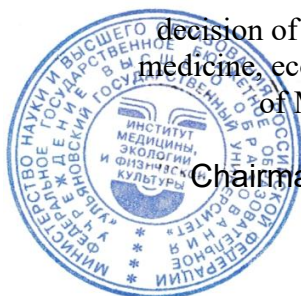


Ministry of science and higher education of the Russian Federation Ulyanovsk state university	Form	
F-worker program of discipline		

**APPROVED**

decision of the Academic council of institute of  
medicine, ecology and physical education ULSU  
of May " 16", 2024, protocol No. 9/260



Chairman

( Mashin V.V.)  
" 16 " 05 2024

### WORKING PROGRAM

Discipline:	<b>Public health and health care</b>
Faculty	Medical
Department:	Public health and health care (PHHC)
Course	III

The direction (specialty) 31.05.01 "General medicine" (with development of a part of the program in English)

Orientation (profile/specialization) \_\_\_\_\_

Internal form of education

Date of Introduction of the program in educational process of UISU: September "1", 2024.

The program is updated at a faculty meeting: protocol No. \_\_ from \_\_\_\_ 20 \_\_.

The program is updated at a faculty meeting: protocol No. \_\_ from \_\_\_\_ 20 \_\_.

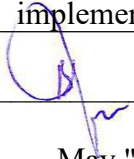

The program is updated at a faculty meeting: protocol No. \_\_ from \_\_\_\_ 20 \_\_.

The program is updated at a faculty meeting: protocol No. \_\_ from \_\_\_\_ 20 \_\_.

The program is updated at a faculty meeting: protocol No. \_\_ from \_\_\_\_ 20 \_\_.

Information about developers:

FULL NAME	Department	Position, academic degree, Rank
V.I. Gorbunov	PHHC	Department chair, MD, professor
G.V. Vozzhennikova	PHHC	Associate professor, PhDs in Medicine., associate professor
I.N. Isaeva	PHHC	Associate professor, PhDs in Medicine.

COORDINATED	COORDINATED
The head of the department of PHHC implementing discipline	The manager of the releasing department of hospital therapy
 /V.I. Gorbunov. / May " 16 ", 2024.	 /M.A. Vize-Hripunova. / May "16 ", 2024.

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## 1. PURPOSES AND PROBLEMS OF DEVELOPMENT OF DISCIPLINE

**Purposes of development of discipline:** mastering theoretical bases of modern knowledge and the main methods allowing to be guided competently in estimates of public health, patterns and trends of development of a domestic health care system and aspects of economy of health care.

**Problems of development of discipline:**

- development of theoretical bases of discipline "Public health and health care"
- studying legal bases of public health care
- studying main statistical methods of collecting and analysis of results of medicobiological researches
- studying top trends of indicators of public health
- studying bases of the organization of public health care
- studying bases of the economy, planning financing of health care

## 2. THE PLACE OF DISCIPLINE IN STRUCTURE OF GEP:

compliance with the Curriculum the discipline "Public health and health care" belongs a basic unit of disciplines of specialty 31.05.01 " General medicine" of the higher medical educationis studied in the fifth and sixth semester.

Development of discipline "Public health and health care" is based on knowledge, skills formed by the previous disciplines: "Immunology", "Practice "Design activity", "Bases of a balanced diet".

The subject matter "Public health and health care" allows students to gain necessary knowledge, skills at development of the subsequent disciplines: "Modern medical information systems", "Marketing in health care", "Organization of provision of medicines of the population", "Practice on obtaining primary professional skills of the doctor of out-patient and polyclinic establishment", Practice "Medical assistant of out-patient and polyclinic establishment", "Quality management of medical care", "Epidemiology", "Modern aspects of oncology", "Topical issues of internal diseases", "Preparation for delivery and passing state exam".

## 3. THE LIST OF THE PLANNED RESULTS OF TRAINING IN DISCIPLINE "PUBLIC HEALTH AND HEALTH CARE" CORRELATED THE PLANNED RESULTS OF DEVELOPMENT OF THE MAIN PROFESSIONAL EDUCATIONAL PROGRAM

Code and name of implemented Competences	The list of the planned results of training in discipline correlated achievement indicators Competences
UC-10 - is capable to make the justified economic decisions in various areas of activity	AI-1uc10 To know the basic principles of functioning of economy and economic development, the purpose and form of participation of the state in economy AI -2uk10 To be able to apply methods of economic and financial planning to achievement of the current and long-term financial goals in various areas of activity AI -3uk10 To own ability to make the justified economic

