


FEDERAL STATE BUDGET EDUCATIONAL INSTITUTION  
OF HIGHER EDUCATION  
"ROSTOV STATE MEDICAL UNIVERSITY"  
MINISTRY OF HEALTH OF THE RUSSIAN FEDERATION

*Faculty of Education of foreign students, residents and postgraduates*

CONFIRM  
Supervisor  
educational program  
(signature) / E.S. Belousova /  
(FULL NAME.)  
" 28 " августа 20 20



**DISCIPLINE WORKING PROGRAM**  
**PUBLIC HEALTH AND HEALTHCARE**

Speciality 31.05.01 General medicine

Form of education full-time

Rostov-on-Don  
2020

## I. GOALS AND OBJECTIVES OF MASTERING THE DISCIPLINE

1.1. Targetmastering the discipline “public health and healthcare” consists of mastering students knowledge and skills necessary to assess public health and its determining factors; systems ensuring the preservation, strengthening and restoration of public health; organizational and medical technologies and management processes, including economic, administrative and organizational, to solve problems in your professional activities, by developing relevant competencies in the discipline “public health and healthcare”

1.2. Objectives of studying the discipline:

1. Acquisition of knowledge by students in the field of priority areas of healthcare development in the Russian Federation. WITH ability and willingness to analyze socially significant problems and processes in public health and healthcare.
2. Studying the basics of Russian legislation in the field of healthcare (laws of the Russian Federation, technical regulations, international and national standards, orders, recommendations, terminology, international systems of units (SI), current international classifications), as well as documentation for assessing the quality and efficiency of medical organizations.
3. Mastering the Basic Features demographic situation in the Russian Federation, demographic priorities.
4. Training in the principles of organizing medical care in the system of maternal and child health care. Show with ability and readiness to apply modern social and hygienic methods for collecting and medical-statistical analysis of information on health indicators of the adult population, children and adolescents at the level of various divisions of medical organizations (therapeutic, obstetric-gynecological, pediatric and rural medical districts) in order to develop scientifically based measures to improve and preserve the health of men, women, children and adolescents. Training in methods for assessing the effectiveness of the health care system and its units.
5. Training in the principles of organizing the provision of primary health care, specialized, emergency, high-tech medical care in relation to the division of powers.
6. Demonstration of readiness to carry out preventive measures with the assigned population to prevent the occurrence of the most common diseases, infectious, parasitic and widespread non-infectious diseases. Carry out general health measures to promote a healthy lifestyle, taking into account age, sex groups and health status, and carry out sanitary education work among the population. To evaluate the effectiveness of dispensary observation of healthy and chronically ill patients.
7. Mastering the issues of assessing the ability to work (permanent and temporary) of patients, drawing up appropriate medical documentation, determining the need to refer a patient for a medical and social examination, and carrying out the prevention of disability among adults and adolescents.
8. Training in the skills of creating favorable conditions in medical organizations for the stay of patients and the work of medical personnel;
9. Maintaining medical records in medical organizations;
10. Participation in organizing assessment of the quality of medical care provided to patients;
11. Compliance with basic information security requirements;

12. Analysis of scientific literature and official statistical reviews, participation in statistical analysis and public presentation of the results obtained;
13. Participation in solving individual research and scientific-applied problems in the field of health care in diagnosis, treatment, medical rehabilitation and prevention.

## II. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

The process of studying the discipline is aimed at developing the following competencies in accordance with the Federal State Educational Standard of Higher Education and the EP of Higher Education in this specialty:

- 2.1. Universal:
- 2.2. General professional:
- 2.3. Professional (PC-5, PC-6, PC-7).

## III. THE PLACE OF DISCIPLINE IN THE STRUCTURE OF EP VO

- 3.1. The discipline is a mandatory part.

