

**THE MINISTRY OF SCIENCE AND HIGH EDUCATION  
RUSSIAN FEDERATION**

Federal State Budget-Financed Educational Institution  
of Higher Education "Ulyanovsk State University"

**Approved:**

The Decision Of The Academic Council Of USU,  
Protocol No. 13/326 from 27 of June 2023

Chairman Of The Academic Council Of USU,

Rector Of USU

/ B. M. Kostishko/



**Basic professional educational program  
higher education**

**(with the development of the main part of the educational program in English)**

**Direction of preparation**

31.05.01 " General Meicine»

**Qualification (degree)**

**General practitioner**

**Form of training**

full-time form of training

**Standard term of development of the program on a full-time form of training**

6 years

**To put into action "1" September 2023**

**Ulyanovsk**

## РЕЦЕНЗИЯ

**на основную профессиональную образовательную программу высшего образования  
на английском языке**

**по направлению подготовки 31.05.01 «Лечебное дело» (специалитет)  
разработанную ФГБОУ ВО «Ульяновский государственный университет»**

Представленная к рецензированию основная профессиональная образовательная программа по направлению 31.05.01 «Лечебное дело» представляет собой систему документов, разработанную и утвержденную с учетом требований рынка труда на основе приказа Министерства науки и высшего образования Российской Федерации от 12 августа 2020 г. №988 «Об утверждении федерального государственного образовательного стандарта высшего образования – специалитет по специальности 31.05.01 Лечебное дело» и Приказа Министерства труда и социальной защиты Российской Федерации от 21 марта 2017 г. «Об утверждении профессионального стандарта «Врач-лечебник (врач-терапевт участковый)» №293н.

Основная профессиональная образовательная программа (ОПОП) регламентирует цели, ожидаемые результаты, содержание, условия и технологии реализации образовательного процесса, оценку качества подготовки выпускника и включает в себя учебный план, рабочие программы учебных дисциплин, рабочие программы учебной и производственной практик, программу государственной итоговой аттестации, кадровую, материально-техническую и информационно - библиотечную обеспеченность ОПОП.

В целом, следует отметить глубину и полноту раскрытия всех разделов программы, соответствие содержания применяемым в ней терминам и понятиям.

Общая трудоемкость программы составляет 360 зачетных единиц за весь период обучения в соответствии с ФГОС ВО по направлению подготовки 31.05.01 «Лечебное дело», включает все виды аудиторной и самостоятельной работы студента, практики и время, отводимое на контроль качества освоения студентом ОПОП.

Структура программы специалитета включает обязательную базовую часть и вариативную часть, которая формируется участниками образовательных отношений. Программа специалитета состоит из следующих блоков: Блок 1 «Дисциплины (модули)» относящиеся к базовой части программы, и дисциплины (модули), относящиеся к ее вариативной части. Блок 2 «Практики» в полном объеме относится к базовой части программы. Блок 3 «Государственная итоговая аттестация» в полном объеме относится к базовой части программы.

Содержание и организация учебного процесса при реализации образовательной программы в полном объеме раскрыты в учебном плане, календарном учебном графике.

Срок освоения рецензируемой ОПОП (уровень освоения – специалитет) составляет 6 лет. Обучение проводится на английском языке с 1 по 6 курс.

Структура программы полностью соответствует ФГОС ВО и способствует качественной подготовке конкурентоспособных профессионалов, обладающих фундаментальными знаниями и компетенциями в области медицины; способных понимать сущность и социальную значимость своей профессии, обладающих глубоким уважением к здоровью человека, профессиональной этикой и чувством долга.

Содержание рабочих программ учебных дисциплин, программ практик свидетельствует о наличии в них перечня планируемых результатов обучения по

дисциплине или практике, соотнесенных с планируемыми результатами освоения программы. В рабочих программах каждой учебной дисциплины четко сформулированы конечные результаты обучения в органичной увязке с приобретаемыми компетенциями.

Образовательная программа по направлению подготовки 31.05.01 включает рабочие программы дисциплин как базовой, так и вариативной частей учебного плана, включая дисциплины по выбору студента, программы практик и государственной итоговой аттестации. Оценка рабочих программ учебных дисциплин позволяет сделать вывод о высоком их качестве и достаточном уровне методического обеспечения. Содержание учебных дисциплин соответствует компетентностной модели выпускника. В результате освоения программы специалитета у выпускника должны быть сформированы общекультурные, общепрофессиональные и профессиональные компетенции в соответствии с профессиональным стандартом «Врач-лечебник (врач-терапевт участковый)». Все указанные компетенции представлены в ОПОП и четко определены в рабочих программах учебных дисциплин, программах практик и в программе государственной итоговой аттестации. Компетенции обобщены в Матрице компетенций.

В учебном процессе рецензируемой ОПОП ВО предполагается использование активных и интерактивных форм проведения занятий, включая дискуссии, деловые игры, разбор конкретных ситуаций и др.

В соответствии с требованиями ФГОС ВО для аттестации обучающихся на соответствие их персональных достижений поэтапным требованиям ОПОП ВО созданы фонды оценочных средств (ФОС) для проведения текущего контроля успеваемости и промежуточной аттестации. ФОС включают в себя: - контрольные вопросы и типовые задания для практических занятий, контрольных работ, зачетов и экзаменов; - тестовые задания по изучаемым дисциплинам; - иные формы контроля, позволяющие оценить степень сформированности компетенций обучающихся. Конкретные формы и процедуры текущего контроля успеваемости обучающихся по каждой дисциплине разработаны кафедрами университета, ведущими подготовку по направлению 31.05.01 «Лечебное дело», закреплены в рабочих программах учебных дисциплин и практик.

Государственная итоговая аттестация выпускников медицинского факультета УлГУ проводится по окончании полного курса обучения по направлению подготовки 31.05.01 «Лечебное дело» на русском языке согласно локальным нормативным актам УлГУ для определения степени соответствия уровня профессиональной подготовки выпускников требованиям Федерального государственного стандарта высшего образования по направлению подготовки 31.05.01 «Лечебное дело» с последующей выдачей дипломов государственного образца.

Государственная итоговая аттестация по направлению подготовки 31.05.01 «Лечебное дело» осуществляется поэтапно и включает в себя следующие этапы аттестационных испытаний:

- Проверку уровня освоения практических навыков (практические умения),
- Проверку уровня теоретических знаний (междисциплинарное тестирование),
- Оценку умений решать конкретные профессиональные задачи в ходе собеседования по ситуационным задачам (междисциплинарное собеседование).

Для достижения поставленной цели программой производственной и учебной практики предусматривается направление студентов в лечебные учреждения на основании подписанных договоров. Программа нацелена на воспитание личности, владеющей культурой мышления и способной максимально реализовать свой профессиональный потенциал в медицине. Для максимального приближения программы к условиям будущей профессиональной деятельности студентов к преподаванию дисциплин привлекаются работодатели.

Обеспеченность основной профессиональной образовательной программы научно-педагогическими кадрами соответствует нормативу. Материально-техническое обеспечение соответствует требованиям ФГОС ВО.

Каждый обучающийся обеспечен доступом к электронно-библиотечной системе, содержащей издания по изучаемым дисциплинам. Библиотечный фонд укомплектован в соответствии с нормативными требованиями. Электронно-библиотечная система обеспечивает возможность индивидуального доступа для каждого обучающегося из любой точки, в которой есть доступ к сети Интернет.

В заключении содержание, уровень и качество основной профессиональной образовательной программы по направлению подготовки 31.05.01 «Лечебное дело» (уровень специалитет) на английском языке, разработанной в ФГБОУ ВО «Ульяновский государственный университет» соответствуют требованиям Федерального образовательного государственного стандарта высшего образования по направлению подготовки 31.05.01 «Лечебное дело» и профессионального стандарта «Врач-лечебник (врач-терапевт участковый)». Рецензируемая программа способствует формированию общекультурных, общепрофессиональных и профессиональных компетенций по направлению подготовки 31.05.01 «Лечебное дело»; условия ведения образовательного процесса по представленной основной профессиональной образовательной соответствует требованиям ФГОС ВО по направлению подготовки 31.05.01 «Лечебное дело» и профессиональному стандарту «Врач-лечебник (врач-терапевт участковый)».

Главный врач ГУЗ «Ульяновского областного  
клинического центра специализированных  
видов медицинской помощи  
им. Заслуженного врача России У.М. Чучкалова»

Ретьман С.В.



## **РЕЦЕНЗИЯ**

**на основную профессиональную образовательную программу высшего образования  
по направлению подготовки**

**31.05.01 «Лечебное дело» на английском языке (специалитет)**

**разработанную ФГБОУ ВО «Ульяновский государственный университет»**

Основная профессиональная образовательная программа (ОПОП) высшего образования (ВО) специалитета по направлению подготовки 31.05.01 «Лечебное дело» соответствует требованиями Федерального государственного образовательного стандарта высшего образования (ФГОС ВО) по направлению подготовки 31.05.01–«Лечебное дело».

Программа отвечает основным требованиям стандарта ОПОП по направлению подготовки 31.05.01 «Лечебное дело» и включает в себя: учебный план, аннотации учебных дисциплин, программу государственной итоговой аттестации, программы учебной и производственной практик, календарный учебный график и методические материалы.

Структура программы специалитета включает базовую и вариативную части и состоит из следующих блоков:

Блок 1 «Дисциплины (модули)» относящиеся к базовой части программы, и дисциплины (модули), относящиеся к ее вариативной части.

Блок 2 «Практики» в полном объеме относится к базовой части программы.

Блок 3 «Государственная итоговая аттестация» в полном объеме относится к базовой части программы.

В соответствии с ФГОС ВО по направлению подготовки 31.05.01 «Лечебное дело» общая трудоемкость программы составляет 360 зачетных единиц за весь период обучения. Программа включает все виды аудиторной и самостоятельной работы студента, практики и время, отводимое на контроль качества освоения студентом ОПОП.