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	decisions in various areas of activity
<b>UC-11</b> - It is capable to form the intolerant attitude towards corruption behavior	<p>AI-1uc11 To know value of the main legal categories, essence of corruption behavior and a form of its manifestation in various spheres of public life. Shows knowledge of the Russian legislation and also anti-corruption standards of behavior, respect for the right and the law</p> <p>AI-2uc11 To be able to estimate and identify corruption risks, shows the intolerant attitude towards corruption behavior</p> <p>AI-3uc11 To own ability to carry out social and professional activity on the basis of the developed sense of justice and the created legal culture</p>
<b>GPC-2</b> – It is capable to carry out and exercise control of efficiency of actions for prevention of actions, to forming of a healthy lifestyle and sanitary and hygienic education of the population	<p>AI-1gpc2 Nobility: principles of the legislation on sanitary and epidemiologic wellbeing of the population, the main official documents regulating antiepidemiological service of the population at infectious and parasitic diseases; normative documents on prevention of hospital infections, the organization of medical control of the state of health of the population, maintaining standard registration and reporting medical documentation in the medical organizations; the indicators of health of the population, factors forming human health (ecological, professional, climatic, endemic, social, epidemiological, psycho-emotional, genetic); the diseases connected with an adverse effect of climatic and social factors; fundamentals of preventive medicine, the organization of the preventive actions directed to strengthening of health of the population; methods of sanitary and educational work.</p> <p>AI-2gpc2 To be able: to plan, to analyze and estimate quality of medical care, the state of health of the population and influence of environment factors on it; to participate in the organization and rendering the treatment-and-prophylactic and sanitary and anti-epidemic help to the population taking into account its social and professional (including professional works by sport) and age and sex structures; to carry out preventive, hygienic and anti-epidemic actions; to carry out environmental assessment and ecological forecasting of human activity; to define the status of the patient: to collect the anamnesis, to conduct</p>

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	<p>survey of the patient and/or his relatives, to perform physical examination of the patient (survey, a palpation, auscultation, measurement of arterial blood pressure, determination of properties of arterial pulse, etc.); to perform primary examination of systems and bodies: nervous, endocrine, immune, respiratory, cardiovascular, blood and haematogenic bodies, digestive, urinary, reproductive, musculoskeletal and joints, eye, ear, throat, nose; to estimate the social factors influencing a condition of physical and psychological health of the patient: cultural, ethnic, religious, individual, family, social factors of risk (unemployment, violence, disease and death of relatives and so forth)</p> <p>AI-3gpc2</p> <p>To own: estimates of a condition of public health; by methods of all-clinical inspection; interpretation of results of laboratory, tool diagnostic methods; correct maintaining medical documentation; an algorithm of the developed clinical diagnosis; an algorithm of production of the preliminary diagnosis with the subsequent direction of the patient to the corresponding expert</p>
<p><b>PC-6</b> – Ability use of the basic principles of the organization and management in the field of protection of public health, in the medical organizations and their structural units</p>	<p>Nobility: state policy on public health care; bases of the organization of medical care for the population; bases of management, planning, financing of the medical organizations and their structural units</p> <p>To be able: to apply the basic principles of the organization and management in the field of protection of public health, in the medical organizations and their structural units</p> <p>To own: calculation procedures and analysis of indicators of activity of the medical organizations</p>

:

#### 4. GENERAL VOLUME OF DISCIPLINE

##### 4.1. Discipline volume in test units (only) 6 credit units

##### 4.2. Discipline volume by types of study (in hours):

Type of study	Number of hours (form of education internal)		
	Only according to the plan	Including on semester	
		5	6
Contact work of students with the teacher according to unitary enterprise	122	54	68/68

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Classroom classes:	122	54	68/68
Lectures	35	18	17/17
Seminars and practical training	87	36	51/51
Laboratory works, workshops	-	-	-
Independent work	58	36	22
Form of the current control of knowledge and control of independent work: testing, examination, colloquium, paper, etc.	Interview concerning a subject, testing, the solution of a task	Interview concerning a subject, testing, the solution of a task	Interview concerning a subject, testing, the solution of a task
Term paper	-	-	-
Types of intermediate certification (examination, offset)	offset, examination (36)	offset	examination (36/36)
In total hours on discipline	216	90	126

In case of need uses in educational process of partially/exclusively remote educational technologies in the table through a slash the number of hours of work of PPS with students for training in a remote format using electronic training is specified

#### 4.3. Content of discipline (module.) Distribution of hours on subjects and types of study:

Form of education            internal           

Name of section/subjects	In total	Types of studies				Form of the current control of knowledge
		Classroom classes		Classes in to interactive form	Independent work	
		Lectures	Practical training			
<b>Section 1. Theoretical bases of discipline "Public health and health care"</b>						
1. Theoretical bases of discipline "Public health and health care". Basic concepts and criteria of public health	9	2	4	1	3	interview concerning a subject, testing
2. Health care systems in various countries. Policy in the field of health protection	8	2	3	1	3	interview concerning a subject, testing
3. Legal bases of health protection	9	2	4	1	3	interview concerning a subject, testing, the solution of a

