines:**

1. epidemiology
2. clinical pharmacology
3. forensic medicine
4. life safety
5. disaster medicine
6. obstetrics and gynecology
7. dermatovenereology
8. hospital therapy
9. endocrinology
10. infectious diseases
11. phthysiology
12. outpatient therapy
13. hospital surgery
14. traumatology
15. orthopedics
16. oncology
17. radiation therapy

### 3. Deliverables of mastering the academic discipline and metrics of competence acquisition

Mastering the discipline aims at acquiring the following universal (UC) or/and general professional (GPC) or/and professional (PC) competencies

| n / no. | Code competencies | The content of the competence (or part of it)  | Code and name of the indicator of achievement of competence   | As a result of studying the discipline, students should:  |   |  |
|---------|-------------------|--|---|---|---|--|
|         |                   |  |   | Know  | Be able to  | Possess  |
| 1.      | UK-1              | the ability to carry out a critical analysis of problem situations based on a systematic approach, to develop an action strategy | <p>ID 1<sub>UK-1</sub> Knowledge of methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis</p> <p>ID<sub>UK-1.2</sub> obtaining new knowledge based on analysis, synthesis, etc.; collecting data on complex scientific problems related to the professional field; search for information and solutions based on action, experiment and experience</p> <p>ID<sub>UK-1.3</sub> Studying practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; development of an action strategy for solving professional problems</p>                | <p>- Methods of critical analysis and evaluation of modern scientific achievements;</p> <p>- Basic principles of critical analysis</p>  | <p>- Obtain new knowledge based on analysis, synthesis, etc.;</p> <p>- Collect data on complex scientific problems related to the professional field;</p> <p>- Search for information and solutions based on action, experimentation and experience</p>   | <p>- Practical experience: explore the problems of professional activity using analysis, synthesis and other methods of intellectual activity; - Develop action strategies to solve professional problems</p>  |
| 2.      | UK-4              | ability to apply modern communication technologies, including in foreign language (s), for academic and professional interaction | <p>ID<sub>UK-4.1</sub> Knowledge of the basics of oral and written communication in Russian and foreign languages, functional styles of the native language, requirements for business communication, modern means of information and communication technologies</p> <p>ID<sub>UK-4.2</sub> The ability to express one's thoughts in Russian and foreign languages in business communication</p> <p>ID<sub>UK-4.3</sub> Possession of practical experience in compiling texts in Russian and foreign languages related to professional activities; experience in translating medical texts from a foreign language into Russian; experience of speaking Russian and foreign languages</p> | <p>basics of oral and written communication in Russian and foreign languages, functional styles of the native language, requirements for business communication, modern means of information and communication technologies</p> | <p>express your thoughts in Russian and foreign languages in business communication</p>   | <p>practical experience: compose texts in Russian and foreign languages related to professional activities; have experience in translating medical texts from a foreign language into Russian; experience of speaking Russian and foreign languages</p>                                  |
| 3.      | UK - 5            | the ability to analyze and take into account the diversity of cultures in the process of intercultural interaction               | <p>ID<sub>UK-5.1</sub> Knowledge of the main categories of philosophy, the laws of historical development, the foundations of intercultural communication; basic concepts of interaction between people in an organization</p> <p>ID<sub>UK-5.2</sub> The ability to competently, clearly present professional information in the process of intercultural interaction; respect for ethical standards and human rights;</p>   | <p>the main categories of philosophy, the laws of historical development, the foundations of intercultural communication; basic concepts of human interaction in an organization</p>  | <p>to express professional information competently and in an accessible way in the process of intercultural interaction; observe ethical standards and human rights; analyze the features of social interaction, taking into account national, ethno-cultural, confessional characteristics</p> | <p>Practical experience productive interaction in a professional environment, taking into account national, ethno-cultural, confessional characteristics; overcoming communicative, educational, ethnic, confessional and other barriers in the process of intercultural interaction</p> |

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|    |         |  | <p>analysis of the features of social interaction, taking into account national, ethno-cultural, confessional characteristics</p> <p>ID UK-5.3</p> <p>Practical experience of productive interaction in a professional environment, taking into account national, ethno-cultural, confessional characteristics; overcoming communication, educational, ethnic, confessional and other barriers in the process of intercultural interaction</p>  |  |   |   |
| 4. | UK - 6  | <p>the ability to determine and implement the priorities of one's own activity and ways to improve it based on self-assessment and lifelong learning</p> | <p>ID UK-6.1</p> <p>Knowledge of the importance of planning long-term goals of activity, taking into account the conditions, means, personal opportunities, stages of career growth, time perspective for the development of activities and labor market requirements; technology and methodology of self-assessment; basic principles of self-education and self-education</p> <p>ID UK-6.2 Determining the priority of professional activity and ways to improve it based on self-assessment; monitoring and evaluation of the components of professional activity; planning independent activities in solving professional problems</p> <p>ID UK-6.3 Planning one's own professional activity and self-development, studying additional educational programs</p>                                       | <p>the importance of planning long-term goals of activity, taking into account the conditions, means, personal opportunities, stages of career growth, time perspective for the development of activities and the requirements of the labor market; technology and methodology of self-assessment; basic principles of self-education and self-education</p> | <p>determine the priorities of professional activity and ways to improve it based on self-assessment; control and evaluate the components of professional activity; plan independent activities in solving professional problems</p>  | <p>planning their own professional activities and self-development, study additional educational programs</p>   |
| 5. | OPK - 1 | <p>the ability to implement moral and legal norms, ethical and deontological principles in professional activities</p>                                   | <p>ID GPC - 1.1 Fundamentals of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice</p> <p>ID GPC-1.2 application of ethical norms and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives)</p> <p>ID GPC-1.3</p> <p>solution of standard tasks of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice</p> | <p>foundations of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice</p>   | <p>apply ethical standards and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives)</p> | <p>practical experience in solving standard problems of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice</p> |