График учебного процесса позволяет выдерживать объем учебной нагрузки, включая все виды учебной работы по освоению ОПОП. Объем аудиторных учебных занятий и объем каникулярного времени соответствует стандарту. Срок освоения рецензируемой ОПОП (уровень освоения – специалитет) составляет 6 лет. Дисциплины учебного плана по рецензируемой ОПОП формируют весь необходимый перечень общекультурных, общепрофессиональных и профессиональных компетенций, предусмотренных ФГОС ВО и профессиональным стандартом «Врач-лечебник (врач-терапевт участковый)».

Дисциплины учебного плана по рецензируемой ООП формируют весь необходимый перечень общекультурных, общепрофессиональных и профессиональных компетенций, предусмотренных ФГОС ВО. В числе конкурентных преимуществ программы следует отметить, что к ее реализации привлекается достаточно опытный профессорско-преподавательский состав, а также ведущие практические деятели. Одним из преимуществ является учет требований работодателей при формировании дисциплин обязательной части, которые по своему содержанию позволяют обеспечить компетенции выпускника. Качество содержательной составляющей учебного плана не вызывает сомнений. Включенные в план дисциплины раскрывают сущность актуальных на сегодняшний день проблем медицины.

Учебная работа специалитета по направлению подготовки 31.05.01 «Лечебное дело» организуется в следующих формах: лекции, семинарские и практические занятия, лабораторные практикумы, самостоятельная работа, практики. В учебном процессе рецензируемого ОПОП ВО предполагается использование активных и интерактивных форм проведения занятий, включая дискуссии, деловые игры, Case-study, круглые столы и др. В соответствии с требованиями ФГОС ВО для аттестации обучающихся на соответствие их персональных достижений поэтапным требованиям соответствующей ОПОП созданы фонды оценочных средств для проведения текущего контроля успеваемости и промежуточной аттестации. Эти фонды включают контрольные вопросы и типовые задания для практических занятий, зачетов и экзаменов; тесты; примерную тематику докладов, а также иные формы контроля, позволяющие оценить степень сформированности компетенций обучающихся.

Государственная итоговая аттестация выпускников медицинского факультета УлГУ проводится по окончании полного курса обучения по направлению подготовки 31.05.01 «Лечебное дело» на русском языке согласно локальными нормативным актам УлГУ для определения степени соответствия уровня профессиональной подготовки выпускников требованиям Федерального государственного стандарта высшего образования по направлению подготовки 31.05.01 «Лечебное дело» с последующей выдачей дипломов государственного образца.

Государственная итоговая аттестация по направлению подготовки 31.05.01 «Лечебное дело» осуществляется поэтапно и включает в себя следующие этапы аттестационных испытаний:

- Проверку уровня освоения практических навыков (практические умения),
- Проверку уровня теоретических знаний (междисциплинарное тестирование),
- Оценку умений решать конкретные профессиональные задачи в ходе собеседования по ситуационным задачам (междисциплинарное собеседование).

Фонды оценочных средств государственной итоговой аттестации включает в себя:

- перечень компетенций, которыми должен овладеть обучающийся в результате освоения образовательной программы;
- описание показателей и критериев оценивания компетенций;
- типовые контрольные задания или иные материалы, необходимые для оценки результатов освоения образовательной программы;
- методические материалы, определяющие процедуры оценивания результатов освоения образовательной программы.

Разработанные по ОПОП фонды оценочных средств позволяют объективно оценить результаты обучения и результаты освоения ОПОП.

Обеспеченность ООП научно-педагогическими кадрами соответствует предъявляемым нормам. Доля профессорско-преподавательских работников, имеющих образование, соответствующее профилю преподаваемой дисциплины (модуля), в том числе научно-педагогических работников, реализующих программу специалитета, составляет более 70 процентов. Доля научно-педагогических работников, имеющих ученую степень и ученое звание, в общем числе научно-педагогических работников, реализующих программу специалитета, составляет более 65 процентов.

Материально-техническое обеспечение учебного процесса по направлению подготовки 31.05.01. «Лечебное дело» соответствует требованиям ФГОС ВО.

Основная профессиональная образовательная программа высшего образования по специальности 31.05.01—«Лечебное дело» на английском языке, разработанная в федеральном государственном бюджетном образовательном учреждении высшего образования «Ульяновский государственный университет» Министерства науки и высшего образования РФ соответствует требованиям федерального государственного образовательного стандарта высшего образования по данной специальности, профессионального стандарта «Врач-лечебник (врач-терапевт участковый)» и другим нормативно-правовым актам, регламентирующим подготовку и реализацию таких образовательных программ.

ОПОП по специальности 31.05.01 – «Лечебное дело» на английском языке, разработанная в федеральном государственном бюджетном образовательном учреждении высшего образования «Ульяновский государственный университет», может быть рекомендована к использованию в учебном процессе.

Главный врач  
ГУЗ «ЦК МСЧ имени заслуженного врача России  
В.А. Егорова»



Келин Ю.Б.

## CONTENT

### **1. Generalities**

1.1. Basic professional educational program (BPEP) specialist program, implemented by the Ulyanovsk state University in the direction of training 31.05.01 General medicine.

1.2. Normative documents for the development of BPEP specialist in the direction of training 31.05.01 General medicine.

1.3. General characteristics of the University BPEP of higher education (specialty).

1.3.1. The purpose (mission) BPEP specialist 31.05.01 "General medicine»

1.3.2. Term development of BPEP specialist 31.05.01 "General medicine»

1.3.3. The complexity BPEP specialist 31.05.01 "General medicine»

1.4. Requirements to the applicant

### **2. Characteristics of professional activity of graduates BPEP specialist in the direction of training 31.05.01 "General medicine»**

2.1. Area of professional activity of the graduate.

2.2. Types of professional activity of the graduate.

### **3. Graduate competence, formed as a result of the development of BPEP (UC,GPC, PC) according to Federal state educational standard of high education.**

### **4. The documents regulating the contents and organization of education process when realizing BPEP specialist in the direction of training 31.05.01 General medicine at USU**

4.1. Calendar training schedule (Annex 1)

4.2. Curriculum for specialist training (Annex 2)

4.3. Working programs of academic disciplines (Annex 3).

4.4. Programs of educational and industrial practices (Annex 6).

4.5 Working program of upbringing work (Annex 10)

4.6 Curriculum for upbringing work (Annex 11)

4.7. Working program of state final certification of graduates of the BPEP (Annex 8)

### **5. The actual resource provision BPEP specialist in the direction of training 31.05.01 General medicine at USU**

5.1. Staffing of the educational process.

5.2. Educational-methodical and information support of educational process.

5.3. Logistical support of the process.

5.4. Persons with disabilities

6. Characteristics of the University environment, ensuring the development of General cultural and socio-personal competencies of graduates



## **7. Normative-methodical provision of assessment of the quality of studying the development of BPEP specialist in the direction of training 31.05.01 "General medicine»**

7.1. Assessment funds for ongoing performance monitoring and interim assessment

7.2. The program of the state final certification of graduates of BPEP specialty

7.3. The mechanism for assessing the quality of educational activities and training of students in the implementation of BPEP in accordance with the Federal State Educational Standard in 3++.

### **Application**

1. Academic calendar schedule
2. Educational curriculum
3. Working programs of academic disciplines
4. Assessment funds for ongoing performance monitoring and interim assessment of academic disciplines
5. Abstracts of educational programs of disciplines
6. Educational programs of practices
7. Assessment funds for ongoing performance monitoring and interim assessment of practices
8. The program of the state final certification of graduates of BPEP specialty
9. Assessment funds of the state final certification of graduates
10. Working program of upbringing work
11. Curriculum for upbringing work

## **1. General provisions**

1.1. The Basic Professional Educational Program (PBEP) of the specialty, implemented by the university in the direction of training for the General Medicine on 31.05.01, is a system of documents developed and approved by Ulyanovsk State University taking into account the requirements of the labor market based on the Federal State Educational Standard for the relevant speciality of Higher Education 3++(FSES HE).

1.2. Regulatory documents for the development of the BEP in the direction of training of the 31.05.01 "General Medicine":

### **External documents**

1. Federal laws of the Russian Federation: "On education in the Russian Federation" (Dated from December 29, 2012 No. 273 - FZ (as amended on 07.13.2015));
2. Order of the Ministry of education of the Russian Federation "On approval of the Order of organization and implementation of educational activities on educational programs of higher education – specialty programs, master's programs" № 301 from 5.04.2017;
3. Order of the Ministry of Education and Science of the Russian Federation dated June 29, 2015 No. 636 "On approval of the Procedure for the state final certification of educational programs of higher education - bachelor's degree programs, specialty programs, Master's degree programs";
4. Order of the Ministry of Education and Science of the Russian Federation dated November 27, 2015 No. 1383 "On approval of the Regulations on the practice of students mastering the basic professional educational programs of higher education";
5. Order of the Ministry of Science and Higher Education of the Russian Federation from August 12, 2020 No. 988 "On approval of the Federal State educational standard of higher education - specialty in the specialty 31.05.01 General medicine";
6. Federal State Standard of Higher Education - specialty 31.05.01 Medical practice, approved by Order of the Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020 No. 988;
7. Order of the Ministry of Science and Higher Education of the Russian Federation from November 26, 2020 No. 1456 "On Amendments to the Federal State higher education standards";

Order of the Ministry of Labor and Social Protection of the Russian Federation from March 21, 2017 "On the approval of the professional standard " General practitioner" No. 293n

8. Professional standard " General practitioner", approved by the order of the Ministry of Labor and Social Protection of the Russian Federation Federation of March 21, 2017 No.293n

### **Internal and local acts of USU**

1. STO-3-03-19 "Management of documented information of the quality management system (QMS)";
2. DP-2-04-12 "Organization and practice of students in the programs of secondary vocational education and higher education (bachelor's degree, specialty, master's degree)";
3. DP-2-31-08 "Design and development of the main professional educational programs of higher education (bachelor's degree, specialty, master's degree).