## IV. CONTENT AND STRUCTURE OF DISCIPLINE

Labor intensity of the discipline in 3\_\_3\_\_ hours \_\_\_108\_\_\_

### 4.1. Sections of the discipline studied in the 11th semester

No. section	Section name	Number of hours					
		Total	Contact Job				SRS
			L	WIT H	ETC	LR	
Semester 11							
1	Fundamentals of public health and healthcare as an educational and scientific discipline. Organization of medical and social research.		6	12			10
2	Public health, definition, methods of study and evaluation. Modern medical and social problems, issues of promoting public health, main directions of prevention.		4	8			8
3	Organizational foundations of healthcare. Organization of medical and social assistance to various population groups.		4	8			8

4	Medical examination. Examination of temporary disability. Organization of social protection of the population: legal and organizational issues. Medical and social examination. ITU institutions, classification, tasks. The procedure for sending citizens to ITU. Expertise of the quality of medical care (ECQM) in the Moscow Region: legal and organizational issues.		2	12			10
5	Regulatory and legal framework for providing free medical care to citizens of the Russian Federation. State guarantee programs (SGP). Health planning and financing. International health care.			8			8
	Interim certification form (test)						
	<i>Total:</i>		16	48			44

**SRS-** independent work of students

**L-** lectures

**WITH**– seminars

**LR** –laboratory works

**ETC-** practical lessons

#### 4.2. Contact work

#### Lectures

No. section	No. lectures	Lecture topics	Number of hours
Semester 11			
1	1	<b>Fundamentals of public health and healthcare as an educational and scientific discipline.</b>	2
2	2	Methods for studying and assessing public health. Medical and social aspects of demography.	2
2	3	State and modern problems of morbidity and disability of the population: indicators, levels, trends.	2
3	4	Modern medical and social problems, issues of promoting public health, main directions of prevention.	2
3	5	Organizational foundations of healthcare. Primary health care, principles, main directions. Organization of medical and social assistance to urban and rural populations.	2

3	6	Organization of medical and social assistance to women and children in modern conditions. Basic measures to prevent maternal mortality.	2
3	7	Quality control of medical care.	2
4	8	Health insurance. Program of state guarantees for the provision of free medical care to citizens of the Russian Federation.	2
Total hours per semester			16
<i>Total hours discipline:</i>			16

### Seminars, practical work

No. section	No. seminar, PR	Topics with seminars, practical work	Number of hours	Forms of current control
Semester 11				
1	1	Fundamentals of public health and healthcare as an educational and scientific discipline. Organization of medical and social research. Relative values of their types. Calculation method. Graphic representation of information.	4	Tests, situational tasks, oral questioning
1	2	Variation series. Average values: procedure for assessment and analysis. Assessing the reliability of relative and average values.	4	Tests, situational tasks, oral questioning
1	3	Time series: procedure for evaluation and analysis. Correlation analysis.	4	Tests, situational tasks, oral questioning
2	4	<b>Population health: criteria and methods of assessment, levels, current trends. Fundamentals of demography. Methodology for studying and analyzing medical and demographic indicators.</b>	4	Tests, situational tasks, oral questioning
2	5	<b>State and modern problems of population morbidity: indicators, levels, trends. State and modern problems of disability of the population: indicators, levels, trends.</b>	4	Tests, situational tasks, oral questioning

No. section	No. seminar, PR	Topics with seminars, practical work	Number of hours	Forms of current control
3	6	Primary health care (PHC). Organization of outpatient and inpatient care for the urban population.	4	Tests, situational tasks, oral questioning
3	7	Organization of medical and social assistance to the rural population. Organization of obstetric-gynecological and pediatric care to the population.	4	Tests, situational tasks, oral questioning
4	8	Organization of social protection of the population, medical and social examination. Organization of rehabilitation of disabled people.	4	Tests, situational tasks, oral questioning
4	9	Organization of examination of disability in the Moscow Region, types of temporary disability. Medical commission (MC).	4	Tests, situational tasks, oral questioning
4	10	Quality of medical care (QMC): methodological approaches to assessment, organization of examination of the quality and safety of medical care in the Moscow Region.	4	Tests, situational tasks, oral questioning
5	eleven	Organizational, legal and economic issues of compulsory health insurance (CHI). Interaction of the Ministry of Defense with participants and subjects of the compulsory medical insurance system.	4	Tests, situational tasks, oral questioning
5	12	Health care planning. Health financing. International health care.	4	Tests, situational tasks, oral questioning
Total hours per			48	
<i>Total hours discipline:</i>			48	

### 4.3. Independent work of students

No. section	Type of independent work of students	Number of hours	Forms of current control
Semester 11			
1	Preparation for practical classes	10	Tests, situational tasks
2	Preparation for practical classes	8	Tests, situational tasks
3	Preparation for practical classes	8	Tests, situational tasks
4	Preparation for practical classes	10	Tests, situational tasks
5	Preparation for practical classes	8	Tests, situational tasks
<i>Total hours discipline:</i>		44	

## **V. ASSESSMENT MATERIALS FOR CURRENT CONTROL AND INTERMEDIATE CERTIFICATION**

The fund of assessment tools for determining the level of development of competencies as a result of mastering the discipline is an appendix to the work program.