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| 6. | OPK - 4 | <p>the ability to use medical devices prescribed by the order of medical care, as well as to conduct examinations of the patient in order to establish a diagnosis</p> | <p>ID<sup>GPC-4.1</sup> methodology for collecting anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results; international statistical classification of diseases and related health problems (ICD); conditions requiring emergency medical care; the procedure for the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care</p> <p>ID<sup>GPC 4.2</sup> Collection of complaints, anamnesis of life and disease in patients (their legal representatives), identify risk factors and causes of the development of diseases; application of methods of examination and physical examination of patients; interpretation of the results of the examination and physical examination of patients; diagnosis in patients of the most common pathology; identification of risk factors for cancer; formulation of a preliminary diagnosis, drawing up a plan for conducting laboratory, instrumental and additional studies in patients in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; referral of patients for laboratory, instrumental and additional studies in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; referral of patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; interpretation and analysis of the results of consultations by doctors-specialists of patients; interpretation</p> | <p>the methodology for collecting an anamnesis of life and diseases, complaints from patients (their legal representatives); method of examination and physical examination; clinical picture, diagnostic methods of the most common diseases; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results; international statistical classification of diseases and related health problems (ICD); conditions requiring emergency medical care; the procedure for the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care</p> | <p>collect complaints, anamnesis of life and disease in patients (their legal representatives), identify risk factors and causes of the development of diseases; apply methods of examination and physical examination of patients; interpret the results of the examination and physical examination of patients; diagnose the most common pathology in patients; identify risk factors for cancer; formulate a preliminary diagnosis, draw up a plan for conducting laboratory, instrumental and additional studies in patients in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; refer patients for laboratory, instrumental and additional studies in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; refer patients for consultations to specialist doctors in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; interpret and analyze the results of consultations with patients' specialists; interpret and analyze the results of basic (clinical) and additional (laboratory, instrumental) examination methods; to carry out differential diagnostics of diseases in patients; identify clinical signs of sudden acute diseases, conditions, exacerbations of chronic diseases without obvious signs of a threat to life, requiring emergency medical care; apply medical devices in accordance with the current</p> | <p>practical experience: collecting complaints, anamnesis of life and disease in patients (their legal representatives), identifying risk factors and causes of the development of diseases; examination and physical examination of patients; diagnosis of the most common diseases; identification of risk factors for major oncological diseases; formulating a preliminary diagnosis, drawing up a plan for instrumental, laboratory, additional studies, consultations with specialist doctors; referral of patients for instrumental, laboratory, additional studies, consultations of medical specialists in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; provisional diagnosis in accordance with the International Statistical Classification of Diseases and Related Health Problems (ICD); carrying out differential diagnostics of diseases; recognition of conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care; the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, assistance taking into account the standards of</p> |
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|    |       |                       | <p>and analysis of the results of the main (clinical) and additional (laboratory, instrumental) examination methods; differential diagnosis of diseases in patients; identification of clinical signs of sudden acute diseases, conditions, exacerbations of chronic diseases without obvious signs of a threat to life, requiring emergency medical care; apply medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care</p> <p>ID<sub>GPC 4.3</sub> collection of complaints, anamnesis of life and disease in patients (their legal representatives), identification of risk factors and causes of the development of diseases; examination and physical examination of patients; diagnosis of the most common diseases; identification of risk factors for major cancers; formulating a preliminary diagnosis, drawing up a plan for instrumental, laboratory, additional studies, consultations with specialist doctors; referral of patients for instrumental, laboratory, additional studies, consultations of specialist doctors in accordance with the current procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care; interpretation of data from additional (laboratory and instrumental) examinations of patients; making a preliminary diagnosis in accordance with the international statistical classification of diseases and related health problems (ICD); carrying out differential diagnostics of diseases; recognition of conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care; the use of medical devices in accordance with the current procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, assistance taking into account the standards of medical care</p> |                                 | <p>procedures for the provision of medical, clinical recommendations (treatment protocols) on the provision of medical care, care, taking into account the standards of medical care</p> | <p>medical care</p>                 |
| 7. | OPK-5 | the ability to assess | ID <sub>GPC-5.1</sub> Knowledge of anatomy, histology,   | anatomy, histology, embryology, | evaluate the main morphofunctional   | practical experience: assessment of |



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|    |       | morphofunctional, physiological states and pathological processes in the human body to solve professional problems | embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems<br>ID <sub>GPC 5.2</sub> assessment of basic morphofunctional data, physiological conditions and pathological processes in the human body<br>ID <sub>GPC 5.3</sub> assessment of basic morphological and functional data, physiological conditions and pathological processes in the human body when solving professional problems   | topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems   | data, physiological conditions and pathological processes in the human body   | basic morphological and functional data, physiological conditions and pathological processes in the human body when solving professional problems  |
| 8. | OPK-7 | ability to prescribe treatment and monitor its effectiveness and safety  | ID <sub>7.1</sub> Methods of drug and non-drug treatment, medical indications for the use of medical devices for the most common diseases; groups of drugs used to provide medical care in the treatment of the most common diseases; the mechanism of their action, medical indications and contraindications to the appointment; compatibility, possible complications, side effects, adverse reactions, including serious and unforeseen; features of medical care in emergency forms<br>ID <sub>7.2</sub> Ability to develop a treatment plan for patients with the most common diseases in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; prevent or eliminate complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic procedures, the use of drugs and ( or) medical devices, non-drug treatment<br>GPC ID <sub>7.3</sub> development of a treatment plan for patients with the most common diseases in accordance with the current procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care; provision of medical care in an emergency and emergency form to patients with the most common diseases, in accordance with the current procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care; selection and prescription of medicines, medical devices with the most common diseases for the treatment of the most common diseases in children and adults in accordance with the current procedures | methods of drug and non-drug treatment, medical indications for the use of medical devices for the most common diseases; groups of drugs used to provide medical care in the treatment of the most common diseases; the mechanism of their action, medical indications and contraindications to the appointment; compatibility, possible complications, side effects, adverse reactions, including serious and unforeseen; features of medical care in emergency forms | develop a treatment plan for patients with the most common diseases in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care; prevent or eliminate complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and ( or) medical devices, non-drug treatment | practical experience: development of a treatment plan for patients with the most common diseases in accordance with the current procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care; provision of emergency and urgent medical care to patients with the most common diseases, in accordance with the current procedures for the provision of medical care, clinical guidelines, taking into account the standards of medical care; selection and prescription of medicines, medical devices with the most common diseases for the treatment of the most common diseases in children and adults in accordance with the current procedures for the provision of medical care, their clinical recommendations, taking into account the standards of medical care; evaluation of the effectiveness and safety of the use of drugs, medical devices and non-drug treatment in patients with the most common diseases; selection and prescription of non-drug treatment for patients with the most common diseases in accordance with the procedures for providing medical care, clinical guidelines, taking into account the standards of medical care; prevention and treatment of complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or |

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|     |          |   | for the provision of medical care, clinical and recommendations, taking into account the standards of medical care; evaluation of the effectiveness and safety of the use of drugs, medical devices and non-drug treatment in patients with the most common diseases; selection and prescription of non-drug treatment for patients with the most common diseases in accordance with the procedures for providing medical care, clinical guidelines, taking into account the standards of medical care; prevention and treatment of complications, side effects, adverse reactions, including unforeseen ones, resulting from diagnostic or therapeutic manipulations, the use of drugs and (or) medical devices, non-drug treatment; providing medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life in an emergency form; the use of medicines and medical devices in the provision of medical care in an emergency form   |  |   | therapeutic manipulations, the use of drugs and (or) medical devices, non-drug treatment; provision of medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the life of the patient in an emergency; the use of medicines and medical devices in the provision of medical care in an emergency form |
| 9.  | OPK-10   | the ability to solve standard tasks of professional activity using information, bibliographic resources, biomedical terminology, information and communication technologies, taking into account the basic requirements of information security | <p>ID<sub>GPC.10.1</sub> Possibility of reference and information systems and professional databases; methods of information search, information and communication technologies; modern medical and biological terminology; basics of information security in professional activity</p> <p>ID<sub>GPC.10.2</sub> Application of modern information and communication technologies for solving problems of professional activity; to carry out an effective search for information necessary to solve the problems of professional activity using reference systems and professional databases; use modern medical and biological terminology; master and apply modern information and communication technologies in professional activities, taking into account the basic requirements of information security</p> <p>ID<sub>GPC.10.3</sub> The use of modern information and bibliographic resources, the use of special software and automated information systems to solve standard tasks of professional activity, taking into account the basic requirements of information security</p> | the possibilities of reference and information systems and professional databases; methods of information search, information and communication technologies; modern medical and biological terminology; basics of information security in professional activity | apply modern information and communication technologies to solve the problems of professional activity; to carry out an effective search for information necessary to solve the problems of professional activity using reference systems and professional databases; use modern medical and biological terminology ; master and apply modern information and communication technologies in professional activities, taking into account the basic requirements of information security | practical experience in the use of modern information and bibliographic resources, the use of special software and automated information systems to solve standard tasks of professional activity, taking into account the basic requirements of information security   |
| 10. | OPK - 11 | Ability to prepare and apply  | ID <sub>GPC.11.1</sub> Knowledge of scientific, research   | - Scientific, research and production,   | - Prepare scientific, research and  |   |