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						task
4. Social and health insurance. Quality of medical care. Modern problems of quality of medical care	13	4	6	1	3	interview concerning a subject, testing, the solution of a task
<b>Section 2. Public health</b>						
5. Bases of medical statistics. Relative and average sizes. Characteristic of a variety of sign	8	-	4	1	4	interview concerning a subject, testing, the solution of a task
6. Assessment of reliability of results of a research. Standardization method. Correlation analysis	7		4	1	3	interview concerning a subject, testing, the solution of a task
7. Medico-social aspects of demography	10	2	4	1	4	interview concerning a subject, testing, the solution of a task
8. Population morbidity: statetop trends	10	2	4	1	4	interview concerning a subject, testing, the solution of a task
9. Medico-social importance of the major diseases. Current statetrends of disability	13	4	4	1	4	interview concerning a subject, testing
10. Health of the population of the Ulyanovsk region. Medico-social aspects of lifestyle of the population	10	2	4	1	4	interview concerning a subject, testing
11. Health the preserving technologies. Hygienic education and training of the population	8	-	4	1	4	interview concerning a subject, testing, the solution of a task
<b>Section 3. Organization of public health care</b>						
12. Organization of primary health care. Organization of emergency medical	12	3	6	1	3	interview concerning a subject, testing, the solution of a

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service						task
13. Organization of the stationary help to the population	10	2	6	1	2	interview concerning a subject, testing, the solution of a task
14. System of health protection of mother and child. Organization of medical care for children	11	2	6	1	3	interview concerning a subject, testing, the solution of a task
15. Organization of the obstetric and gynecologic help	10	2	6	1	2	interview concerning a subject, testing, the solution of a task
16. Organization of medical care for country people, worker of the industrial enterprises. Organization of the sanatorium help	11	2	6	1	3	interview concerning a subject, testing
17. Medical examination. Examination of temporary disability. Medico-social examination	10	2	6	1	2	interview concerning a subject, testing, the solution of a task
18. Bases of the economy, managements, planning and financing of health care	12	2	6	1	4	interview concerning a subject, testing, the solution of a task
In total	180	35	87	18	58	

At the organization of classes in an interactive form technologies are used: work in small groups on the solution of situational tasks, collective discussion of questions of a subject of occupation, work with educational models of statistical registration medical documentation, work with standard and legal documentation, testing

## **5. CONTENT OF DISCIPLINE "PUBLIC HEALTH AND HEALTH CARE"**

### **Section 1 Theoretical bases of discipline "Public health and health care"**

#### **Subject 1. Theoretical bases of discipline "Public health and health care". Basic concepts and criteria of public health**

Maintenance of a subject:

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Public health and health care as science and subject of teaching.

Discipline role "Public health and health care" in practical activities of the doctor, bodies and healthcare institutions, in planning, management, organization of labor in health care. Main methods of a research of discipline "Public health and health care". Emergence and development of social hygiene and organization of health care (public medicine). Formation development of social hygiene and the organization of health care in Russia.

Founders of domestic social hygiene and organization of health care, their contribution to development of discipline (N.A. Semashko, Z.P. Solovyov, G.N. Kaminsky, G.A. Batkis, A.D. Serenko, etc.)

Present stage of development of discipline "Public health and health care". Basic concepts and criteria of public health. The factors defining public health. Indicators of public health, methods of their study, assessment and analysis, trends

## **Subject 2. Health care systems in various countries. Policy in the field of health protection**

Maintenance of a subject:

Health care as system of actions for preservation, strengthening and recovery of population health. Social and economic models of health care in various countries, the main characteristics and problems. Policy of reforming of health care in the developed countries. Types of property in health care of the Russian Federation (state, municipal, private). Principles of protection of public health of the Russian Federation. Fundamentals of policy of domestic health care. The main directions of modern reforms of health care the Russian Federation. Informatization in a health care system

Participation of public organizations in public health care. The international cooperation in health care. World Health Organization (WHO), its structure, main activities. Definition of the concept "Quality of Life". Concept of a research of quality of life. The main directions of a research of quality of life in medicine

## **Subject 3. Legal bases of health protection**

Maintenance of a subject:

System of legal support of protection of public health. The constitution of the Russian Federation about protection of public health, the Federal Law - 323 "About bases of protection of public health in the Russian Federation" (2011), the Federal Law - 326 "About compulsory health insurance in the Russian Federation" (2010), etc. Basic principles of public health care of the Russian Federation. The rights and duties of citizens in the field of health protection. The rights of separate groups of the population in the field of health protection. Rights of the patient as consumer of medical goods and services.

Right for implementation of medical and pharmaceutical activity. Rights of health workers and measure of their stimulation. Duties of health workers and pharmaceutical workers. Responsibility in the field of health protection.

The system of training of medical personnel in the Russian Federation. Main directions of improvement of preparation and retraining of doctors.

Theoretical fundamentals of medical ethics and medical ethics. Bioethics. Deontological traditions of domestic health care. Features of medical ethics and medical ethics in surgery, obstetrics and gynecology, pediatrics. Order of use of new methods of prevention, diagnostics and treatment, carrying out biomedical researches

Legal and moral aspects of medical secrecy.

## **Subject 4. Social and health insurance. Quality of medical care. Modern problems of quality of medical care**

Maintenance of a subject:



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National social insurance. Bodies of social insurance, structure and functions. Social protection, concept, types of social protection (grants, pensions, services, privileges, etc.).

Health insurance as type of social insurance, definition, purposes. The short history of development of health insurance in the Russian Federation and abroad.