4. DP-2-01-19 "Conducting the state final certification on the main professional educational programs of higher education (bachelor's degree, specialty, master's degree)"
5. DP-2-05-16 "Conducting ongoing monitoring of academic performance and intermediate certification of students in educational programs of secondary vocational education and higher education (bachelor's degree, specialty, master's degree)"
6. The Charter of the Federal state budgetary educational institution of Higher Education "Ulyanovsk State University" (UISU);
7. BSM-2 Manual (Bachelor's degree, specialty, Master's degree) on development curricula in accordance with the requirements of the Federal state standards of higher education (FSES HE 3++), approved by the order of the Rector Ulyanovsk State University dated May 11, 2021 "On the introduction of the Guidelines BSM-1 and BSM-2 (Bachelor's degree, specialty, Master's degree) for the development of curricula in accordance with the requirements of the current Federal State educational standards of higher education (FSES HE 3+ and FSES HE 3++) dated May 11, 2020 No. 363
8. The order of the Rector of the Ulyanovsk State University from April 29, 2021 "On the introduction of amendments to the Documented Procedure "Design and development of basic professional programs of higher education (bachelor's degree, specialty, Master's degree)" No. 349
9. Order of the Rector of Ulyanovsk State University dated May 11, 2021 "On approval of the Unified List of Achievement Indicators universal competencies (UC) by levels of higher education: bachelor's degree, specialty, Master's degree" No. 362
10. Order of the Rector of the Ulyanovsk State University dated June 03, 2021. "On the introduction of the Procedure for the Inclusion of university courses (disciplines) in the curricula of the main educational programs of higher education (Bachelor's degree, specialty) by choice" No. 437

### 1.3. General characteristics of the university BPEP in the direction of the specialty

BPEP in the specialty 31.05.01 General Medicine is a set of basic characteristics of education in the specialty 31.05.01 General Medicine (volume, content, planned results), organizational and educational conditions, forms attestation, which is presented in the form of a general characteristic of the BPEP, curriculum, calendar schedule, working programs of disciplines, practice programs, work program of upbringing work, calendar plan of upbringing work, SFC program, the fund of evaluation tools and teaching materials that ensure the implementation of the relevant program.

1.3.1. The purpose (mission) of the BEP of specialty is to create conditions for the fundamental and practical orientation of training specialists to an international standards, national traditions of higher medical education and ensuring the competitiveness of graduates of Ulyanovsk State University on the domestic and foreign labor markets; for the implementation of lifelong education, as focused on the needs of the individual, society and the state..

1.3.2. The duration of training of the BEP as a specialist is 6 years. The duration of the mastering of the basic educational program in English is governed by local regulations of the University, and it is 6 years. The educational process during the specified period of study is carried out in English (with the exception of practice, implying direct contact with Russian-

speaking patients, while studying at the USU Medical Faculty) using the appropriate methodological materials of specialized departments.

1.3.3. The complexity of the BEP on specialty program is 360 credit units for the entire period of study in accordance with the BPEP in the direction of preparation 31.05.01 "Medical business", includes all types of classroom and independent work of the student, practice and time allotted to control the quality of development of the student BPEP.

#### 1.4. Requirements for applicants

The applicant must have a state document exemplar on secondary (full) general education or secondary vocational education and, testifying to the development of the content of education of full secondary school and the presence of formed competencies. Admission conditions and requirements for the applicant are regulated by the rules of admission to the Ulyanovsk state University.

### **2. Characteristics of the professional activity of the graduates of the BEP on specialty in the direction of training 31.05.01 "General Medicine"**

#### 2.1. The field of professional activity of graduates:

The field of professional activity of graduates who have mastered the program of specialty includes the protection of the health of citizens by ensuring the provision of medical care in accordance with the established requirements and standards in the field of health care.

#### 2.2. Types of professional activity of graduates:

medical;

organizational and administrative;

When developing BPEP HE in the specialty 31.05.01 General medicine, professional competencies are defined on the basis of a professional standard. The code of the professional standard is 02.009, the name of the professional standard - Professional standard " General practitioner". The professional standard is selected from the number specified in the Federal State Educational Standard for the specialty 31.05.01 Medical Business, in accordance with the Federal State Educational Standard 3++, and fully corresponds to the professional activity of the graduate.

### **3. The planned results of the development of the BPEP HE (UC, GPC, PC) under the current Federal State Educational Standard**

As a result of mastering the specialty program, the graduate must have universal, general professional and professional competencies, established by BPEP HE the 31.05.01 General medicine, in accordance with the requirements of the current Federal State Educational Standard in the specialty 31.05.01 General medicine.

#### **3.1. Indicators of competence achievement**

##### **3.1.1. Universal competencies and indicators of their achievement**

| <i>Name of the category (group) of universal competencies</i> | <i>The code and name of the universal competence</i> | <i>The code and name of the indicator (indicators) of achieving universal</i> |
|---|--|---|
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|  |   | <i>competence</i>  |
|--|---|--|
| System and critical thinking               | <p>UC-1.</p> <p>To be able to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy for actions</p> | <p>IA-1UC1</p> <p>Know the methods of developing an action strategy for identifying and solving a problem situation</p> <p>IA-2UC1</p> <p>Be able to apply the methods of a systematic approach and critical analysis of problem situations</p> <p>IA-3UC1</p> <p>Master the methodology of system and critical analysis of problem situations</p>   |
| Development and implementation of projects | <p>UC 2</p> <p>To be able to manage a project at all stages</p>   | <p>IA 1 UC 2</p> <p>Know the stages of the project life cycle, the stages of its development and implementation</p> <p>IA-2UC2</p> <p>Be able to develop a project taking into account the analysis of alternative options for its implementation, determine the target stages, the main directions of work</p> <p>IA-3UC2</p> <p>Master the methods of project development and management</p> |
| Teamwork and leadership                    | <p>UC 3</p> <p>To be able to organize and manage the work of the team, developing a team strategy to achieve the set goal</p>                           | <p>IA-1UC3</p> <p>Know the methods of forming teams</p> <p>IA-2 UC3</p> <p>Be able to develop a plan for group and organizational communications during the preparation and implementation of the project</p>  |

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|  |  | <p>IA-3 UC3</p> <p>Able to analyze, design and organize interpersonal, group and organizational communications in a team to achieve a set goal</p>  |
| Communication  | <p>UC-4</p> <p>To be able to apply modern communication technologies, including in a foreign language (s), for academic and professional interaction</p> | <p>IA-1 UC4</p> <p>Know the rules and patterns of personal and business oral and written communication</p> <p>IA-2 UC4</p> <p>Be able to apply in practice communication technologies, methods and methods of business communication for academic and professional interaction</p> <p>IA-3 UC4</p> <p>Master the methodology of interpersonal business communication in Russian and foreign languages with the use of language forms, means and modern communication technologies</p> |
| Cross-cultural interaction                                     | <p>UC-5</p> <p>Able to analyze and take into account the diversity of cultures in the process of intercultural interaction</p>                           | <p>IA-1 UC 5</p> <p>Know the patterns and features of the socio-historical development of various cultures</p> <p>IA-2 UC 5</p> <p>Be able to understand and tolerate the diversity of society</p> <p>IA-3 UC 5</p> <p>Master the methods and skills of effective intercultural interaction</p>   |
| Self-organization and self-development (including health care) | <p>UC-6</p> <p>To be able to determine and implement the priorities of his</p>   | <p>IA-1 UC 6</p> <p>Know the methods of self-assessment, self-control and</p>   |

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|             | <p>own activity and ways to improve it on the basis of self-assessment and lifelong education</p>   | <p>self-development using health-saving approaches</p> <p>IA-2 UC 6</p> <p>Be able to solve the problems of their own personal and professional development, determine and implement priorities for improving their own activities</p> <p>IA-3 UC 6</p> <p>Possess technologies and skills of managing their cognitive activity and improving it on the basis of self-assessment, self-control and principles of self-education throughout life, including using health-saving approaches and techniques</p> |
|             | <p>UC-7</p> <p>To be able to maintain the proper level of physical fitness to ensure full-fledged social and professional activities of</p>   | <p>IA-1 UC7</p> <p>Know the types of physical exercises</p> <p>IA-2 UC 7</p> <p>Be able to apply in practice a variety of means of physical culture, sports and tourism to preserve and strengthen health and psychophysical training</p> <p>IA-3 UC 7</p> <p>Possess the means and methods of strengthening individual health to ensure full-fledged social and professional activities</p>   |
| Life safety | <p>UC-8</p> <p>To be able to create and maintain safe living conditions in everyday life and in professional activity for the preservation of the natural environment, ensuring the</p> | <p>IA-1 UC 8</p> <p>Know the classification and sources of emergency situations of natural and man-made origin</p> <p>IA-2 UC 8</p>  |

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|   | <p>sustainable development of society, including in the event of a threat and occurrence of emergency situations and military conflicts,</p> <p>or to be able to create and maintain safe living conditions, including in the event of emergency situations</p> | <p>Be able to maintain safe living conditions</p> <p>IA-3 UC 8</p> <p>Have the skills to apply the basic methods of protection in emergency situations</p>   |
| Inclusive competence  | <p>UC - 9</p> <p>To be able to use basic knowledge in inclusion</p>   | <p>IA 1 UC 9</p> <p>Know the basic inclusion terminology. Has a basic understanding of nosologies related to disability and disabilities</p> <p>IA-2 UC 9</p> <p>Be able to show tolerance for the peculiarities of persons with disabilities and disabilities in the social and professional spheres</p> <p>IA -3 UC 9</p> <p>Possess ways of interacting with people with disabilities and disabilities in the social and professional spheres</p> |
| Economic culture, including financial literacy in various areas of life | <p>UC -10</p> <p>To be able to make informed economic decisions in various areas of life</p>  | <p>IA-1UC 10</p> <p>Know the basic principles of the functioning of the economy and economic development, the goals and forms of state participation in the economy</p> <p>IA-2 UC 10</p> <p>Be able to apply methods of economic and financial planning to achieve current and long-term financial goals in various areas of life</p>   |