## **VI. EDUCATIONAL AND METHODOLOGICAL SUPPORT OF DISCIPLINE**

1. Ellansky Yu.G. Public health and healthcare: textbook / Yu.G. Ellansky et al. – M.: GEOTAR-MEDIA, 2019. – 624 p.
2. Medic V.A. Public health and healthcare: textbook / V.A. Medic - 3rd ed., rev. and additional – M.: GEOTAR-Media, 2018. – 656 p.
3. Using the Microsoft Excel program for statistical processing of data from medical, biological and medical and social research: textbook. / SOUTH. Ellansky, Sh.G. Ayvazyan, L.A. Yakimenko, R.G. Ilyukhin; RostSMU. – Rostov n/d: Rostov State Medical University Publishing House, 2019. – 50 p.
4. Public health and healthcare. Health Economics. Tasks for independent work of students: textbook. allowance / Ellansky Yu.G. and others - 2nd ed., revised. and additional – Rostov n/a: Publishing and printing complex RGEU (RINH). 2018 – Part I – 244 p.
5. Public health and healthcare: textbook / Yu.G. Ellansky et al. – RnD: Rostov State Medical University Publishing House, 2016. – 527 p.
6. Public health and healthcare: textbook. / Ellansky Yu.G., Bykovskaya T.Yu., Pacus I.A., Khodarev S.V., Priz E.V., Lukyanova N.N.; Ministry of Education and Science of the Russian Federation. – Rostov n/d.: Publishing and printing complex RGEU (RINH). 2016 – Part I – 214 p.
7. Public health and healthcare: textbook. / Ellansky Yu.G., Bykovskaya T.Yu., Pacus I.A., Khodarev S.V., Priz E.V., Lukyanova N.N.; Ministry of Education and Science of the Russian Federation. – Rostov n/d.: Publishing and printing complex RGEU (RINH). 2016 – Part II – 383 p.
8. Workshop on public health and healthcare: textbook. allowance. / I.N. Denisov, D.I. Kicha, A.V. Fomina, O.S. Saurina. – M.: MIA, 2016. - 449 p.

### 6.3.Periodicals

1. Bulletin Health and education in the 21st century.
2. Public health and healthcare.
3. Medical Bulletin of the South of Russia.
4. Journal of scientific articles health and education in the 21st century.