The legal framework of health insurance in the Russian Federation.

Types, principles of health insurance. Voluntary health insurance. The organization of compulsory health insurance in the Russian Federation. Subjects and participants of health insurance.

Programs of compulsory health insurance: basic compulsory health insurance programs, compulsory health insurance territorial program. The rights and duties of the insured persons when receiving medical care according to the program of compulsory health insurance

Quality of medical care, definition, basic concepts. Quality management, its main models. Organization of control of volumes, terms, quality and conditions of providing medical care. Standards and orders of delivery of health care. Evidential medicine in development of the quality standards of medical care. Methods of calculation and the analysis of indicators of quality of medical care in the out-patient and polyclinic medical organizations and hospitals. Modern problems of quality of medical care.

## Section 2. Public health

### Subject 5. Bases of medical statistics. Relative and average sizes. Characteristic of a variety of sign.

#### Maintenance of a subject:

Statistics as science. Main definitions and concepts of medical statistics. Value of a statistical method when studying public health and the organization of medical care. Statistical set. Types of statistical sets (general and selective). Sampling unit. Definition, properties, registration signs. Classification of registration signs.

Organization (stages) of a statistical research. Maintenance of stages of a statistical research. Types of statistical tables, technique of their construction.

Concept about relative sizes, types of relative sizes (extensive, intensive, presentation, a ratio), ways of calculation, area of practical application. The graphic representation in statistics, types of graphics, their use for the analysis of the phenomena. Indicators of a dynamic row, their calculation and practical application.

Average sizes and their practical application medicine and health care. Methods of calculation of average sizes. Variational series, types of variational series; the sizes characterizing a variational series. Practical application of an average quadratic deviation and coefficient of variation .

### Subject 6. Assessment of reliability of results of a research. Standardization method. Correlation analysis

#### Maintenance of a subject:

Definition of the concept "reliability of results of a research". Key indicators. General provisions of parametrical and nonparametric methods of assessment of reliability of results of a research. Definition of an error of representativeness of average size. Definition of an error of representativeness of relative size. Definition of confidential borders of average and relative size in population. Assessment of reliability of a difference of average sizes. Assessment of reliability of a difference of relative sizes.

Standardization method. Essence, value and practical application. Technique of calculation and analysis of indicators of standardization.

Concept about functional and correlation dependence. Correlation coefficient, its assessment. Methods of calculation of correlation coefficient, their value and practical application.

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### **Subject 7. Medico-social aspects of demography**

#### Maintenance of a subject:

Definition of medical demography, main sections.

Population statics: the major indicators. Population censuses as source of information on a population statics, carrying out technique, results .

Dynamics of the population, its types. Population shift, the factors defining it, top trends.

Influence of migration on health of the population.

Reproduction of the population. General and special indicators, calculation procedure, analysis and assessment. A role of the health worker in registration of the birth and death. Structure of causes of death in the Russian Federation. The factors determining levels and causes of death. Infantile mortality, study technique, indicators, levels, structure of the reasons. The factors determining levels of infantile mortality, a trend. Perinatal mortality, study technique, structure and reasons, trends. Natural increase of the population, factors on it influencing. Main patterns and trends worldwide.

The current state and top trends of demographic processes in the Russian Federation and foreign countries for the last decade. The factors defining features and dynamics of modern demographic processes. Population policy, a concept, the main directions in various countries.

### **Subject 8. Population morbidity: state and top trends**

#### Maintenance of a subject:

Definition of a concept of incidence. Information sources. Methods of studying population morbidity and their comparative characteristic. Types of incidence. The registration and reporting documentation used for collecting and the analysis of information on incidence. The international statistical classification of diseases, the problems connected with health, the principles and features of its construction.

The current state, trends and features of population morbidity in the Russian Federation, the factors defining them.

Value of incidence as main criterion of health of the population and its separate groups for the analysis and planning of activity of doctors, bodies and healthcare institutions, for assessment of quality and efficiency of medical care.

Physical development as one of criteria for evaluation of the state of health of the population.

Key indicators of physical development. The factors affecting dynamics of physical development

### **Subject 9. Medico-social importance of the major diseases. Current statetrends of disability**

#### Maintenance of a subject:

Definition and main criteria of the medico-social importance of a problem.

Infectious diseases as medico-social problem. Prevalence of infectious pathology. Risk factors of spread of infectious diseases. Medical and social prevention of infectious diseases.

Tuberculosis as medico-social problem. HIV as medico-social problem.

The major non-communicable diseases (blood circulatory system, malignant new growths, traumatism, alcoholism, drug addiction, toxicomania, tobacco smoking) as medico-social problem. Level, dynamics, structure of primary and general incidence, disability and mortality. Age and sex features. Risk factors. Strategy of prevention.

Disability as one of criteria of health of the population, factors it defining.

Rehabilitation of disabled people. Types of rehabilitation.

### **Subject 10. Health of the population of the Ulyanovsk region. Medico-social aspects of lifestyle of the population**

#### Maintenance of a subject:

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Regional features of reproduction of the population in connection with the level of social and economic development of the Ulyanovsk region. Structure of incidence and prevalence of diseases of the population of the Ulyanovsk region. Dynamics of indicators of incidence factors them defining.