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|                |  | IA-3UC 10<br>Possess the ability to make informed economic decisions   |
| Civil position | UC 11<br>To be able to form an intolerant attitude to corrupt behavior | IA-1 UC 11<br>Know the meaning of the main legal categories, the essence of corrupt behavior and the forms of its manifestation in various spheres of public life. Demonstrates knowledge of Russian legislation, as well as anti-corruption standards of behavior, respect for the law and the law<br><br>IA-2 UC 11<br>Be able to assess and identify corruption risks, shows an intolerant attitude to corrupt behavior<br><br>IA-3 UC 11<br>Possess the ability to carry out social and professional activities on the basis of a developed legal awareness and a formed legal culture |

### 3.1.2. General professional competencies and indicators of their achievement

| <i>Code and name of the general professional competence</i>   | <i>Code and name of the indicator of achievement of general professional competence</i>   |
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| GPC-1 is able to implement moral and legal norms, ethical and deontological principles in the professional activity | IA-1 GPC1<br>To know: the relationship "doctor-patient", "doctor-relatives"; moral and ethical norms, rules and principles of professional medical behavior, the rights of the patient and the doctor; the main ethical documents of international and domestic professional medical associations and organizations.<br><br>IA-2 GPC 1<br>Be able to: protect the civil rights of doctors |

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|   | <p>and patients of various ages; apply techniques and techniques of effective communication in professional activities; use methods of self-regulation of behavior in the process of interpersonal communication.</p> <p>IA-3 GPC 1</p> <p>Possess: methods of effective communication in professional activity; methods of self-regulation of behavior in the process of interpersonal communication.</p>  |
| <p>GPC-2. It is able to carry out and monitor the effectiveness of measures for prevention, formation of a healthy lifestyle and sanitary and hygienic illumination of the population</p> | <p>IA-1 GPC 2</p> <p>Know: the basics of legislation on the sanitary and epidemiological well-being of the population, the main official documents regulating anti-epidemiological providing services to the population in infectious and parasitic diseases; regulatory documents for the prevention of hospital infections, the organization of medical control over the state of public health, maintaining standard accounting and reporting medical documentation in medical organizations; indicators of public health, factors that shape human health (environmental, professional, climatic, endemic, social, epidemiological, psycho-emotional, professional, genetic); diseases associated with the adverse effects of climatic and social factors; the basics of preventive medicine, the organization of preventive measures aimed at improving the health of the population; methods of sanitary and educational work.</p> <p>IA-2 GPC 2</p> <p>Be able to: plan, analyze and evaluate the quality of medical care, the state of public health and the impact of environmental and industrial factors on it; participate in the organization and provision of therapeutic and preventive and sanitary-anti-epidemic assistance to the population taking into account its socio-professional (including professional sports) and age-sex</p> |

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|   | <p>structures; perform preventive, hygienic and anti-epidemic measures; conduct environmental expertise and environmental forecasting of human activity; determine the patient's status: collect anamnesis, conduct a survey of the patient and/or his relatives, conduct a physical examination of the patient (examination, palpation, auscultation, blood pressure measurement, determination of the properties of the arterial pulse, etc.); conduct a primary survey of systems and organs: the nervous, endocrine, immune, respiratory, cardiovascular, blood and blood-forming organs, digestive, urinary, reproductive, musculoskeletal and joint, eye, ear, throat, nose; to assess the social factors that affect physical and psychological health of the patient's cultural, ethnic, religious, individual, family, social risk factors (unemployment, violence, sickness, and death of relatives, etc.).</p> <p>IA-3 GPC 2</p> <p>Possess: assessments of the state of public health; methods of general clinical examination; interpretation of the results of laboratory, instrumental diagnostic methods; correct management of medical documentation; an algorithm for a detailed clinical diagnosis; an algorithm for making a preliminary diagnosis with subsequent referral of the patient to the appropriate specialist doctor.</p> |
| <p>GPC 3 Capable of countering the use of doping in sports and combating it</p> | <p>IA-1 GPC 3</p> <p>Know: the procedure of doping control; the principles of organizing and conducting anti-doping preventive work.</p> <p>IA-2 GPC 3</p> <p>Be able to: navigate the list of prohibited substances and methods.</p> <p>IA-3 GPC 3</p> <p>Possess: the ability to independently track changes to the "prohibited list".</p>   |
| <p>GPC – 4</p>  | <p>IA of GPC -4</p>  |

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| <p>To be able to use medical devices for providing medical care, as well as to conduct examinations of the patient in order to establish a diagnosis</p> | <p>To know: the basics of the legislation of the Russian Federation on public health protection, the main regulatory and technical documents; the basic principles of management and organization of medical care to the population; the organization of medical control over the state of public health, issues of disability expertise and medical and legal assistance to the population;</p> <p>etiology, pathogenesis and prevention measures of the most common diseases; modern classification of diseases; the clinical picture, features of the course and possible complications of the most common diseases occurring in a typical form in different age groups;</p> <p>diagnostic methods, diagnostic capabilities of methods of direct examination of the patient of therapeutic, modern methods of clinical, laboratory instrumental examination of patients (including endoscopic, X-ray, ultrasound diagnostics); criteria for the diagnosis of various diseases; clinical and pharmacological characteristics of the main groups of drugs and the rational choice of specific drugs in the treatment of major pathological syndromes of diseases and emergency conditions in patients; procedures for providing medical care for major diseases of therapeutic profiles.</p> <p>IA of GPC-4</p> <p>Be able to: plan, analyze and evaluate the quality of medical care, determine the patient's status: collect anamnesis, conduct a survey of the patient and/or his relatives, conduct a physical examination of the patient (examination, palpation, auscultation, blood pressure measurement, determination of the properties of the arterial pulse, etc.); assess the patient's condition to make a decision about the need for medical care; conduct an initial examination of the systems and organs: nervous, endocrine, immune, respiratory, cardiovascular, blood and hematopoietic organs, digestive, urinary, reproductive,</p> |
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|  | <p>musculoskeletal and joints, eye, ear, throat, nose; set priorities for solving the patient's health problems: critical (terminal) condition, condition with pain syndrome, condition with chronic disease, condition with infectious disease, disability, geriatric problems; to make a preliminary diagnosis – to synthesize information about the patient in order to determine the pathology and its causes; to outline the scope of additional studies in accordance with the prognosis of the disease, to clarify the diagnosis and obtain a sufficient result; to formulate a clinical diagnosis; to develop a plan of therapeutic actions, taking into account the course of the disease and its treatment; to formulate indications for the chosen method of treatment, taking into account etiologic and pathogenetic agents, to justify pharmacotherapy in a particular patient with major pathological syndromes and urgent conditions, to determine the route of administration, regimen and dose of medications, to evaluate the effectiveness and safety of the treatment; to apply various methods of drug administration.</p> <p>IA of GPC -4</p> <p>Master: Master the methods of using medical devices in the diagnosis and treatment of therapeutic patients</p> |
| <p>GPC – 5</p> <p>A capability to assess morpho-functional, physiological conditions and pathologies in the human body to solve professional objectives.</p> | <p>IA 1 of GPC -5</p> <p>To know:</p> <p>etiology, pathogenesis, diagnostics, peculiar features of a clinical course, possible complications of the common internal organs diseases.</p> <p>functional systems of the human organism, their regulation and self-regulation after being exposed to the effects of the environment, peculiarities of functioning in the normal state and in pathology</p> <p>IA 2 of GPC -5</p> <p>Be able to: use educational, scientific, popular</p>  |

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|  | <p>scientific literature, the Internet for professional activities;</p> <p>to work with magnifying equipment (microscopes, optical and simple magnifiers); to describe morphological changes electronograms; interpret the results of the most common methods of functional diagnostics used to detect the pathology of blood, heart and blood vessels, lungs, kidneys, liver and other organs and systems; evaluate the results of electrocardiography; spirometry; thermometry; hematological parameters; distinguish normal values of metabolite levels in blood serum (glucose, urea, bilirubin, uric acid, lactic and pyruvic acids, etc.), to register ECG in experimental animals and humans, to determine the main types of arrhythmias, signs of ischemia and myocardial infarction from ECG data; carry out cytological assessment of inflammatory exudate and determination of phagocytic activity; calculate and analyze the leukocyte formula; formulate, determine and evaluate the results of electrocardiography; spirometry; thermometry; hematological indicators; distinguish normal values of metabolite levels in blood serum (glucose, urea, bilirubin, uric acid, lactic and pyruvic acids, etc.) from pathologically altered ones</p> <p>AI-3 of GPC-5</p> <p>To own to: methods of physical examination of the patient.</p> |
| <p>GPC-6. To be able to organize patient care, provide primary health care, ensure the organization of work and professional decision-making in urgent conditions at the pre-hospital stage, in emergency situations, epidemics and in the centers of mass destruction</p> | <p>IA-1 GPC 6</p> <p>Know: the functional responsibilities of junior medical personnel, ward and procedural nurses; deontological aspects of patient care; the basics of the legislation of the Russian Federation on public health protection, the main regulatory and technical documents; the basic principles of management and organization of medical care to the population; the basics of legislation on sanitary and</p>  |

epidemiological welfare of the population, the main regulatory documents for the prevention of hospital infections, the organization of work of junior and secondary medical personnel in medical organizations; fundamentals of preventive medicine, organization of preventive measures aimed at strengthening the health of the population; methods of sanitary and educational work; organization of medical control over the health of the population, maintaining standard accounting and reporting medical documentation in medical organizations; organization of work of junior and secondary medical personnel in medical organizations; - basics of organizing medical (outpatient and inpatient) care for various groups of the population, criteria for the diagnosis of various diseases; features of first aid and resuscitation measures for victims of road injuries, drowning, electric trauma, strangulation asphyxia, methods of restoring the patency of the upper respiratory tract.