### 6.4. Internet resources

	<b>ELECTRONIC EDUCATIONAL RESOURCES</b>	<b>Access to the resource</b>
	<b>Digital library</b> RostSMU. – URL: <a href="http://109.195.230.156:9080/opac/">http://109.195.230.156:9080/opac/</a>	Access is not limited
	<b>Student Advisor</b> [Kits: "Medicine. Healthcare. IN"; "Medicine. Healthcare. SPO"; "Psychological Sciences"]: Electronic library system. – Moscow: Politekhresurs LLC. - URL: <a href="https://www.studentlibrary.ru">https://www.studentlibrary.ru</a> + opportunities for inclusive education	Access is not limited
	<b>Doctor's consultant. Electronic medical library:</b> Electronic library system. – Moscow: LLC “Higher School of Organization and Management of Healthcare_Comprehensive Medical Consulting”. - URL: <a href="http://www.rosmedlib.ru">http://www.rosmedlib.ru</a> + opportunities for inclusive education	Access is not limited
	<b>Scientific electronic library eLIBRARY.</b> - URL: <a href="http://elibrary.ru">http://elibrary.ru</a>	Open access
	<b>National Electronic Library.</b> - URL: <a href="http://neb.rf/">http://neb.rf/</a>	Access from library computers
	<b>Scopus/</b> Elsevier Inc., Reed Elsevier. – Philadelphia: Elsevier BV, PA. – URL: <a href="http://www.scopus.com">http://www.scopus.com</a> /via IP addresses of RostSMU and remotely after registration( <i>National project</i> )	Access limited
	<b>Web of Science/</b> Clarivate Analytics. - URL: <a href="http://www.webofscience.com">http://www.webofscience.com</a> /via IP addresses of RostSMU and remotely after registration ( <i>National Project</i> )	Access limited
	<b>Freedom Collection</b> [journals]/ScienceDirect. Elsevier. – URL: <a href="http://www.sciencedirect.com">www.sciencedirect.com</a> via IP addresses of RostSMU and remotely after registration( <i>National project</i> )	Access limited
	<b>Springer Nature database.</b> - URL: <a href="https://link.springer.com">https://link.springer.com</a> /via IP addresses of RostSMU and remotely after registration, remotely via RFBR CIAS <a href="https://kias.rfbr.ru/reg/index.php">https://kias.rfbr.ru/reg/index.php</a>	Access is not limited
	<b>Wiley Online Library</b> /John Wiley & Sons. - URL: <a href="http://onlinelibrary.wiley.com">http://onlinelibrary.wiley.com</a> via IP addresses of RostSMU and remotely after registration( <i>National project</i> )	Access limited
	<b>Questel database Orbit Premium edition:</b> patent search database <a href="http://www.orbit.com/">http://www.orbit.com/</a> by IP addresses of RostSMU( <i>National project</i> )	Access limited
	<b>Nano Database:</b> reference publications on nanomaterials.- URL: <a href="https://nano.nature.com">https://nano.nature.com</a> via IP addresses of RostSMU and remotely after registration	Access limited
	<b>Russian education. Single window of access</b> /Federal portal. - URL: <a href="http://www.edu.ru/">http://www.edu.ru/</a> .– New educational environment.	Open access
	<b>Electronic Library of the Russian Foundation for Basic Research</b> (RFBR). -URL: <a href="http://www.rfbr.ru/rffi/ru/library">http://www.rfbr.ru/rffi/ru/library</a>	Open access
	<b>Federal Electronic Medical Library of the Russian Ministry of Health.</b> - URL: <a href="http://femb.rucml.ru/femb/">http://femb.rucml.ru/femb/</a>	Open access