Lifestyle: definition. Medico-social aspects of lifestyle of the population. Influence of lifestyle on health of various groups of the population. A concept about risk factors.

Healthy Lifestyle (HL): definition, mechanisms of its forming. A concept about medical activity of the population. A role of the doctor in forming of a healthy lifestyle of the population

### **Subject 11. Health the preserving technologies. Hygienic education and training of the population**

#### Maintenance of a subject:

Prevention as one of the priority directions of public health care. Purpose of prevention, its task, levels and types: social, social and medical, medical. Prevention stages: primary, secondary, tertiary.

The preventive direction modern reforms of health care.

Hygienic training and education of the population, purpose, principles, methods, forms and means.

Service of forming of a healthy lifestyle.

### **Section 3. Organization of public health care**

### **Subject 12. Organization of primary health care. Organization of emergency medical service**

#### Maintenance of a subject :

Organization of medical care for the population. Types, conditions and forms of the organization of medical care. Nomenclature of the medical organizations. Organization of primary health care. Prospects of development and improvement of PHC. A role of the priority national Health project in development of primary health care.

City polyclinic, organizational structure and principles of the organization of work

Local principle of polyclinic service, its value, implementation. Functions of district doctors and nurses. Delivery of health care by the principle "the family doctor" and the general practitioner.

Organization of dispensary service of the population. Routine inspections.

Role of polyclinic in forming of a healthy lifestyle.

The organization of provision of medicines of the patients receiving medical care in out-patient conditions.

Key performance indicators of polyclinic: completeness states, combining jobs coefficient, an uchastkovost indicator on reception, coverage and regularity of dispensary observation, average duration of treatment, frequency of a divergence of diagnoses polyclinic clinical, etc.

Features of work of polyclinic in modern conditions. The organization of provision of medicines of the patients receiving medical care in out-patient conditions.

Emergency medical service: definition, principles of the organization of service. Stages of emergency medical service. Continuity interrelation in work of SMP institutions various medical organizations.

### **Subject 13. Organization of the stationary help to the population.**

#### Maintenance of a subject :

Types of hospitals. Hospital. Organizational structure, functions.

Order of receipt and extract of patients. Main departments of a hospital, function and organization of work of doctors, nurses and junior medical staff. The medical and guarding mode

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in a hospital. Sanitary and antiepidemiological mode of hospital. Organization of provision of medicines of inpatients.

Modern problems of reforming of the stationary help to the population. Hospital-replacing technologies.

Key performance indicators of a hospital: indicators of use of bed fund, hospital lethality, percent of postoperative complications, percent of a divergence of pathoanatomical and clinical diagnoses, etc.

Joint municipal hospital, its tasks, organizational structure, activity indicators

Organization of specialized medical care.

#### **Subject 14. System of health protection of mother and child. Organization of medical care for children**

##### Maintenance of a subject:

System of health protection of mother and child, purpose, tasks, development stages, basic elements. Medico-social value of a system of protection of motherhood and childhood. Types of the medical organizations in the system of protection of motherhood and the childhood.

Children's polyclinic: its tasks, structure. Forming of pediatric sites, functions of local pediatricians and organization of their work. The organization of dispensary observation for children of the first year of life. Documentation of children's polyclinic.

Organization of the stationary help to children. Children's hospital, tasks, structure, features of the organization of work. Medical and guarding mode of a children's hospital

Analysis of activity of children's polyclinic. Key indicators. Analysis of activity of a hospital of children's hospital. Key indicators.

Child mortality, indicators, technique of calculation and analysis. The factors influencing child mortality

#### **Subject 15. Organization of the obstetric and gynecologic help**

##### Maintenance of a subject:

Organizational and legal aspects of rendering obstetric and gynecologic help. Organization of the ambulatory obstetric and gynecologic care.

Clinic for women, structure, tasks, features of the organization of work, documentation. Forming of obstetric and gynecologic sites, functions of local obstetricians-gynecologists. A dispensary method in work of clinics for women. Birth certificate.

Maternity hospital: its tasks and structure, advantages of merging of maternity hospital with clinic for women. Preventive and anti-epidemic actions in obstetric hospitals. Ensuring continuity in activity of clinic for women, a hospital of maternity hospital and children's polyclinic.

Specialized obstetric and gynecologic help. Perinatal centers. Women hospital (department).

Analysis of activity of clinic for women maternity hospital.

#### **Subject 16. Organization of medical care for country people, worker of the industrial enterprises. Organization of the sanatorium help.**

##### Maintenance of a subject:

Features of medical care for country people. Staging of the organization of medical care for country people.

Rural medical site: its structure and functions.

Regional medical organizations. Central District Hospital (CDH): its tasks, structure and functions.

Regional medical organizations. Regional hospital. Regional clinics. Their role in ensuring the highly skilled medical and sanitary help to country people. Main directions of improvement

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of medical care for country people.