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|     |        | scientific, research and production, design, organizational, managerial and regulatory documentation in the healthcare system   | and production, design, organizational, managerial and regulatory documentation in the healthcare system<br><br>ID <sub>GPC-11.2</sub> Preparation of scientific, research and production, design, organizational, managerial and regulatory documentation in the healthcare system   | design, organizational, managerial and regulatory documentation in the healthcare system  | production, design, organizational, managerial and regulatory documentation in the healthcare system  |  |
| 11. | PC - 1 | The ability to assess the condition of a patient requiring emergency or emergency medical care  | ID <sub>PC 1.1</sub> Knowledge of etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis; physical examination technique (examination, palpation, percussion, auscultation); a list of laboratory and instrumental research methods for assessing the condition, the main medical indications for conducting research and interpreting the results in patients requiring medical care in emergency or emergency forms<br><br>PC ID 1.2 identification of clinical signs of conditions requiring medical care in emergency or emergency forms   | - etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs;<br>- methodology for collecting complaints and anamnesis; physical examination technique (examination, palpation, percussion, auscultation); - a list of laboratory and instrumental research methods for assessing the condition, the main medical indications for conducting research and interpreting the results in patients requiring medical care in emergency or emergency forms   | identify clinical signs of conditions requiring emergency or emergency medical care   |  |
| 12. | PC-2   | The ability to recognize conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care, to recognize conditions that threaten the patient's life, including conditions of clinical death (stopping the vital functions of the human body (circulation and / or breathing), requiring medical attention in an emergency form | ID <sub>PC 2.1</sub> Knowledge of the etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis from patients (their legal representatives); methods of physical examination of patients (examination, palpation, percussion, auscultation); a list of laboratory and instrumental research methods for assessing the patient's condition, the main medical indications for conducting research and interpreting the results; clinical signs of sudden cessation of circulation and/or respiration<br><br>ID <sub>PC 2.2</sub> Ability to identify clinical signs of conditions requiring emergency medical care; identify conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and breathing | - etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs;<br>- methods of collecting complaints and anamnesis from patients (their legal representatives);<br>- methods of physical examination of patients (examination, palpation, percussion, auscultation); a list of laboratory and instrumental research methods for assessing the patient's condition, the main medical indications for conducting research and interpreting the results; clinical signs of sudden cessation of circulation and/or respiration | identify clinical signs of conditions requiring emergency medical care; identify conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and breathing |  |

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| 13. | PC-4 | The ability to use medicines and medical devices in the provision of medical care in emergency or urgent forms   | <p>ID<sub>PC 4.1</sub> Modern methods of using medicines, medical devices for diseases and conditions in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care in the provision of medical care in emergency or urgent forms;<br/>the mechanism of action of drugs, medical devices, medical indications and contraindications to their use; complications caused by their use;<br/>principles of operation of devices for external electropulse therapy (defibrillation); rules for performing external electrical impulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration</p> <p>ID<sub>PC 4.2</sub> The ability to prescribe medicines, medical devices, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care in emergency or emergency forms</p> | <ul style="list-style-type: none"> <li>- Modern methods of using medicines, medical devices for diseases and conditions in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care in the provision of medical care in emergency or urgent forms;</li> <li>- The mechanism of action of drugs, medical devices, medical indications and contraindications to their use;</li> <li>- Complications caused by their use; principles of operation of devices for external electropulse therapy (defibrillation);</li> <li>- Rules for performing external electrical impulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration</li> </ul> | <ul style="list-style-type: none"> <li>- Prescribe medicines, medical devices, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care in emergency or urgent forms</li> </ul>   |  |
| 14. | PC-5 | He is able to collect complaints, anamnesis of the patient's life and illness, conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation), formulate a preliminary diagnosis and draw up a plan for laboratory and instrumental examinations of the patient, incl. diagnostic studies using modern technical means and digital technologies | <p>ID<sub>PC 5.1</sub> Legislation of the Russian Federation in the field of health protection, regulations and other documents that determine the activities of medical organizations and medical workers; method of collecting complaints, anamnesis of life and disease of the patient; a technique for a complete physical examination of the patient (examination, palpation, percussion, auscultation); etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs;<br/>patterns of functioning of a healthy human body and mechanisms for ensuring health from the standpoint of the theory of functional systems; features of the regulation of the functional systems of the human body in pathological processes; methods of laboratory and instrumental studies for assessing the state of health, medical</p>   | <ul style="list-style-type: none"> <li>- Legislation of the Russian Federation in the field of health protection, regulatory legal acts and other documents that determine the activities of medical organizations and medical workers;</li> <li>- Methodology for collecting complaints, anamnesis of life and illness of the patient;</li> <li>- The technique of a complete physical examination of the patient (examination, palpation, percussion, auscultation); etiology, pathogenesis and pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases of internal organs;</li> <li>- Patterns of the functioning of a healthy human body and mechanisms for ensuring health from the standpoint of the theory of</li> </ul>  | <ul style="list-style-type: none"> <li>- To collect complaints, anamnesis of life and disease of the patient and analyze the information received;</li> <li>- Conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation) and interpret its results;</li> <li>- Determine the order of volume, content and sequence of diagnostic measures</li> </ul> |  |

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|     |      |  | <p>indications for conducting studies, rules for interpreting their results</p> <p>ID<sub>PC 5.2</sub> Ability to collect complaints, anamnesis of life and illness of the patient and analyze the information received; conduct a complete physical examination of the patient (examination, palpation, percussion, auscultation) and interpret its results; determine the sequence of volume, content and sequence of diagnostic measures</p>   | <p>functional systems;</p> <p>- Features of the regulation of the functional systems of the human body in pathological processes; methods of laboratory and instrumental studies for assessing the state of health, medical indications for conducting studies, rules for interpreting their results</p>  |  |  |
| 15. | PC-6 | <p>The ability to refer the patient for laboratory, instrumental examination, for a consultation with specialist doctors if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care, and also refer the patient for providing specialized medical care in an inpatient setting or in a day hospital if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> | <p>ID<sub>PC 6.1</sub> General issues of organizing medical care for the population methods of laboratory and instrumental studies to assess the state of health, medical indications for conducting studies, rules for interpreting their results; procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care</p> <p>ID<sub>PC 6.2</sub> Ability to justify the need and scope of laboratory examination of the patient; justify the need and scope of instrumental examination of the patient; justify the need to refer the patient for consultations with specialist doctors; determine medical indications for the provision of emergency, including emergency specialized, medical care</p> | <p>- General issues of organizing medical care for the population, methods of laboratory and instrumental studies to assess the state of health, medical indications for conducting studies, rules for interpreting their results;</p> <p>- Procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care</p>                              | <p>- Justify the need and scope of laboratory examination of the patient;</p> <p>- Justify the need and scope of instrumental examination of the patient;</p> <p>- Justify the need to refer the patient for consultations to specialist doctors;</p> <p>- Determine medical indications for the provision of emergency, including emergency specialized, medical care</p>   |  |
| 16. | PC-8 | <p>The ability to develop a treatment plan for a disease or condition and prescribe drugs, medical devices, nutritional therapy and non-drug treatment, taking into account the diagnosis, age and clinical picture in accordance with the current and procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care with taking into</p>   | <p>ID<sub>PC.8.1</sub> Knowledge of modern methods of using medicines, medical devices and clinical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care; the mechanism of action of drugs, medical products and medical nutrition, medical indications and contraindications to their use; complications caused by their use; modern methods of non-drug treatment of</p>   | <p>- Modern methods of using medicines, medical devices and clinical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care;</p> <p>- The mechanism of action of medicines, medical devices and medical nutrition, medical</p> | <p>- Draw up a treatment plan for the disease and the patient's condition, taking into account the diagnosis, the age of the patient, the clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care;</p> <p>- Prescribe medicines, medical devices and nutritional therapy, taking</p> |  |