#### IA-2 GPC 6

Be able to: organize patient care; plan, analyze and evaluate the quality of medical care, the state of public health and the impact of environmental and industrial factors on it; participate in the organization and provision of therapeutic and preventive and sanitary-anti-epidemic assistance to the population, taking into account its socio-professional

(including professional sports) and age-sex structures; perform preventive, hygienic and anti-epidemic measures; determine the patient's status: collect anamnesis, conduct a survey of the patient and/or his relatives, conduct a physical examination of the patient (examination, palpation, auscultation, blood pressure measurement, determination of the properties of the arterial pulse, etc.); apply various methods of administration of drugs; make a preliminary diagnosis-synthesize information about the patient in order to determine the pathology and the causes that

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|  | <p>cause it; to examine patients with various traumatic injuries, with purulent-septic conditions, to identify life-threatening disorders during bleeding, to apply transport tires, bandages and kerchiefs, to introduce medicines through drains and microirrigators, to assess the suitability of blood and its preparations for transfusion, to monitor hemodynamic and respiratory indicators; to carry out resuscitation measures in the event of clinical death; carry out measures with the population of the attached area for the primary and secondary prevention of the most common diseases requiring therapeutic or surgical treatment, carry out preventive measures to increase the body's resistance to adverse environmental factors using various methods of physical culture and sports, hardening, promote a healthy lifestyle; fill out a medical history, write a prescription.</p> <p>IA-3 GPC 6</p> <p>Possess: methods of organizing patient care, the quality of medical care; possess methods for providing primary pre-medical medical care; methods for conducting medical examinations and prescribing therapeutic measures.</p> |
| <p>GPC-7. It is able to prescribe treatment and monitor its effectiveness and safety</p> | <p>IA -1 GPC 7</p> <p>Know: classification and main characteristics of medicines, pharmacodynamics and pharmacokinetics indications and contraindications for the use of medicines, side effects; general principles of prescribing and composing prescription prescriptions of medicines; methods of treatment and indications for their use; the mechanism of therapeutic action of physical therapy and physiotherapy, indications and contraindications to their appointment, features of their use</p> <p>types and methods of modern general anesthesia (mask, endotracheal, intravenous), prevention of postoperative pulmonary</p>  |



complications, - clinical and pharmacological characteristics of the main groups of drugs and rational choice of specific drugs in the treatment of major pathological syndromes of diseases and emergency conditions in patients, including the basics of anti-doping legislation.

#### IA-2 GPC 7

Be able to: use physical, chemical and biological equipment; classify chemical compounds based on their structural formulas; predict the direction and result of physico-chemical processes and chemical transformations of biologically important substances; use the IUPAC nomenclature for compiling names according to formulas of typical representatives of biologically important substances and medicines; analyze the effect of medicines according to the totality of their pharmacological properties and the possibility of their use for therapeutic treatment; prescribe prescriptions for medicines, use various dosage forms in the treatment of certain pathological conditions, based on the characteristics of their pharmacodynamics and pharmacokinetics; apply basic antibacterial antiviral and biological

to evaluate possible manifestations of drug overdose and ways to eliminate them; to formulate indications for the chosen method of treatment, taking into account etiologic and pathogenetic agents, to justify pharmacotherapy in a particular patient with major pathological syndromes and urgent conditions, to determine the route of administration, regimen and dose of drugs, to evaluate the effectiveness and safety of the treatment; to apply various methods of drug administration.

#### IA-3 GPC 7

Possess: methods of analyzing clinical, laboratory and instrumental data to determine the algorithm of patient management, drawing

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|   | up drug and non-drug treatment regimens.  |
| <p>GPC -8</p> <p>Is able to implement and monitor the effectiveness of the patient's medical rehabilitation, including in the implementation of individual rehabilitation and habilitation programs for disabled people, to assess the patient's ability to carry out work activities</p> | <p>IA of GPC -8</p> <p>To know: indicators of public health, factors that form human health (environmental, professional, natural and climatic, endemic, social, epidemiological, psycho-emotional, about diseases associated with the adverse effects of climatic and social factors; the basics of preventive medicine, the organization of preventive measures aimed at improving public health; etiology, pathogenesis and prevention measures of the most common diseases; modern classification of diseases; clinical picture, features of the course and possible complications of the most common diseases occurring in a typical form in various age groups; diagnostic methods, diagnostic capabilities of methods of direct examination of the patient of therapeutic, modern methods of clinical, laboratory instrumental examination of patients (including endoscopic, X-ray, ultrasound diagnostics); treatment methods and indications for their use; the mechanism of therapeutic action of physical therapy and physiotherapy, indications and contraindications to their appointment, features of their implementation; clinical manifestations; predisposition, general principles and features of the diagnosis of hereditary diseases, principles of origin and diagnostic significance of morphogenetic variants of diseases.</p> <p>IA of GPC -8</p> <p>Be able to: plan, analyze and evaluate the quality of medical care, the state of health of the population and the impact of environmental and industrial factors on it; determine the patient's status: collect anamnesis, conduct a survey of the patient and/or his relatives, conduct a physical examination of the patient (examination, palpation, auscultation, measurement of blood pressure, determination of the properties of the arterial pulse, etc.); assess the patient's condition to make a</p> |

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|   | <p>decision on the need for medical care; to conduct a primary examination of the systems and organs: nervous, endocrine, immune, respiratory, cardiovascular, blood and hematopoietic organs, digestive, urinary, reproductive, musculoskeletal and joints, eye, ear, throat, nose; to assess social factors affecting the state of physical and psychological health of the patient: 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 its causes; to outline the scope of additional studies in accordance with the prognosis of the disease, to clarify the diagnosis and obtain a sufficient result; to use methods of primary and secondary prevention in medical activities (based on evidence-based medicine), to establish cause-and-effect relationships of changes in the state of health from the impact of environmental factors; to carry out measures with the population of the attached area for the primary and secondary prevention of the most common diseases requiring therapeutic; to use methods of primary and secondary prevention in medical activities (based on evidence-based medicine), to establish cause-and-effect relationships of changes in the state of health from the impact of environmental factors.</p> <p>IA-3 of GPC-8</p> <p>Master: methods of general clinical examination; interpretation of the results of laboratory, instrumental diagnostic methods; correct management of medical documentation; an algorithm for a detailed clinical diagnosis; an algorithm for making a preliminary diagnosis with subsequent referral of the patient to the appropriate specialist doctor.</p> |
| <p>GPC-9.<br/>To be able to implement the principles of</p> | <p>IA-1 GPC 9<br/>Know: etiology, pathogenesis, diagnosis,</p>  |

quality management in the professional activity

treatment, prevention of the most common surgical diseases; precautions, special clothing; clinical picture, features of the course and possible complications of the most common diseases occurring in a typical form features of medical care in emergency conditions; modern methods of clinical, laboratory and instrumental diagnostics of patients, surgical profile; general principles and features of the diagnosis of hereditary diseases and congenital anomalies; types and methods of modern anesthesia; methods and methods of prevention of postoperative pulmonary complications; features of intensive care; requirements and rules for obtaining informed consent of the patient for diagnostic and therapeutic procedures; basic principles of diagnosis, treatment and rehabilitation of infectious patients, indications for hospitalization of patients with infectious diseases; features of collecting highly pathogenic biological materials; implementation of specific and non-specific prevention of infectious diseases; epidemiology of infectious, parasitic and non-communicable diseases, implementation of anti-epidemic measures, protection of the population in the foci of particularly dangerous infections, with the deterioration of the radiation situation and natural disasters; the basics of organizing outpatient and inpatient care for the population, modern organizational forms of work and diagnostic capabilities of the polyclinic service; the main clinical manifestations of skin and venereal diseases, human immunodeficiency virus (HIV) and sexually transmitted infections; - features of the organization of work with patients with HIV infection; the basics of the organization of outpatient and inpatient care to the population, modern organizational forms of work of tuberculosis dispensaries, the main clinical manifestations of tuberculosis of internal organs, features of the organization of work with patients with tuberculosis infection; requirements and rules for obtaining informed

consent of the patient for diagnostic and therapeutic procedures; methods of emergency measures and indications for hospitalization of patients; the main clinical manifestations of diseases of the nervous system, oncological pathology, features of their diagnosis and observation; general principles and features of the diagnosis of hereditary diseases and congenital anomalies of the nervous system.

#### IA-2 GPC 9

Be able to: collect a complete medical history of the patient, conduct a survey of the patient, his relatives (collect biological, medical, psychological and social information); conduct a physical examination of the patient of various ages (examination, palpation, auscultation, measurement of blood pressure( BP), determination of pulse characteristics, respiratory rate), send him to a laboratory and instrumental examination, for consultation with specialists; interpret the results of the examination, make a preliminary diagnosis to the patient, outline the scope of additional studies to clarify the diagnosis; formulate a clinical diagnosis; develop a treatment plan taking into account the course of the disease, select and prescribe drug therapy, use non-drug treatment methods, carry out rehabilitation measures for surgical diseases, identify life-threatening disorders and provide first aid to victims in the affected areas in emergency situations; determine the presence of a fracture and dislocation, free gas in the abdominal cavity; hydro - and pneumothorax; analyze and evaluate the quality of medical care, the state of public health, the influence of lifestyle factors, the environment and the organization of medical care on it; perform resuscitation and first aid techniques in case of cardiac arrest, anaphylactic shock, blockage of the upper respiratory tract, collapse, vasovagal attack, epileptic seizure, or other emergency situations that may occur in professional practice.