System of rendering primary health care by the worker of the industrial enterprises. Medical and sanitary part, its organizational structure, tasks. Shop service. Scheduled maintenance of the shop therapist. Routine inspections at the enterprises, their types.

Sanatorium help as one of important links in the system of treatment-and-prophylactic and rehabilitation actions.

Sanatoria, their types, tasks, organization of work. An order of the direction of patients on sanatorium treatment.

Sanitary and epidemiologic service of the population. Service of Rosпотребнадзор. Center of hygiene and epidemiology, structure, tasks. Types of sanitary and epidemiological surveillance

### **Subject 17. Medical examination. Examination of temporary disability. Medico-social examination**

#### Maintenance of a subject :

Medical examination. A concept about disability. Examination of temporary disability: definition, carrying out levels. Types of temporary disability. The main documents certifying temporary disability. Features of examination and registration of a leaf of disability at different types of disability. Medical commission, structure, main functions.

Permanent disability. Basic concepts. Criteria and reasons of disability. MSE as one of types of social protection of citizens. The basic concepts used when carrying out MSE.

Medico-social Commissions of Experts (MSCE): levels, structure, functions. An order of the direction of citizens on MSE. Order of appeal against decisions of MSE bureau.

Individual program of rehabilitation of disabled people.

### **Subject 18. Bases of the economy, managements, planning and financing of health care**

#### Maintenance of a subject :

Health care economy: definition, tasks. Main directions (profitability and efficiency), indicators. Types of efficiency of health care (medical, social, economic), their indicators, evaluation criteria.

Forming of the market relations in health care of the Russian Federation. Features of medical goods and market of medical services. Cost of medical care, principles of pricing. Types of the prices of medical services.

Paid medical care in a health care system, the principles of the organization, a rendering order.

Legal forms of activity in health care. Types of the medical organizations. Analysis of economic activity of the organizations of health care.

Planning in health care. Principles and methods of planning. Types of plans. Plan indicators. Information necessary for scheduling.

Management in health care. Features of management of the medical organization in modern conditions

Financing of health care. Sources of financing of health care in the Russian Federation.

Financing of the medical organizations

Marketing of medical services. Basic concepts, Stages of drawing up and carrying out market researches.

Scientific organization of labor in health care. Main directions of improvement. Informatization in health care

## **6. SUBJECTS OF THE PRACTICAL TRAINING**

### **Section 1 Theoretical bases of discipline "Public health and health care"**

#### **Subject 1: Theoretical bases of discipline "Public healthhealth care". Basic concepts and**

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### **criteria of public health**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. "Public health and health care" as scientific discipline and subject of teaching.
2. Discipline role "Public health and health care" in practical activities of the doctor, bodies and healthcare institutions, in planning, management, organization of labor in health care.
3. Main methods of a research of discipline "Public health and health care"
4. Public health, definition, levels. Criteria of public health.
5. The factors affecting public health.
6. Indicators of public health, methods of their study, assessment and analysis, trends

Questions for independent study:

1. Historical stages of development of social hygiene and organization of health care (public medicine)
2. Founders of domestic social hygiene and organization of health care, their contribution to development of discipline (N.A. Semashko, Z.P. Solovyov, G.N. Kaminsky, G.A. Batkis, A.D. Serenko, etc.)
3. Basic principles of domestic health care at stages of its development

### **Subject 2. Health care systems in various countries. Policy in the field of health protection**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. Health care as system of actions for preservation, strengthening and recovery of population health.
2. Social and economic models of health care in various countries (private, insurance, state), the main characteristics/problems.
3. Types of property in health care of the Russian Federation (state, municipal, private).
4. Basic principles of protection of public health of the Russian Federation.
5. Main priorities of state policy on public health care.
6. Essence of reforms of health care of the Russian Federation at the present stage.

Questions for independent study:

1. Informatization in a health care system
2. Participation of public organizations in public health care.
3. International cooperation in health care.
4. World Health Organization (WHO), its structure, main activities.
5. Definition of the concept "Quality of Life". Concept of a research of quality of life. The main directions of a research of quality of life in medicine

### **Subject 3: Legal bases of health protection**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. Legal bases of protection of public health in the Russian Federation (The constitution of the Russian Federation, Federal Law 323 "About bases of protection of public health in the Russian Federation", Federal Law 326 "About compulsory health insurance in the Russian Federation", etc.)
2. Basic principles of public health care of the Russian Federation
3. Rights and duties of citizens in the field of health protection.
4. Rights and the patient's duties when receiving medical care.
5. Right for implementation of medical and pharmaceutical activity

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6. Rights and duties of health workers.
7. Legal and moral aspects of medical secrecy.

Questions for independent study:

1. Theoretical fundamentals of medical ethics and medical ethics. Bioethics. Deontological traditions of domestic health care
2. Features of medical ethics and medical ethics in surgery, obstetrics and gynecology, pediatrics. Order of use of new methods of prevention, diagnostics and treatment, carrying out biomedical researches
3. Rights of separate groups of the population in the field of health protection .
4. Responsibility of medical personnel for infliction of harm to health of citizens.
5. System of training of medical personnel in the Russian Federation. Forms of primary specialization and postdegree skills development. Main directions of improvement of preparation and retraining of doctors.