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|     |       | <p>account the standards of medical care and evaluate the effectiveness and safety of the use of medicines, medical devices, clinical nutrition and other methods of treatment</p> | <p>diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care; mechanism of action of non-drug treatment; medical indications and contraindications to its appointment; side effects, complications caused by its use</p> <p>ID<sub>PC 8.2</sub> The ability to draw up a treatment plan for the disease and the patient's condition, taking into account the diagnosis, the age of the patient, the clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care; prescribe medicines, medical products and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care; prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition</p> | <p>indications and contraindications to their use; complications caused by their use;</p> <ul style="list-style-type: none"> <li>- Modern methods of non-drug treatment of diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care;</li> <li>- The mechanism of action of non-drug treatment; medical indications and contraindications to its appointment; side effects, complications caused by its use</li> </ul> | <p>into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care ;</p> <ul style="list-style-type: none"> <li>- Prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care;</li> <li>- Evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition</li> </ul> |  |
| 17. | PC-10 | <p>the ability to organize personalized treatment of the patient, including pregnant women, elderly and senile patients, to evaluate the effectiveness and safety of treatment</p> | <p>ID<sub>PC 10.1</sub> Modern methods of using medicines, medical devices and medical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care; the mechanism of action of drugs, medical products and medical nutrition, medical indications and contraindications to their</p>  | <ul style="list-style-type: none"> <li>- Modern methods of using medicines, medical devices and clinical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care;</li> <li>- The mechanism of action of</li> </ul>  | <ul style="list-style-type: none"> <li>- Prescribe medicines, medical devices and nutritional therapy, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care;</li> <li>- Prescribe non-drug treatment taking</li> </ul>  |  |

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|     |       |  | <p>use; complications caused by their use; modern methods of non-drug treatment of diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care ; mechanism of action of non-drug treatment; medical indications and contraindications to its appointment; side effects, complications caused by its use</p> <p>ID<sub>PC 10.2</sub> To prescribe medicines, medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care ; prescribe non-drug treatment taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care; evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition</p> | <p>medicines, medical devices and medical nutrition, medical indications and contraindications to their use; complications caused by their use;</p> <ul style="list-style-type: none"> <li>- Modern methods of non-drug treatment of diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care ;</li> <li>- The mechanism of action of non-drug treatment; medical indications and contraindications to its appointment; side effects, complications caused by its use</li> </ul> | <p>into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care;</p> <ul style="list-style-type: none"> <li>-Evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition</li> </ul> |  |
| 18. | PC-11 | <p>the ability to conduct an examination of temporary disability and work as part of a medical commission that carries out an examination of temporary disability</p>                        | <p>ID<sub>PC 11.1</sub> Knowledge of the procedure for the examination of temporary disability and signs of temporary disability of the patient; rules for processing and issuing medical documents when referring patients for specialized medical care, for sanatorium treatment, for medical and social expertise</p> <p>ID<sub>PC 11.2</sub> The ability to identify signs of temporary disability and signs of permanent impairment of body functions due to diseases, consequences of injuries or defects</p>   | <ul style="list-style-type: none"> <li>- The procedure for the examination of temporary disability and signs of temporary disability of the patient;</li> <li>- Rules for the execution and issuance of medical documents when referring patients for specialized medical care, for sanatorium treatment, for medical and social expertise</li> </ul>  | <ul style="list-style-type: none"> <li>- Identify signs of temporary disability and signs of permanent impairment of body functions due to diseases, consequences of injuries or defects</li> </ul>   |  |
| 19. | PC-12 | <p>the ability to prepare the necessary medical documentation for the implementation of a medical and social examination in federal state institutions of medical and social examination</p> | <p>ID<sub>PC 12.1</sub> Knowledge of the procedure for referring a patient to a medical and social examination; signs of persistent impairment of body functions due to diseases, consequences of injuries or defects; rules for processing and issuing medical documents when referring patients for specialized</p>   | <ul style="list-style-type: none"> <li>- Procedure for referral of a patient for medical and social examination;</li> <li>- Signs of persistent impairment of body functions due to diseases, consequences of injuries or defects;</li> <li>- Rules for the execution and issuance of medical documents</li> </ul>   | <ul style="list-style-type: none"> <li>- Identify signs of temporary disability and signs of permanent impairment of body functions due to diseases, consequences of injuries or defects</li> </ul>   |  |

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|     |         | and refer a patient who has a persistent impairment of body functions due to diseases, the consequences of injuries or defects, for a medical and social examination   | <p>medical care, for sanatorium treatment, for medical and social expertise</p> <p>ID<sub>PC 12.2</sub> Ability to identify signs of temporary disability and signs of permanent impairment of body functions due to diseases, consequences of injuries or defects</p>   | when referring patients for specialized medical care, for sanatorium treatment, for medical and social expertise  |  |  |
| 20. | PC - 13 | The ability to refer a patient in need of medical rehabilitation to a specialist doctor for prescribing and conducting medical rehabilitation measures, including for prescribing and conducting sanatorium treatment, and to perform medical rehabilitation measures for the patient, including when implementing an individual rehabilitation or habilitation program persons with disabilities, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care | <p>ID<sub>PC 13.1</sub> Knowledge of the measures for the medical rehabilitation of the patient, medical indications and contraindications for their implementation, taking into account the diagnosis in accordance with the current procedures for the provision of medical care, clinical recommendations (protocols and treatment) on the provision of medical care, taking into account the standards of medical care; medical indications and contraindications to the appointment of spa treatment as a stage of the patient's medical rehabilitation; features of medical rehabilitation of elderly and senile patients</p> <p>ID<sub>PC 13.2</sub> Ability to determine medical indications for medical rehabilitation measures, including the implementation of an individual rehabilitation or habilitation program for disabled people, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care ; determine medical specialists to carry out rehabilitation measures for a patient in need of medical rehabilitation, taking into account the diagnosis and in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care; perform measures for the medical rehabilitation of the patient in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care; prescribe sanatorium-and-spa treatment to a patient in need of medical rehabilitation, including when implementing an individual rehabilitation or habilitation program for</p> | <p>- Measures for the medical rehabilitation of the patient, medical indications and contraindications for their implementation, taking into account the diagnosis in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care;</p> <p>- Medical indications and contraindications for the appointment of spa treatment as a stage of the patient's medical rehabilitation; features of medical rehabilitation of elderly and senile patients</p> | <p>- Determine medical indications for medical rehabilitation measures, including the implementation of an individual rehabilitation or habilitation program for disabled people, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care ;</p> <p>- To identify specialist doctors to carry out rehabilitation measures for a patient in need of medical rehabilitation, taking into account the diagnosis and in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care ;</p> <p>- Perform measures for the medical rehabilitation of the patient in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care;</p> <p>Prescribe sanatorium-and-spa treatment to a patient in need of medical rehabilitation, including when implementing an individual rehabilitation or habilitation program for disabled people, in accordance with current clinical recommendations (treatment protocols) on the provision of medical care, procedures for the provision of medical care and taking into account the standards of medical</p> |  |