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|   | <p>IA-3 GPC 9</p> <p>Possess: possess methods of conducting a survey of the patient, his relatives (to collect biological, medical, psychological and social information); methods of conducting a survey of a patient of various ages.</p>   |
| <p>GPC-10.</p> <p>To be able to understand the principles of modern information technologies and use them to solve the tasks of professional activity</p> | <p>IA-1 GPC 10</p> <p>Know: a lexical minimum of 4000 educational lexical units of a general and terminological nature (for a foreign language); basic medical and pharmaceutical terminology in Latin; mathematical methods for solving intellectual problems and their application in medicine; the basics of probability theory and mathematical statistics; the composition and purpose of the main elements of a personal computer, their characteristics; concepts and classification of software.</p> <p>IA-2 GPC 10</p> <p>Be able to: use at least 900 terminological units and term elements, use educational, scientific, popular science literature, the Internet for professional activities; conduct statistical processing of experimental data; investigate functions using derivatives and plot graphs of functions; tabulate experimental data, graphically represent them, interpolate, extrapolate to find the desired values; differentiate and integrate using formulas and the simplest techniques; calculate the absolute and relative errors of the result, use educational, scientific, popular science literature, the Internet for professional activities; conduct statistical processing of experimental data; calculate the main characteristics and estimates of the distribution of a discrete random variable.</p> <p>IA-3 GPC 10</p> <p>Possess: methods for conducting statistical processing of experimental data; methods for conducting statistical processing of experimental data; - explore functions using</p> |

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|   | derivatives and build graphs of functions.   |
| GPC-11. Is able to prepare and apply scientific, scientific and production, design, organizational and managerial and regulatory documentation in the healthcare system | <p>IA-1 GPC 11</p> <p>Know: the maintenance of standard accounting and reporting medical documentation in medical organizations; the basics of the technique of translating a scientific text in the specialty, the basics of annotating and referencing a scientific text; the main types of special dictionary and reference literature and the rules for working with it; the concept of science; classification of sciences; scientific research and its stages; methodological foundations of scientific knowledge, modern classification of diseases.</p> <p>IA-2 GPC 11</p> <p>Be able to: use databases for storing and using information in healthcare; use computer programs to solve problems of mathematical statistics in professional activities; interpret and use data from the main instrumental methods of examination (ECG, ultrasound, X-ray, ECHO CS, FVD, FGDS, etc.), independently take an ECG; correctly draw up documentation.</p> <p>IA-3 GPC 11</p> <p>Possess: the basics of working on a personal computer, the ability to maintain medical records.</p> |

### 3.1. 3. The list of PCs formed on the basis of Professional Standard (PS)

| №  | Code and name of the PS          | Generalized labor function  | Labor function   | PC code and name   |
|----|----------------------------------|---|--|--|
| 1. | 02.009<br>"General practitioner" | <b>Provision of primary health care adult population on an outpatient basis, which does not provide for their round-the-clock</b> | Providing medical care to the patient in urgent or emergency forms | PC-1<br>Readiness to participate in the provision of emergency medical care in conditions requiring urgent medical |

|    |                                  |  |  |   |
|----|----------------------------------|--|--|---|
|    |                                  | <b>medical supervision and treatment, including at home</b>  |  | intervention  |
| 2. | 02.009<br>"General practitioner" | <b>Provision of primary health care adult population on an outpatient basis, which does not provide for their round-the-clock medical supervision and treatment, including at home</b> | Conducting an examination of the patient in order to establish a diagnosis   | PC – 2<br>Readiness to collect and analyze the patient’s complaints, the data of his case history, examination results laboratory, instrumental, pathological and anatomical and other investigations for the purpose of identifying the condition or establishing the fact if the disease is present or not. |
| 3. | 02.009<br>"General practitioner" | <b>Provision of primary health care adult population on an outpatient basis, which does not provide for their round-the-clock medical supervision and treatment, including at home</b> | Prescribing treatment and monitoring its effectiveness and safety  | PC -3<br>Readiness to manage and treat patients with various nosological forms in outpatient and inpatient conditions   |
| 4. | 02.009<br>"General practitioner" | <b>Provision of primary health care adult population on an outpatient basis, which does not provide for their round-the-clock medical supervision and treatment, including at home</b> | Implementation and monitoring of the effectiveness of the patient's medical rehabilitation, including the implementation of individual rehabilitation programs or habilitation of disabled people, assessment of | PC-4<br>Readiness to determine the need for the use of natural therapeutic factors, medicinal, non-drug therapy and other methods in patients who need medical rehabilitation and sanatorium-resort treatment   |



|    |                                  |  |   |  |
|----|----------------------------------|--|---|--|
|    |                                  |  | the patient's ability to carry out work activities  |  |
| 5. | 02.009<br>"General practitioner" | <b>Provision of primary health care adult population on an outpatient basis, which does not provide for their round-the-clock medical supervision and treatment, including at home</b> | Conducting and monitoring the effectiveness of measures for the prevention and formation of a healthy lifestyle and sanitary and hygienic education of the population | PC-5<br>The ability and readiness to implement a set of measures aimed at preserving and strengthening health and including the formation of a healthy lifestyle, prevention of the occurrence and (or) spread of diseases, their early diagnosis, identification of the causes and conditions of their occurrence and development, as well as aimed at eliminating the harmful effects of environmental factors on human health |
| 6. | 02.009<br>"General practitioner" | <b>Provision of primary health care adult population on an outpatient basis, which does not provide for their round-the-clock medical supervision and treatment, including at home</b> | Maintaining medical records and organizing the activities of the nursery personal   | PC-6<br>Ability to apply the basic principles of organization and management in the field of public health protection, in medical organizations and their structural divisions   |

### 3.1.4. Professional competencies and indicators of their achievement by types of tasks of professional activity

| <i>Name of the category (group) of professional</i> | <i>Code and name of professional</i> | <i>Code and name of the indicator of achievement of</i> | <i>Basis(PS)</i> |
|---|--------------------------------------|---|------------------|
|---|--------------------------------------|---|------------------|

| <i>competencies</i>  | <i>competence</i>   | <i>professional competence</i>   |        |
|--|---|--|--------|
| Providing medical care to the patient in urgent or emergency forms         | <p>PC-1</p> <p>Readiness to participate in the provision of emergency medical care in conditions requiring urgent medical intervention</p>  | <p>IA1 of PC -1</p> <p>To know: the main causes of conditions requiring urgent medical intervention in obstetric-gynecological, therapeutic and surgical practice, their differential diagnosis, as well as the tactics of providing emergency medical care in such conditions.</p> <p>IA1 of PC -3</p> <p>Be able to: provide emergency medical care for conditions requiring urgent medical intervention, in obstetric and gynecological, therapeutic and surgical practice.</p> <p>IA1 of PC -3</p> <p>Possess: algorithms for providing emergency medical care in obstetric and gynecological, therapeutic and surgical practice in threatening conditions</p> | 02.009 |
| Conducting an examination of the patient in order to establish a diagnosis | <p>PC – 2</p> <p>Readiness to collect and analyze the patient’s complaints, the data of his case history, examination results laboratory, instrumental, pathological and anatomical and other investigations for the purpose of identifying the condition or establishing the fact if</p> | <p>IA1 of PC -2</p> <p>To know:</p> <p>diagnostic significance of measurements, found at a clinical examination of a patient, while using the methods of laboratory and instrumental diagnostics.</p> <p>IA2 of PC -2</p> <p>To be able to:</p> <p>carry out interviewing, a physical examination of a</p>   | 02.009 |

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|   | the disease is present or not.   | <p>patient; to read the results of lab and instrumental diagnostics and use them to support a clinical diagnosis.</p> <p>IA3 of PC -2</p> <p>To own to:</p> <p>clinical examination of a patient, interpretation of additional examination methods' findings, an algorithm of supporting a preliminary and clinical diagnosis.</p>   |        |
| Prescribing treatment and monitoring its effectiveness and safety | <p>PC -3</p> <p>Readiness to manage and treat patients with various nosological forms in outpatient and inpatient conditions</p> | <p>IA 1 of PC 3</p> <p>To know: the criteria for the diagnosis of the most common diseases of the internal organs. Features of the organization and scope of work of an outpatient doctor, modern diagnostic capabilities of the polyclinic service, methods of emergency measures, indications for planned hospitalization; features of the treatment of diseases of internal organs in outpatient conditions, including day hospital conditions.</p> <p>IA 2 of PC 3</p> <p>To be able to: formulate indications for the chosen method of treatment, taking into account etiologic and pathogenetic agents; develop an algorithm for the tactics of managing a patient with a therapeutic profile in a polyclinic.</p> | 02.009 |