**Subject 4: Social and health insurance. Quality of medical care. Modern problems of quality of medical care**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. National social insurance. Bodies of social insurance, structure and functions.
2. Health insurance as a type of social insurance to the Russian Federation, definition, the purposes.
3. Legal framework of health insurance.
4. Types and principles of health insurance
5. Organization of compulsory health insurance in the Russian Federation: subjects and participants, their rights and duty, interaction.
6. Programs of the state guarantees of rendering to citizens of the Russian Federation of free medical care. Basic and territorial programs.
7. The rights and duties of the insured persons when receiving medical care according to the program of compulsory health insurance
8. Quality of medical care. Definition. Basic concepts.
9. Standards and orders of delivery of health care. Evidential medicine in development of the quality standards of medical care.
10. Organization of control of volumes, terms, quality and conditions of providing medical care.
11. Methods of calculation and the analysis of indicators of quality of medical care in the out-patient and polyclinic medical organizations and hospitals.

Questions for independent study:

1. Social protection, concept, types of social protection (grants, pensions, services, privileges, etc.).
2. History of formation of health insurance in the Russian Federation
3. Voluntary health insurance.
4. Modern methods of assessment of quality and efficiency of medical care.
5. Models of quality management of medical care.
6. Modern problems of quality of medical care.

**Section 2. Public health**

**Subject 5: Bases of medical statistics. Relative and average sizes. Characteristic of a variety**

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Carrying out form – practical occupation

#### Questions for discussion on occupation:

1. Medical statistics. Definitions main sections.
2. Statistical set. Types of statistical sets (general and selective).
3. Sampling unit. Definition, properties, registration signs. Classification of registration signs.
4. Requirements imposed to a sample.
5. Organization (stages) of a statistical research.
6. Contents of the plan and program of a statistical research.
7. Maintenance of the stage "Processing of the Obtained Data".
8. Types of statistical tables, technique of their construction.
9. Concept about absolute and relative values,
10. Types of relative sizes. A calculation procedure, practical application in health care.
11. Graphic representation in statistics, types of graphics, their use for the analysis of the phenomena.
12. Average size. Definition. Types of average sizes.
13. Practical application of average sizes in medical practice and health care.
14. Variational series, types of variational series.
15. Method of calculation of average sizes and criteria of a variety of a variational series.

#### Questions to a subject for independent study:

1. Value of a statistical method when studying public health and the organization of medical care.
2. Value of a mean square deviation and coefficient of variation for assessment of variability of the studied sign and typicality of average size.
3. Indicators of a dynamic row, their calculation and practical application

### **Subject 6: Assessment of reliability of results of a research. Standardization method. Correlation analysis**

#### Questions for discussion on occupation:

Carrying out form – practical occupation

1. Definition of the concept "reliability of results of a research". Key indicators.
2. Ways of definition of an error of representativeness of average and relative sizes.
3. Definition of confidential borders of average and relative sizes.
4. Assessment of reliability of a difference of results of a research.
5. The standardized indicators. Definition. Practical application.
6. Stages of calculation of the standardized indicators .
7. A technique of the analysis of the standardized indicators.
8. Concept about functional and correlation dependence.
9. Characteristic of correlation coefficient, its assessment .
10. Technique and an order of calculation of correlation coefficient on a quadrature method.
11. Technique and an order of calculation of correlation coefficient on a method of rank correlation.

#### Questions for independent study:

1. Parametrical and nonparametric methods of assessment of reliability of results of a research, condition of their use.
2. Method of standardization of indicators. Essence of a method, practical application.

### **Subject 7: Medico-social aspects of demography**



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Carrying out form – practical occupation

Questions for discussion on occupation:

1. Definition of medical demography, main sections.
2. Demographic indicators. Main problems. Use of demographic indicators in health care
3. Population statics: the major indicators, value in practice of health care.
4. Population censuses as a source of information on a population statics, carrying out technique, value for health care. Results of the last census in the Russian Federation.
5. Dynamics of the population, its types .
6. Birth rate. Study technique. General and special indicators, calculation procedure, analysis and assessment.
7. The factors determining birth rate levels. Trends, features and dynamics of birth rate in the Russian Federation.
8. Population. Study methods. General and special indicators, calculation procedure, analysis and assessment.
9. Structure of causes of death in the Russian Federation. The factors determining levels and causes of death.
10. Infantile mortality, study technique, indicators, levels, structure of the reasons. The factors determining levels of infantile mortality, a trend
11. Perinatal mortality, study technique, structure and reasons, trends. Ways of decrease in perinatal mortality
12. Vital rates, their levels and dynamics to the Russian Federation, factors influencing the natural movement.
13. Natural increase of the population, factors on it influencing. Main patterns and trends worldwide. Demographic forecasts
14. Role of the health worker in registration of the birth and death.
15. The factors defining features and dynamics of modern demographic processes.