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|     |       |   | disabled people, in accordance with the current clinical recommendations (treatment protocols) on the provision of medical care, procedures for the provision of medical care and taking into account the standards of medical care  |   | care   |  |
| 21. | PC-17 | the ability to conduct dispensary observation of patients with identified chronic non-communicable diseases and carry out medical examination of the adult population in order to early identify chronic non-communicable diseases and the main risk factors for their development in accordance with the current regulatory legal acts and other documents | <p>ID<sub>PC 17.1</sub> Knowledge of regulatory legal acts and other documents regulating the procedures for conducting medical examinations, medical examinations and dispensary observation; principles of dispensary observation of patients with non-communicable diseases and risk factors in accordance with regulatory legal acts and other documents; list of medical specialists involved in medical examinations, medical examinations</p> <p>ID<sub>PC 17.2</sub> Ability to carry out clinical examination of the adult population in order to early detection of chronic non-communicable diseases, the main risk factors for their development; conduct dispensary observation of patients with identified chronic non-communicable diseases, including patients with high and very high cardiovascular risk</p> | <ul style="list-style-type: none"> <li>- Regulatory legal acts and other documents regulating the procedures for conducting medical examinations, clinical examination and dispensary observation;</li> <li>- Principles of dispensary observation of patients with non-communicable diseases and risk factors in accordance with regulatory legal acts and other documents;</li> <li>- List of medical specialists involved in medical examinations, medical examinations</li> </ul> | <ul style="list-style-type: none"> <li>- Carry out clinical examination of the adult population for the purpose of early detection of chronic non-communicable diseases, the main risk factors for their development;</li> <li>- Carry out dispensary observation of patients with identified chronic non-communicable diseases, including patients with high and very high cardiovascular risk</li> </ul> |  |
| 22. | PC-19 | the ability to form healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical use of narcotic drugs and psychotropic substances, evaluate the effectiveness of preventive work with patients   | <p>ID<sub>PC 19.1</sub> Knowledge of the form and methods of sanitary and educational work on the formation of elements of a healthy lifestyle, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical use of narcotic drugs and psychotropic substances</p> <p>ID<sub>PC 19.2</sub> Ability to develop and implement healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical use of narcotic drugs and psychotropic substances</p>   | <ul style="list-style-type: none"> <li>- Forms and methods of sanitary and educational work on the formation of elements of a healthy lifestyle, including programs to reduce the consumption of alcohol and tobacco, to prevent and combat the non-medical consumption of narcotic drugs and psychotropic substances</li> </ul>  | <ul style="list-style-type: none"> <li>- Develop and implement healthy lifestyle programs, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical use of narcotic drugs and psychotropic substances</li> </ul>   |  |
| 23. | PC-20 | the ability to draw up a work plan and a report on their work, to issue a passport for a medical (therapeutic) site   | ID <sub>PC 20.1</sub> Knowledge of the legislation of the Russian Federation in the field of health protection, regulations and other documents that determine the activities of medical organizations and medical workers; medical and statistical indicators of morbidity, disability and mortality, characterizing the health of the attached population, the   | <ul style="list-style-type: none"> <li>- Legislation of the Russian Federation in the field of health care, regulations and other documents that determine the activities of medical organizations and medical workers;</li> <li>- Medical and statistical indicators of morbidity, disability and mortality, characterizing the health</li> </ul>  | <ul style="list-style-type: none"> <li>- Draw up a work plan and a report on their work, draw up a passport for a medical (therapeutic) site;</li> <li>- Analyze medical and statistical indicators of morbidity, disability and mortality to assess the health of the attached population</li> </ul>  |  |

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|     |         |   | <p>procedure for their calculation and evaluation</p> <p>ID<sub>PC 20.2</sub> Ability to draw up a work plan and a report on their work, draw up a passport for a medical (therapeutic) site; analyze medical and statistical indicators of morbidity, disability and mortality to assess the health of the attached population</p>  | <p>of the attached population, the procedure for their calculation and evaluation</p>   |  |  |
| 24. | PC - 22 | <p>The ability to maintain medical records, including in electronic form, incl. in electronic form within the framework of the MIS</p>  | <p>ID<sub>PC 22.1</sub> Knowledge of the legislation of the Russian Federation in the field of health protection, regulations and other documents that determine the activities of medical organizations and medical workers; rules of work in information systems and information and telecommunications network "Internet"; rules for issuing medical documentation in medical organizations providing medical care on an outpatient basis, including at home when a medical worker is called</p> <p>ID<sub>PC 22.2</sub> Ability to fill out medical documentation, including in electronic form; work with personal data of patients and information constituting a medical secret; use information systems and information and telecommunications network "Internet" in professional activities</p> | <p>- Legislation of the Russian Federation in the field of health care, regulations and other documents that determine the activities of medical organizations and medical workers;</p> <p>- Rules of work in information systems and information and telecommunications network "Internet";</p> <p>- Rules for issuing medical documentation in medical organizations providing medical care on an outpatient basis, including at home when a medical worker is called</p> | <p>- Fill out medical documentation, including in electronic form;</p> <p>- Work with personal data of patients and information constituting a medical secret;</p> <p>- Use in professional activities information systems and information and telecommunications network "Internet"</p> |  |
| 25. | PC - 23 | <p>The ability to ensure internal quality control and safety of medical activities within the limits of official duties and control over the performance of official duties by a district nurse and other medical workers at their disposal</p> | <p>ID<sub>PC 23.1</sub> Knowledge of monitoring the performance of duties by a district nurse and other medical workers at their disposal; organization of medical care in medical organizations providing medical care on an outpatient basis, including at home when a medical worker is called</p> <p>ID<sub>PC 23.2</sub> The ability to control the performance of duties by the district nurse and other available medical workers</p>   | <p>- Monitoring the performance of official duties by a district nurse and other medical workers at their disposal;</p> <p>- Organization of medical care in medical organizations providing medical care on an outpatient basis, including at home when a medical worker is called</p>   | <p>- Supervise the performance of duties by the district nurse and other medical workers at the disposal</p>   |  |