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|   |  | IA 2 of PC 3<br>To own to: an algorithm for determining the tactics of managing a patient with therapeutic pathology.   |        |
| Implementation and monitoring of the effectiveness of the patient's medical rehabilitation, including the implementation of individual rehabilitation programs or habilitation of disabled people, assessment of the patient's ability to carry out work activities | PC-4<br>Readiness to determine the need for the use of natural therapeutic factors, medicinal, non-drug therapy and other methods in patients who need medical rehabilitation and sanatorium-resort treatment                                      | IA 1 of PC 4<br>To know: methods of administration of medicines in patients with various diseases who need medical rehabilitation and spa treatment.<br><br>IA 1 of PC 4<br>Be able to: apply various methods of drug administration in patients with various diseases who need medical rehabilitation and spa treatment.<br><br>IA 1 of PC 4<br>Possess: the skills of using different methods of administration of medicines in sanatorium-resort conditions in patients who need medical rehabilitation and sanatorium-resort treatment. | 02.009 |
| Conducting and monitoring the effectiveness of measures for the prevention and formation of a healthy lifestyle and sanitary and hygienic education of the population   | PC-5<br>The ability and readiness to implement a set of measures aimed at preserving and strengthening health and including the formation of a healthy lifestyle, prevention of the occurrence and (or) spread of diseases, their early diagnosis, | IA 1 of PC 5<br>to know: the technique of wet cleaning of premises, ventilation of wards, the technique of current and final disinfection; methods and methods of sanitary treatment of patients in the emergency department; - methods of treatment of patients with pediculosis; methods of conducting anthropometry;   | 02.009 |

|  |  |   |               |
|--|--|---|---------------|
|  | <p>identification of the causes and conditions of their occurrence and development, as well as aimed at eliminating the harmful effects of environmental factors on human health</p> | <p>dietary tables and their significance in therapeutic measures for the recovery of patients; methods of measuring blood pressure; methods of studying the pulse on the arteries and its properties; methods of counting respiratory movements.</p> <p>IA 2 of PC 5</p> <p>Be able to: carry out wet cleaning of wards, current and final disinfection; carry out sanitary treatment of the patient in the emergency department; conduct anthropometry; count respiratory movements and evaluate the result; measure blood pressure; examine the pulse on the arteries and evaluate the result.</p> <p>IA 3 of PC 5</p> <p>Master: the technique of wet cleaning of wards, current and final disinfection; the method of sanitary treatment of the patient in the emergency department; the method of anthropometry; the method of counting respiratory movements; the method of measuring blood pressure; the method of studying the pulse on the arteries.</p> |               |
| <p>Maintaining medical records and organizing the activities of the nursery personal</p> | <p>PC-6</p> <p>Ability to apply the basic principles of organization and management in the</p>   | <p>IA 1 of PC 6</p> <p>To know: the state policy in the field of public health protection; the basics of organizing medical care for the</p>  | <p>02.009</p> |

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|  | <p>field of public health protection, in medical organizations and their structural divisions</p> | <p>population; the basics of management, planning, financing of medical organizations and their structural divisions.</p> <p>IA 2 of PC 6</p> <p>Be able to: apply basic principles of organization and management in the field of public health protection, in medical organizations and their structural divisions.</p> <p>IA 3 of PC 6</p> <p>Possess: methods for calculating and analyzing performance indicators of medical organizations.</p> |  |
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**4. Documents regulating the content and organization of the educational process during the implementation of the BPEP for a specialty degree program in the direction of the training of 31.05.01 “General Medicine” in USU**

In accordance with GEF on direction of training 31.05.01 General medicine the content and organization of educational process in the implementation of this BPEP is regulated by academic schedule (Ann 1), the curriculum, taking into account its profile (Ann 2); the working programs of disciplines (Ann 3), working programs of practices (Ann 6), the working programs of upbringing work (Ann 10); the curriculum of upbringing work (Ann 11), working program of State final certification (Ann8), materials, ensuring the quality of training and education of students; programs of educational and industrial practices/

The specialty program consists of the following blocks:

Block 1 " Disciplines (modules)", which includes disciplines related to the basic part of the program and disciplines related to its variable part.

In accordance with the BPEP HE the specialty 31.05.01 General medicine mandatory part includes discipline "Philosophy", "History", "Foreign language", "Safety", "Physical culture and sports", and in part formed by the participants of educational relations included discipline "Elective course in physical culture and sports".

Block 2 "Practices", which fully relates to the basic part of the program.

Block 3 "State final certification", which fully relates to the basic part of the program.

Elective subjects. Elective subjects are not included in the scope of the specialty program.

4.1. Calendar training schedule (Annex 1)

4.2. Curriculum for specialist training (Annex 2)

4.3. Educational programs of academic disciplines (Annex 3).

4.4. Programs of practices (Annex 6).

Training practice programs:

1. Care of surgical patients
2. Therapeutic patient care
3. Project activities
4. Introductory practice
5. Assistant nurse
6. Diagnostic practice
7. Practice in obtaining primary professional skills of a doctor of an inpatient institution
8. Practice in obtaining primary professional skills and skills of an outpatient clinic doctor

Industrial practice programs:

1. Assistant to junior medical personnel
2. Assistant ward nurse
3. Practice in obtaining professional skills and professional experience in the positions of secondary medical personnel
4. Assistant doctor of an inpatient institution
5. Assistant doctor of outpatient polyclinic
- 4.5. Working program of upbringing work (Appendix 10)
- 4.6. Calendar plan of upbringing work (Appendix 11)
- 4.7. SFC program (Appendix 8)

## **5. Actual resource support for the BEP on specialty in the direction of training on 31.05.01 "General Medicine" in USU**

- 5.1. Staff acquisition to the educational process.

The implementation of the program of specialty is provided by the management and scientific and pedagogical workers of the organization, as well as by persons involved in the implementation of the program of specialty under the terms of a civil law contract.

The fraction of scientific and pedagogical workers (in terms of integer rates) with an education corresponding to the profile of the teaching discipline (module), in the total number of scientific and pedagogical workers implementing the program of specialty, must be at least 70 percent.

The fraction of academic staff (in terms of integer rates) with a degree (including a degree awarded abroad and recognized in the Russian Federation) and (or) an academic title (including an academic title obtained abroad and recognized in the Russian Federation), in the total number of scientific and pedagogical workers implementing the program of specialty, must be at least 65 percent.

The fraction of employees (in terms of integer rates) from the number of managers and employees of organizations whose activities are related to the type(s) of professional activity in which the student is preparing, and(or) specialization and(or) orientation (profile) of the specialty program being implemented (having work experience in this professional field for at least 3 years), in the total number of employees implementing a specialty program, there should be at least 10 percent.

## 5.2. Educational, methodical and informational supports of the educational process.

During the entire period of study, each student should be provided with individual unlimited access to one or several electronic library systems (electronic libraries) and to the organization's electronic information and educational environment. The electronic library system (electronic library) and the electronic information and educational environment must provide access for the student from anywhere in which there is access to the information and telecommunication network "Internet", both in the organization's territory and outside it.

The organization's electronic information and educational environment should provide:

- access to the curricula, work programs of disciplines (modules), practices, and the publications of electronic library systems and electronic educational resources indicated in the work programs;
- fixing the course of the educational process, the results of intermediate certification and the results of mastering the main educational program;
- conducting all kinds of classes, procedures for assessing learning outcomes, the implementation of which is provided for using e-learning, distance learning technologies;
- the formation of an electronic portfolio of the student, including the preservation of the student's work, reviews and assessments of these works by any participants in the educational process;
- interaction between participants of the educational process, including synchronous and (or) asynchronous interaction via the Internet.

The functioning of the electronic information and educational environment is ensured by appropriate means of information and communication technologies and the qualifications of the



employees who use and support it. The functioning of the electronic information and educational environment must comply with the legislation of the Russian Federation (Federal Law of July 27, 2006 No. 149-ФЗ "On Information, Information Technologies and Protection of Information" (collected legislation of the Russian Federation, 2006, No. 31, Article 3448; 2010, No. 31, Article 4196; 2011, No. 15, Article 2038; No. 30, Article 4600; 2012, No. 31, Article 4328; 2013, No. 14, Article 1658; No. 23, Article 2870; No. 27, Article 3479; No. 52, Article 6961, Article 6963; 2014, No. 19, Article 2302; No. 30, Article 4223, Article 4243, No. 48, Article 6645; 2015, No. 1, 84), Federal Law of July 27, 2006 No. 152-ФЗ "On Personal Data" (the Assembly of Laws Russian Federation, 2006, No. 31, Article 3451; 2009, No. 48, Article 5716; No. 52, Article 6439; 2010, No. 27, Article 3407; No. 31, Article 4173, Article 4196; No. 49, Article 6409; 2011, No. 23, Article 3263; No. 31, Article 4701; 2013, No. 14, Article 1651; No. 30, Article 4038; No. 51, Article 6683; 2014, No. 23, 2927, No. 30, Art. 4217, 4243).

Ulyanovsk state University IS provided with the necessary set of licensed software (the composition is determined in the working programs of disciplines (modules)).

Electronic library systems (electronic library) and electronic information-educational environment should provide simultaneous access of at least 25 percent of students in the specialty program.

The students should be provided with access (remote access), including in the case of e-learning, distance learning technologies, to modern professional databases and information reference systems, the composition of which is determined in the work programs of the disciplines (modules) and is subject to annual updates.

Students with disabilities should be provided the printed and (or) electronic educational resources in terms of the adaptation to their health restrictions.

### 5.3. Logistical process.

The organization has a material and technical base that complies with applicable fire regulations and standards and ensures the conduct of all types of disciplinary and interdisciplinary training, practical and research work of students as provided by the curriculum.

In the case of the implementation of a specialty program in a network form, the requirements for the implementation of a specialty program should be provided with a set of material and technical support resources provided by organizations participating in the implementation of a specialty program in a network form.

In the case of the implementation of a specialty program, established in the established order in other organizations departments or other structural subdivisions of the organization, the requirements for the implementation of the specialty program is be provided with a set of resources of these organizations.

Special premises should be classrooms for lecture-type classes, seminar-type classes, course design (coursework), group and individual counseling, monitoring and interim certification, as well as premises for independent work and premises for the storage and preventive maintenance of educational equipment. Special premises should be equipped with specialized furniture and technical training aids that serve to present educational information to a large audience.

For conducting lecture-type classes, sets of demonstration equipment and visual aids are

provided, providing thematic illustrations corresponding to exemplary programs of disciplines (modules), working curricula of disciplines (modules).

The list of logistics required for the implementation of a specialist program includes laboratories equipped with laboratory equipment, depending on the degree of its complexity. Specific requirements for material, technical and educational support are determined in the approximate basic educational programs.