<b>Archive of scientific journals/NEICON.</b> - URL: <a href="https://arch.neicon.ru/xmlui/(Yandex%20search%20engine)">https://arch.neicon.ru/xmlui/(Yandex search engine)</a>	Open access
<b>CyberLeninka:</b> scientific electron. beep. - URL: <a href="http://cyberleninka.ru/">http://cyberleninka.ru/</a>	Open access
<b>BEARWEST.</b> Russian doctor portal: library, knowledge base.- URL: <a href="https://medvestnik.ru">https://medvestnik.ru</a>	Open access
<b>Medical Bulletin of the South of Russia.</b> - URL: <a href="http://www.medicalherald.ru/jour">http://www.medicalherald.ru/jour</a> or from the RostSMU website (Yandex search engine)	Open access
<b>Journal of Urology</b> (“Urology Herald”): magazine of RostSMU. – URL: <a href="http://www.urovest.ru/jour">http://www.urovest.ru/jour</a> or from the RostSMU website (Yandex search engine)	Open access
<b>South Russian Journal of Therapeutic Practice.</b> – URL: <a href="http://www.therapeutic-j.ru/jour/index">http://www.therapeutic-j.ru/jour/index</a>	Open access
<b>National Library of Medicine (PubMed).</b> - URL: <a href="http://pubmed.ncbi.nlm.nih.gov/">http://pubmed.ncbi.nlm.nih.gov/</a>	Open access
<b>Directory of Open Access Journals:</b> full-text journals from 121 countries, incl. in medicine, biology, chemistry. -URL: <a href="http://www.doaj.org/">http://www.doaj.org/</a>	Open access
<b>Free Medical Journals.</b> -URL: <a href="http://freemedicaljournals.com">http://freemedicaljournals.com</a>	Open access
<b>Free Medical Books.</b> -URL: <a href="http://www.freebooks4doctors.com">http://www.freebooks4doctors.com</a>	Open access
<b>International Scientific Publications.</b> –URL: <a href="http://www.scientific-publications.net/ru/">http://www.scientific-publications.net/ru/</a>	Open access
<b>Univadis.ru:</b> international honey. portal. - URL: <a href="http://www.univadis.ru/">http://www.univadis.ru/</a>	Open access
<b>ECO-Vector Journals Portal/Open Journal Systems.</b> - URL: <a href="http://journals.eco-vector.com/">http://journals.eco-vector.com/</a>	Open access
<b>Evrika.ru</b> information and educational portal for doctors. – URL: <a href="http://www.evrika.ru/">http://www.evrika.ru/</a>	Open access
<b>Med-Edu.ru:</b> medical video portal. - URL: <a href="http://www.med-edu.ru/">http://www.med-edu.ru/</a>	Open access
<b>DoctorSPB.ru:</b> information-reference portal about medicine. - URL: <a href="http://doctorspb.ru/">http://doctorspb.ru/</a>	Open access
<b>Rubricator of clinical recommendations</b> Ministry of Health of Russia. - URL: <a href="http://cr.rosminzdrav.ru/">http://cr.rosminzdrav.ru/</a>	Open access
<b>Dictionaries and encyclopedias on Academician.</b> - URL: <a href="http://dic.academic.ru/">http://dic.academic.ru/</a>	Open access
<b>Official Internet portal of legal information.</b> - URL: <a href="http://pravo.gov.ru/">http://pravo.gov.ru/</a>	Open access
<b>Education on Russian:</b> portal / State. Institute of Russian language them. A.S. Pushkin. -URL: <a href="http://pushkininstitute.ru/">http://pushkininstitute.ru/</a>	Open access
<b>History.RF.</b> [The main historical portal of the country] - URL: <a href="https://histrf.ru/">https://histrf.ru/</a>	Open access
<b>ENVOС.RU English vocabulary:</b> educational site for English learners. language -URL: <a href="http://envoc.ru">http://envoc.ru</a>	Open access
<b>World Health Organization.</b> - URL: <a href="http://who.int/ru/">http://who.int/ru/</a>	Open access
<b>Ministry of Science and higher education</b> Russian Federation. - URL: <a href="http://minobrnauki.gov.ru/">http://minobrnauki.gov.ru/</a>	Open access
<b>Modern problems of science and education:</b> electron. magazine. - URL: <a href="http://www.science-education.ru/ru/issue/index">http://www.science-education.ru/ru/issue/index</a>	Open access
<b>Other</b> Open resources can be found at: <a href="http://rostgmu.ru">http://rostgmu.ru</a>	

### **6.5. Guidelines for students on mastering the discipline:**

1. Ellansky Yu.G. Public health and healthcare: textbook / Yu.G. Ellansky et al. – M.: GEOTAR-MEDIA, 2019. – 624 p.
2. Medic V.A. Public health and healthcare: textbook / V.A. Medic - 3rd ed., rev. and additional – M.: GEOTAR-Media, 2018. – 656 p.
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6. Public health and healthcare: textbook. / Ellansky Yu.G., Bykovskaya T.Yu., Pacus I.A., Khodarev S.V., Priz E.V., Lukyanova N.N.; Ministry of Education and Science of the Russian Federation. – Rostov n/d.: Publishing and printing complex RGEU (RINH). 2016 – Part I – 214 p.
7. Public health and healthcare: textbook. / Ellansky Yu.G., Bykovskaya T.Yu., Pacus I.A., Khodarev S.V., Priz E.V., Lukyanova N.N.; Ministry of Education and Science of the Russian Federation. – Rostov n/d.: Publishing and printing complex RGEU (RINH). 2016 – Part II – 383 p.
8. Workshop on public health and healthcare: textbook. allowance. / I.N. Denisov, D.I. Kicha, A.V. Fomina, O.S. Saurina. – M.: MIA, 2016. - 449 p.

## **VII. MATERIAL AND TECHNICAL SUPPORT OF DISCIPLINE**

### **7.1. Educational and laboratory equipment.**

To conduct practical classes in the discipline “public health and healthcare” at the Department of Medical Law, Public Health and Healthcare, 3 classrooms are used (No. 705, No. 706, No. 707). All classrooms are equipped with student tables No. 705 - 15 pcs., No. 706 - 20 pcs., No. 707 - 15 pcs.), student chairs No. 705 - 30 pcs., No. 706 - 38 pcs., No. 707 - 32 pcs.), boards, teaching aids on the topics being studied.

### **7.2. Technical and electronic means.**

In the educational process, 1 computer with software: Windows 10 is used to conduct classes remotely.