#### 4. Sections of the academic discipline and competencies that are formed when mastering them

| №  | Competence code  | Section name of the discipline  | The content of the section in teaching units   |
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| 1. | UK-1, UK - 4, UK - 5, UK - 6, OPK - 1, OPK - 4, OPK - 5, OPK - 7, OPK - 10 OPK -11: PK - 1, PK - 2, PK-4, PC-5, PK - 6, PK-8, PK-10, PK-11, PK-12, PK - 13, PK-17, PK-19, PK-20, PK - 22, PK - 23. | Theoretical and methodological foundations of medical psychology. System approach in health psychology. The concept of mental norm.   | <ol style="list-style-type: none"> <li>1. Object and subject of clinical psychology.</li> <li>2. Main sections.</li> <li>3. Research methods.</li> <li>4. System approach in health psychology.</li> <li>5. The psyche as a complex multilevel system.</li> <li>6. The ability of the system to adapt as the main criterion of health.</li> </ol>  |
| 2. | UK-1, UK - 4, UK - 5, UK - 6, OPK - 1, OPK - 4, OPK - 5, OPK - 7, OPK - 10 OPK -11: PK - 1, PK - 2, PK-4, PC-5, PK - 6, PK-8, PK-10, PK-11, PK-12, PK - 13, PK-17, PK-19, PK-20, PK - 22, PK - 23. | Biopsychosocial model of health. Psychological factors of health.   | <ol style="list-style-type: none"> <li>1. Biological, social and psychological factors of health</li> <li>2. Definitions of stress, components and phases of stress. Sanogenic and pathogenic components of stress.</li> <li>3. Patterns of mental adaptation. The concept of a general adaptation syndrome according to G. Selye.</li> <li>4. Types of stress: frustration, conflict, change in life stereotype, social pressure.</li> <li>5. The concept of psychological defenses.</li> <li>6. Psychological response to illness.</li> <li>7. Strategies for coping with stress.</li> </ol>   |
| 3. | UK-1, UK - 4, UK - 5, UK - 6, OPK - 1, OPK - 4, OPK - 5, OPK - 7, OPK - 10 OPK -11: PK - 1, PK - 2, PK-4, PC-5, PK - 6, PK-8, PK-10, PK-11, PK-12, PK - 13, PK-17, PK-19, PK-20, PK - 22, PK - 23. | The study of disorders of mental processes and functions in various diseases, the possibilities and ways of correcting violations of individual mental processes and functions. | <ol style="list-style-type: none"> <li>1. The main methods used to diagnose mental disorders.</li> <li>2. The concept of cognitive functions.</li> <li>3. Pathology of sensory cognition (sensations, perceptions and ideas).</li> <li>4. Types and characteristics of attention in normal and pathological conditions.</li> <li>5. Forms and types of memory, memory disorders.</li> <li>6. Operational components of thinking.</li> <li>7. Pathopsychological classification of thinking pathology.</li> <li>8. Characteristics of levels of generalization.</li> <li>9. Characteristics of individual disorders of thinking.</li> </ol> |
| 4. | UK-1, UK - 4, UK - 5, UK - 6, OPK - 1, OPK - 4, OPK - 5, OPK - 7, OPK - 10 OPK -11: PK - 1, PK - 2, PK-4, PC-5, PK - 6, PK-8, PK-10, PK-11, PK-12, PK - 13, PK-17, PK-19, PK-20, PK - 22, PK - 23. | Features of the internal picture of the disease in patients of various nosological and age groups.  | <ol style="list-style-type: none"> <li>1. Psychological reaction of the individual to the disease.</li> <li>2. Ways of analysis and correction of inadequate aspects of the reaction of the individual to the disease.</li> <li>3. Techniques for transforming a maladaptive internal picture of the disease into an adaptive one .</li> <li>4. Features of psychological reactions to the disease in patients of the pediatric, adolescent, age group and in patients of elderly and senile age.</li> <li>5. The psychology of dying. Features of work with dying patients. Psychological aspects of euthanasia</li> </ol>                |
| 5. | UK-1, UK - 4, UK - 5, UK - 6, OPK - 1, OPK - 4, OPK - 5, OPK - 7, OPK - 10 OPK -11: PK - 1, PK - 2, PK-4, PC-5, PK - 6, PK-8, PK-10, PK-11, PK-12, PK - 13, PK-17, PK-19, PK-20, PK - 22, PK - 23. | Personality development in norm and pathology.  | <ol style="list-style-type: none"> <li>1. The concept of "personality". The main stages of personality formation.</li> <li>2. Basic theories of personality. Biological and social determinants of development.</li> <li>3. Classical psychoanalysis by Z. Freud.</li> <li>4. Behaviorism.</li> <li>5. Theory of activity.</li> <li>6. Disorders of personality development. Accentuations of character and personality disorders. Various diagnostic systems.</li> </ol>  |
| 6. | UK-1, UK - 4, UK - 5, UK - 6, OPK - 1, OPK - 4, OPK - 5, OPK - 7, OPK - 10 OPK -11: PK - 1, PK - 2, PK-4, PC-5, PK - 6, PK-8, PK-10, PK-11, PK-12, PK - 13, PK-17, PK-19, PK-20, PK - 22, PK - 23. | Psychosomatic approach in medicine.   | <ol style="list-style-type: none"> <li>1. History of development of the problem of psychosomatic approach.</li> <li>2. The prevalence of mental and somatic factors in the etiopathogenesis of diseases.</li> <li>3. Classification of psychosomatic disorders.</li> <li>4. The main hypotheses of the emergence of psychosomatic disorders.</li> <li>5. Psychosomatic diseases as a medical and socio-psychological problem.</li> </ol>   |

### 5. Volume of the academic discipline and types of academic work

| Type of educational work                | Labor intensity             |                               | Labor intensity (AH) in semesters |
|---|-----------------------------|-------------------------------|-----------------------------------|
|   | volume in credit units (CU) | volume in academic hours (AH) |                                   |
|   |                             |                               | 9                                 |
| Classroom work, including               | 0.37                        | 13                            | 13                                |
| Lectures (L)                            | -                           | -                             | -                                 |
| Laboratory practicum (LP)*              |                             |                               |                                   |
| Practicals (P)                          | 0.37                        | 13                            | 13                                |
| Seminars (S)                            |                             |                               |                                   |
| Student's individual work (SIW)         | 0.23                        | 8                             | 8                                 |
| Mid-term assessment                     |                             |                               |                                   |
| credit/exam ( <i>specify the type</i> ) |                             |                               |                                   |
| <b>TOTAL LABOR INTENSITY</b>            | <b>-</b>                    | <b>-</b>                      | <b>-</b>                          |

### 6. Content of the academic discipline

#### 6.1. Sections of the discipline and types of academic work

| № | Name of the section of the academic discipline  | Types of academic work* (in AH) |    |           |   |          | total     |
|---|---|---------------------------------|----|-----------|---|----------|-----------|
|   |   | L                               | LP | P         | S | SIW      |           |
| 9 | Theoretical and methodological foundations of medical psychology. System approach in health psychology. The concept of mental norm.   |                                 |    | -         |   | 1        | 1         |
| 9 | Biopsychosocial model of health. Psychological factors of health.   |                                 |    | 4         |   | 1        | 5         |
| 9 | The study of disorders of mental processes and functions in various diseases, the possibilities and ways of correcting violations of individual mental processes and functions. | -                               |    | 4         |   |          | 4         |
| 9 | Features of the internal picture of the disease in patients of various nosological and age groups.  | -                               |    | -         |   | 2        | 2         |
| 9 | Personality development in norm and pathology.  |                                 |    | 5         |   | 2        | 7         |
| 9 | Psychosomatic approach in medicine  |                                 |    | -         |   | 2        | 2         |
|   | <b>TOTAL</b>  |                                 |    | <b>13</b> |   | <b>8</b> | <b>21</b> |

\* - L – lectures; LP – laboratory practicum; P – practicals; S – seminars; SIW – student's individual work.