Rooms for independent work of students should be equipped with computer equipment with the ability to connect to the Internet and provide access to the organization's electronic information and educational environment.

The list of material and technical support necessary for the implementation of the BEP of training of specialists includes:

- laboratories in physics and mathematics, chemistry, biochemistry, biological chemistry, biology, physiology, microbiology and virology, pharmacology, pathological anatomy, pathophysiology;

- Research Biomedical Center;

- anatomical halls, anatomical museum, mortuary;

- specially equipped classrooms and audiences for the study of humanitarian and socio-economic disciplines, hygiene, public health and health care;

- Simulation center of medical modeling;

- computer classes with Internet access;

- training rooms equipped to receive and show patients;

- medical rooms - training rooms, equipped with the necessary equipment, to work with children and adolescents receiving preventive, diagnostic, therapeutic (therapeutic and surgical sections) and rehabilitation assistance;

- Sports halls of USU

5.4. If necessary, students from among persons with disabilities (at the request of the student) may be offered one of the following options for the perception of information, taking into account their individual psychophysical characteristics:

- for persons with disabilities: in print large print; in electronic form; in the form of an audio file (the translation of educational materials in audio format); in printed form, in Braille; individual consultations with the involvement of Teploenergetika; individual assignments and consultations;

- for persons with hearing impairments: in hard-copy form; in electronic form; video with subtitles; individual consultations with the involvement of a sign language interpreter; individual assignments and consultations;

- for persons with disorders of the musculoskeletal system: in hard-copy form; in electronic form; in the form of an audio file; individual assignments and consultations.

6. Organization of upbringing work at the University

The basis of the upbringing work is the creation and development of an educational space (environment) that creates conditions for the education of a patriot – citizen, the education of a professional, to counteract negative phenomena in the youth environment. The main ideas of upbringing work are the unity of educational and extracurricular educational activities, orientation to the moral ideals and values of civil society, consideration of socio-economic, cultural and other features of the region; combination of administrative management and self-government of students, competence and project approach, digitalization of education and life, reliance on psychological, social, cultural and other characteristics of students, implementation of the principle of inclusion in the organization of educational activities.

Work on the organization of upbringing work at Ulyanovsk State

University is carried out by employees of the Department of External Relations, Youth Policy and social work of the service of the Vice-Rector for External Relations and Youth Policy UISU, Student Council, Students' Trade Union Committee, Intellectual Games Club UISU, the Center for the support of a young student family, the Headquarters of student labor groups of the students' Trade Union Committee and the Sports Club of UISU.

The directions of extracurricular work at the university are:

- preservation, development and enhancement of the traditions of the University;
- organization of support for creative initiative among students: creation of creative teams, organization of cultural and sports events;
- development of the student self-government system;
- identification and support of talented and gifted youth;
- stimulation of self-development, creative exploration, and expanding horizons students;
- development of information system USU: paper "Herald," to support student Internet forum, etc.;
- implementation of programs: "a Healthy lifestyle", "School leader", "Social projects", etc.;
- organization of labour of student groups in various types of activities:
- volunteer, construction, etc.;
- organization of mobile and stationary student camps of the active students.
- work with students in the framework of education of patriotism and active citizenship;
- development of the system of social assistance to students;
- formation and development of a system for encouraging students.

## **7. Regulatory and methodological support of the system for assessing the quality of students learning of the BPEP for specialist in the direction of training of General Medicine on 31.05.01**

Assessment of compliance of the level of professional training of a graduate with the requirements of the Federal State Educational Standard in the specialty 31.05.01 General medicine includes current monitoring of academic performance, intermediate and final state

certification of students, as well as a mechanism for assessing the quality of mastering by students BPEP HE, designated by the local regulations of the University: DP-2-05-16 "Conducting ongoing monitoring of academic performance and intermediate certification of students in the educational programs of SPO and HE (bachelor's degree, specialty, magistracy" and DP-2-01-19 "Conducting state certification on the main professional educational programs of higher education (bachelor's degree, specialty, master's degree)". Assessment funds have been developed for the current control and intermediate certification, control of independent work of students in each discipline and practice, as well as for the state final certification.

Normative and methodological support of the system for assessing the quality of mastering by students of BPEP HE in the specialty 31.05.01 General medicine includes funds evaluation tools for conducting ongoing monitoring of academic performance and intermediate certification (control questions and tasks for practical classes, laboratory work, tests and exams; tests and computer testing programs; approximate topics of abstracts, situational tasks) in accordance with the curriculum of the specialty 31.05.01 General medicine. In accordance with the curriculum, the intermediate certification provides for examinations and tests. According to all the listed types of intermediate certification, the appropriate evaluation tools.

Assessment funds for the state final attestation are part of the State final attestation program. The funds of evaluation funds for the state final certification include:

the list of competencies that students should master as a result of mastering BPEP HE, in accordance with the federal state standard of higher education 31.05.01 General medicine;

description of indicators and criteria for assessing competencies, as well as assessment scales;

standard control tasks or other materials necessary to assess the results of the development of BPEP HE;

methodological materials defining the procedures for evaluating the results of the development of BPEP.

The state final certification of USU Medical School graduates is carried out after completing a full course of study in the field of training on 31.05.01 "General Medicine" to determine the degree of compliance of the level of professional training of graduates (fundamental, medical-biological and clinical) with the requirements of the Federal State Higher Education Standard in the direction of training 31.05.01 "General Medicine" followed by the issuance of state diplomas.

The final attestation tests that are part of the state final attestation are allowed to those who have successfully completed the full implementation of the main educational program in the field of training on 31.05.01 "General Medicine" developed by the higher education institution in accordance with the requirements of the Federal State Educational Standard of Higher Education.

The state final certification in the direction of training 31.05.01 "General Medicine" provides for passing one final interdisciplinary examination in internal diseases, surgical diseases, obstetrics and gynecology.

- The final interdisciplinary exam in the direction of training on 31.05.01 "General Medicine" is carried out in stages and includes the following stages of certification tests:

- Checking the level of mastering practical skills (practical skills),
- Testing the level of theoretical knowledge (interdisciplinary testing),
- Assessment of skills to solve specific professional tasks during an interview on situational problems (interdisciplinary interview).

The results of the first two certification tests have a qualitative assessment of "pass" - "fails" and are the basis for admission to an interdisciplinary interview. The results of the final stage of certification tests (interviews) are determined by the marks "excellent", "good", "satisfactory" and "unsatisfactory".

The decision on conferring a qualification on the specialty to a graduate and issuing a state diploma of higher vocational education is made by the state attestation commission on the basis of positive results of the state final attestation.

Decisions of the state attestation and examination commissions are taken in the closed meetings according to the simple majority of votes of the commission members participated in the meeting, with the obligatory presence of the chairman of the commission or his assistant. With an equal number of votes, the chairman of the commission (or the deputy chairman of the commission instead of him) has the right to vote. All decisions of the state certification and examination commissions are documented by protocols.

The results of the state final certification are announced to the graduate on the same day after the minutes of the meeting of the State Attestation Commission are drawn up and approved in the prescribed manner.

Persons who have completed the training of the basic educational program and have not confirmed the compliance of the training with the requirements of the state educational standard of higher vocational education when passing one or several final certification tests, and they are repeated at the university, then the repeated final certification tests are appointed in the order determined by USU.

Reports on the work of state attestation commissions are heard at the Scientific Council of the Institute of Medicine, Ecology and Physical Culture of USU and together with recommendations on improving the quality of professional training, are submitted to the founder within two months after the completion of the final state attestation. Minutes of the final state certification of graduates are stored in the archives of the Institute of Medicine, Ecology and Physical Culture of USU.

The mark "excellent" is put to a student who has discovered a systemic, in-depth knowledge of the program material, which is necessary for solving professional problems, speaks the scientific language, presents the program material at various levels of his presentation, and has modern standards of diagnosis, treatment and prevention of diseases based on evidence-based medicine data. ;

The mark "good" is put to the student who has discovered a complete knowledge of the program material;

The mark "satisfactory" is put to the student who has discovered a sufficient level of knowledge of the main program material, but who has made errors in his presentation;

The mark “unsatisfactory” is given to a student who made multiple fundamental errors when answering questions.

7.1. Assessment funds for the ongoing monitoring of academic performance and intermediate certification of students.

Normative and methodological support of the current monitoring of academic performance and intermediate certification of students in the BPEP HE in the specialty 31.05.01 General medicine is carried out in accordance with the DP-2-05-16 "Conducting current control academic performance and intermediate certification of students in educational programs of secondary vocational education and higher education (bachelor's degree, specialty, master's degree)".

7.2. Fund of evaluation funds for conducting SFC

Normative and methodological support of the state final certification of students in the BPEP in the specialty 31.05.01 General medicine is carried out in accordance with the DP-2-01-19 "Conducting the state final certification of the main professional educational programs of higher education (bachelor's degree, specialty, master's degree)"

7.3. The mechanism for assessing the quality of educational activities and training of students in the implementation of BPEP in accordance with the Federal State Educational Standard 3 ++.

To improve the specialty program on 31.05.01 General medicine regular internal assessment of the quality of educational activities and training of students under the specialty program is carried out. To conduct an internal assessment of the quality of educational activities and training of students in the specialty 31.05.01 General medicine, employers, legal entities and individuals, including teaching staff of USU, are involved.

### **Application**

1. Academic calendar schedule
2. Educational curriculum
3. Working programs of academic disciplines
4. Assessment funds for ongoing performance monitoring and interim assessment of academic disciplines
5. Abstracts of educational programs of disciplines
6. Educational programs of practices
7. Assessment funds for ongoing performance monitoring and interim assessment of practices
8. The program of the state final certification of graduates of BPEP specialty
9. Assessment funds of the state final certification of graduates
10. Working program of upbringing work
11. Curriculum for upbringing work