#### 6.2. Thematic schedule of educational work types:

6.2.1 Thematic schedule of lectures: studying the lecture course remotely as part of independent work on the LMS.

| №  | Name of lecture topics   | Volume in AH |
|----|--|--------------|
|    |  | semester 9   |
| 1. | Theoretical and methodological foundations of medical psychology. System approach in health psychology. The concept of mental norm.    | 1            |
| 2. | Biopsychosocial model of health. Psychological factors of health.  | 1            |
| 3. | Personality development in norm and pathology.   | 2            |
| 4. | Mutual influences and interdependence of mental and somatic factors in the genesis of the disease. Psychosomatic approach in medicine. | 2            |
|    | TOTAL (total - AH)   |              |

6.2.2. The thematic plan of laboratory practicums not provided by the Federal State Educational Standard.

6.2.3. Thematic plan of practicals

| № | Name of the topics of practicals  | Volume in AH |
|---|---|--------------|
|   |   | semester     |
| 1 | Psychological reaction of the individual to the disease. Features of the internal picture of the disease in patients of various nosological groups.                 | 4            |
| 2 | Diagnosis and analysis of disorders of cognitive functions in the process of experimental psychological research.   | 4            |
| 3 | Personality diagnostics in the process of experimental psychological research. Mechanisms of psychological protection. Psychodiagnostics of psychological defenses. | 5            |
|   | TOTAL (total - AH)  | 13           |

6.2.4. Thematic plan of seminars not provided by the Federal State Educational Standard

6.2.5. Types and topics of student's individual work (SIW)

| № | Types and topics of SIW   | Volume in AH |
|---|---|--------------|
|   |   | semester     |
| 1 | The study of the features of the internal picture of the disease in patients of various nosological groups. The study of literature on the topic "Peculiarities of psychological reactions to the disease in patients of the pediatric, adolescent, age group and in patients of elderly and senile age." | 2            |
| 2 | The study of disorders of mental processes and functions in various diseases, the possibilities and ways of correcting violations of individual mental processes and functions.   | 3            |
| 3 | Preparation for a discussion on the basics of mental hygiene and  | 2            |

|   |   |   |
|---|---|---|
|   | psychoprophylaxis, a healthy lifestyle . psychologicheskies techniques to relieve stress.   |   |
| 4 | Work with the literature on the topic "Possibilities for correcting the patient's inadequate self-esteem: providing emotional support, inspiring statements, positive reinterpretation of the symptom."   | 2 |
| 5 | Preparation for the discussion on the topic "Psychology of dying. The psychological reaction of the individual to the news of the presence of an incurable disease. Features of work with dying patients. Psychological aspects of euthanasia".   | 2 |
| 6 | Independent analysis and solution of situational problems, tests.   | 1 |
| 1 | The study of the features of the internal picture of the disease in patients of various nosological groups. The study of literature on the topic "Peculiarities of psychological reactions to the disease in patients of the pediatric, adolescent, age group and in patients of elderly and senile age." | 2 |
|   | TOTAL (total - AH)  |   |

### 7. Types of assessment formats for ongoing monitoring and mid-term assessment

| №  | Semester No. | Types of control                        | Name of section of academic discipline   | Competence codes  |       |          |
|----|--------------|---|--|-------------------|-------|----------|
|    |              |   |  | Kinds             | types |          |
| 1  | 2            | 3                                       | 4  | 5                 | 6     | 7        |
| 1. | 9            | Control of the development of the topic | Theoretical and methodological foundations of medical psychology. The concept of mental norm.                              | Test              | 2     | 6        |
| 2. | 9            | Control of the development of the topic | Biopsychosocial model of health. Psychological factors of health. Psychological reaction of the individual to the disease. | Test              | 2     | 6        |
|    |              |   |  | Situational tasks | 1     | 12       |
| 3. | 9            | Control of the development of the topic | Diagnosis and analysis of violations of psychological functions in the process of experimental psychological research.     | Test              | 2     | 6        |
|    |              |   |  | Situational tasks | 1     | 12       |
| 4. | 9            | Control of                              | The patient's  | T test tasks      | 10    | Computer |

|    |   |   |  |                   |    |  |
|----|---|---|--|-------------------|----|--|
|    |   | the development of the topic            | personality as a factor in the effectiveness of the treatment process. |                   |    | testing (option is formed by random sampling)          |
|    |   |   |  | Situational tasks | 1  | 10   |
| 5. | 9 | Control of the development of the topic | Psychosomatic approach in medicine.                                    | Test              | 2  | 6  |
| 6. | 9 | Intermediate certification              | All sections   | Test tasks        | 16 | Computer testing (option is formed by random sampling) |

## 8. Educational, methodological and informational support for mastering the academic discipline (printed, electronic publications, the Internet and other network resources)

### 8.1. Key literature references

| №  | Name according to bibliographic requirements   | Number of copies    |                |
|----|--|---------------------|----------------|
|    |  | at the department   | in the library |
| 1. | Ivanets, N. N. Psychiatry and medical psychology : textbook / I. I. Ivanets [and others]. - M. : GEOTAR-Media, 2016. - 896 p. - ISBN 978-5-9704-3894-7. - URL: <a href="http://www.studmedlib.ru/book/ISBN9785970438947.html">http://www.studmedlib.ru/book/ISBN9785970438947.html</a>   | Electronic resource |                |
| 2. | Lukatsky, M. A. Psychology : a textbook / M. A. Lukatsky, M. E. Ostrenkova. - 2nd ed., corrected. and additional - M. : GEOTAR-Media, 2013. - 664 p. (Series "The Physician's Psychological Compendium"). - ISBN 978-5-9704-2502-2. - URL: <a href="http://www.studmedlib.ru/book/ISBN9785970425022.html">http://www.studmedlib.ru/book/ISBN9785970425022.html</a> | Electronic resource |                |
| 3. | Myagkov, I. F. Medical psychology. Propaedeutic course : a textbook for universities / I. F. Myagkov, S. N. Bokov, S. I. Chaeva. - 2nd ed., revised. and additional - M. : Logos, 2003. - 320 p. - ISBN 5-940100-10-4  | 7                   |                |

### 8.2. Further reading

| № | Name according to bibliographic requirements   | Number of copies  |                |
|---|--|-------------------|----------------|
|   |  | at the department | in the library |
| 1 | Burlachuk, L. F. Dictionary - a guide to psychodiagnostics / L. F. Burlachuk. - 3rd ed., revised. and additional - St. Petersburg . : Progress, 2008. - 688 p. - ISBN 978-5-947233-87-2              |                   | 1              |
| 2 | Lakosina, N.D. Clinical psychology: a textbook for medical students . in knots / N. D. Lakosina, I. I. Sergeev, O. F. Pankova. - 3rd ed. - M. : MEDpress-inform, 2007. - 416 p. - ISBN 5-9832233-6-4 |                   | 1              |

|   |  |     |
|---|--|-----|
| 3 | Gosudarev , N. A. Practical psychodiagnostics / N. A. Gosudarev. - M. : Os-89, 2006. - 240 p. – ISBN 5-9853430-6-5   | 1   |
| 4 | Practical psychodiagnostics. Methods and tests: textbook / ed. D. Ya. Raigorodsky. - Samara: BAHRAKH-M, 2006. - 672 p. – ISBN 5-89570-005-5  | 1   |
| 5 | Clinical psychology: textbook / ed. B.D. Karvasarsky. - St. Petersburg . : Progress, 2002. - 960 p. – ISBN 5-8046-0187-3   | 31  |
| 6 | Psychology. Workshop for students of medical universities: a textbook for medical students . in knots / ed. N. D. Curd. - 2nd ed., revised. and add. - M .: GOU VUNMTs, 2002. - 256 p. –ISBN 5-89004-174-6 | 296 |

### 8.3. Electronic educational resources for teaching academic subjects

#### 8.3.1. Internal Electronic Library System of the University (IELSU)

#### 8.3.2. Electronic educational resources acquired by the University

| №  | Name of the electronic resource       | Brief description (content)   | Access conditions  | Number of users              |
|----|---------------------------------------|---|--|------------------------------|
| 1. | Electronic database "Student Advisor" | Educational literature + additional materials (audio, video, interactive materials, test tasks) for higher medical and pharmaceutical education. Editions are structured by specialties and disciplines in accordance with the current Federal State Educational Standards of Higher Professional Education.                    | from any computer on the Internet, using an individual login and password<br>[Electronic resource] - Access mode: <a href="http://www.studmedlib.ru/">http://www.studmedlib.ru/</a>  | General subscription of PIMU |
| 2. | Electronic library system "Bukap"     | Educational and scientific medical literature of Russian publishing houses, incl. translations of foreign publications.   | from any computer located on the Internet by login and password, from the computers of the academy. Subscribed editions are available for reading.<br>[Electronic resource] - Access mode: <a href="http://www.books-up.ru/">http://www.books-up.ru/</a>   | General subscription of PIMU |
| 3. | "Bibliopoisk"                         | Integrated search service "single window" for electronic catalogs, ELS and full-text databases. The results of a single search in the demo version include documents from domestic and foreign electronic libraries and databases available to the university as part of a subscription, as well as from open access databases. | For PIMU has access to the demo version of the Bibliopoisk search engine:<br><a href="http://bibliosearch.ru/pimu">http://bibliosearch.ru/pimu</a> .   | General subscription of PIMU |
| 4. | Domestic electronic periodicals       | Periodicals on medical topics and higher education  | - from the computers of the academy on the platform of the electronic library eLIBRARY.RU -magazines publishing house "Mediasphere" - from the computers of the library or provided library at the request of the user<br>[Electronic resource] - Access mode: <a href="https://elibrary.ru/">https://elibrary.ru/</a> |                              |
| 5. | International                         | Web of Science covers materials on  | Free access from PIMU  | Free access                  |



|  |   |  |  |                     |
|--|---|--|--|---------------------|
|  | scientometric database "Web of Science Core Collection" | natural, technical, social, humanities; takes into account the mutual citation of publications developed and provided by Thomson Reuters; has built-in search, analysis and management of bibliographic information. | computers<br>[Electronic resource] - Access to the resource at:<br><a href="http://apps.webofknowledge.com">http://apps.webofknowledge.com</a> | from PIMU computers |
|--|---|--|--|---------------------|

### 8.3.3 Open access resources

| №  | Name of the electronic resource                                      | Brief description (content)   | Access conditions                  |
|----|--|---|------------------------------------|
| 1. | Federal Electronic Medical Library (FEMB)                            | Includes electronic analogues of printed publications and original electronic publications that have no analogues recorded on other media (dissertations, abstracts, books, magazines, etc.).<br>[Electronic resource] - Access mode: <a href="http://neb.rf/">http://neb.rf/</a> | from any computer on the Internet  |
| 2. | Scientific electronic library eLIBRARY.RU                            | The largest Russian information portal in the field of science, technology, medicine and education, containing abstracts and full texts of scientific articles and publications.<br>[Electronic resource] - Access mode: <a href="https://elibrary.ru/">https://elibrary.ru/</a>  | from any computer on the Internet. |
| 3. | Scientific electronic library of open access CyberLeninka            | Full texts of scientific articles with annotations published in scientific journals in Russia and neighboring countries.<br>[Electronic resource] - Access mode: <a href="https://cyberleninka.ru/">https://cyberleninka.ru/</a>  | from any computer on the Internet  |
| 4. | Russian State Library (RSL)  | Abstracts for which there are copyright agreements with permission for their open publication [Electronic resource] - Access mode: <a href="http://www.rsl.ru/">http://www.rsl.ru/</a>  | from any computer on the Internet  |
| 5. | Reference and legal system "Consultant Plus"                         | Federal and regional legislation, judicial practice, financial advice, legislative comments, etc.<br>[Electronic resource] - Access mode: <a href="http://www.consultant.ru/">http://www.consultant.ru/</a>   | from any computer on the Internet  |
| 6. | Official website of the Ministry of Health of the Russian Federation | National Clinical Guidelines [Electronic resource] - Access mode: <a href="http://cr.rosminzdrav.ru">cr.rosminzdrav.ru</a> - Clinical guidelines  | from any computer on the Internet  |
| 7. | Public organization "Russian society                                 | [Electronic resource] - Access mode: <a href="https://psychiatr.ru/">https://psychiatr.ru/</a>  | from any computer on the Internet  |

|    |                               |  |                                      |
|----|-------------------------------|--|--------------------------------------|
|    | psychiatrists"<br>(ROP)       |  |                                      |
| 8. | Official<br>FGBNU SPC website | [Electronic resource] - Access<br>mode: ttp://www.ncpz.ru/ | from any computer on the<br>Internet |

### 9. Material and technical support for mastering an academic discipline

#### 9.1. List of premises for classroom activities for the discipline

1. 4 training rooms for practical training
2. lecture audience (club) for lectures with the possibility of using a multimedia complex - GBUZ NO "Clinical Psychiatric Hospital No. 1 of Nizhny Novgorod", st. Ulyanova, 41
3. three classrooms equipped for practical training - Research Institute of Pediatrics , . Nizhny Novgorod, st. Semashko, 22

#### 9.2. List of equipment for classroom activities for the discipline

1. 4 whiteboards for the classroom
2. furniture (student desks and chairs),
3. an amount of 7 multimedia sets
4. 5. notebooks
9. A TV set with a disk player, an amount of 5,
5. instructional videos,
6. an overhead, a set of slides
7. set of teaching drawings and diagrams

### 9.3. A set of licensed and freely distributed software, including domestic production

| Item no. | Software   | number of licenses | Type of software             | Manufacturer                 | Number in the unified register of Russian software | Contract No. and date   |
|----------|--|--------------------|------------------------------|------------------------------|--|---|
| 1        | Wtware   | 100                | Thin Client Operating System | Kovalev Andrey Alexandrovich | 1960   | 2471/05-18 from 28.05.2018  |
| 2        | MyOffice is Standard. A corporate user license for educational organizations, with no expiration date, with the right to receive updates for 1 year. | 220                | Office Application           | LLC "NEW CLOUD TECHNOLOGIES" | 283  | without limitation, with the right to receive updates for 1 year. |
| 3        | LibreOffice  |                    | Office Application           | The Document Foundation      | Freely distributed software                        |   |
| 4        | Windows 10 Education   | 700                | Operating systems            | Microsoft                    | Azure Dev Tools for                                |   |

|   |   |     |                       |           |                              |   |
|---|---|-----|-----------------------|-----------|------------------------------|---|
|   |   |     |                       |           | Teaching<br>Subscriptio<br>n |   |
| 5 | Yandex. Browser   |     | Browser               | «Yandex»  | 3722                         |   |
| 6 | Subscription to<br>MS Office Pro<br>for 170 PCs for<br>FGBOU VO<br>"PIMU" of the<br>Ministry of<br>Health of Russia | 170 | Office<br>Application | Microsoft |                              | 23618/HN100<br>30 LLC<br>"Softline<br>Trade" from<br>04.12.2020 |

8.

9.