Questions for independent study:

1. Postareny population as current demographic trend. Medico-social value of this problem.
2. Population shift: external and internal, the factors defining it, top trends. Influence of migration on health of the population.
3. Current state and top trends of demographic processes in the Russian Federation for the last decade.
4. Population policy, a concept, the main directions in various countries.

**Subject 8 Population morbidity: state and top trends**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. Definition of a concept of incidence. Information sources. Types of incidence.
2. Value of studying incidence. Methods of studying incidence.
3. The registration and reporting documentation used for collecting and the analysis of information on incidence.
4. Incidence indicators, calculation procedure and assessment.
5. Incidence assessment from a position of evidential medicine.
6. The international statistical classification of diseases, the problems connected with health, the principles and features of its construction.
7. Incidence according to negotiability behind medical care, a study technique, registration documents, level, structure, trends.
8. Incidence according to medical examinations. Study technique, registration documents, indicators. Types of medical examinations.

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9. Incidence according to data on causes of death. Study technique, registration documents, indicators. A role of doctors at registration of causes of death.
10. Incidence with temporary disability: study technique, registration documents, indicators, trends. Economic value of incidence with temporary disability
11. Comparative characteristic of methods of studying population morbidity.

Questions for independent study:

1. Incidence as main quality criterion and efficiency of medical care.
2. The current state, trends and features of population morbidity in the Russian Federation, the factors defining them. Level, structure, dynamics of indicators of incidence.
3. Physical development as one of criteria for evaluation of the state of health of the population. Key indicators of physical development. The factors affecting dynamics of physical development

**Subject 9 medico-social importance of the major diseases. Current state and trends of disability**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. Definition and main criteria of the medico-social importance of a problem
2. Infectious diseases as medico-social problem. Risk factors. Strategy of prevention.
3. Blood circulatory system diseases as a medico-social problem in Russia and abroad. Risk factors. Strategy of prevention.
4. Malignant new growths as a medico-social problem in Russia and abroad. Risk factors. Strategy of prevention.
5. Traumatism as medico-social problem. Types of traumatism, their prevalence. Prevention of traumatism.
6. Alcoholism, drug addiction, toxicomania, tobacco smoking as medico-social problem. Age and sex features, medical and social consequences.
7. HIV infection and acquired immunodeficiency syndrome as medico-social problem. Prevalence in the Russian Federation and the Ulyanovsk region.
8. Tuberculosis as medico-social problem. Incidence, mortality, regional features. Prevention of tuberculosis.
9. Definition of a concept of disability. Disability as one of criteria of health of the population. Information sources, indicators, technique of their calculation and assessment.

Questions for independent study:

1. The current state trends of disability of the population, factors it defining.
2. Rehabilitation of disabled people. Types of rehabilitation.

**Subject 10 Health of the Population of the Ulyanovsk region. Medico-social aspects of lifestyle of the population**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. Regional features of reproduction of the population in connection with the level of social and economic development of the Ulyanovsk region .
2. Structure of incidence and prevalence of diseases of the population of the Ulyanovsk region.
3. Dynamics of indicators of incidence factors them defining.
4. Lifestyle: definition. Medico-social aspects of lifestyle of the population.
5. Concept about risk factors, classification of risk factors.
6. Role of the doctor in forming of a healthy lifestyle of the population
7. Healthy Lifestyle (HL): definition, mechanisms of its forming.

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## 8. Concept about medical activity.

### Questions for independent study:

1. Influence of lifestyle on health of various groups of the population.

## **Subject 11 Health the Preserving Technologies. Hygienic education and training of the population**

Carrying out form – practical occupation

### Questions for discussion on occupation:

1. Prevention as one of the priority directions of public health care.
2. Purpose of prevention, its task, levels (state, collective, family, individual).
3. Primary prevention, its contents.
4. Secondary prevention.
5. Tertiary prevention (rehabilitation).
6. Hygienic training and education of the population, purpose, principles, methods, forms and means.

### Questions for independent study:

1. Service of forming of a healthy lifestyle
2. Preventive direction in modern reforms of health care.

## **Section 3. Organization of public health care**

### **Subject 12 Organization of Medical Care for the Population. Primary health care**

Carrying out form – practical occupation

### Questions for discussion on occupation:

1. Organization of medical care for the population. Types, conditions, forms of delivery of health care .
2. Nomenclature of the medical organizations
3. The Primary Health Care (PHC) – the first stage of continuous process of public health care. Prospects of development and improvement of PHC
4. City polyclinic, structure, functions. A role of the priority national Health project in development of primary health care
5. Local principle of polyclinic service, its value, implementation. Functions of district doctors and nurses. Delivery of health care by the principle "the family doctor" and the general practitioner
6. Department of prevention of city polyclinic, structure, functions. A role of modern reforms of health care in improvement of scheduled maintenance of polyclinic
7. Organization of reception of the population in polyclinic. Registry, structure, functions, documentation, features of work in modern conditions
8. Dispensary method in work of polyclinics, the main objectives, a technique, the contingents. A role of the district doctor and doctors of various specialties in the organization of dispensary observation
9. Routine inspections, their types. A role of routine inspections in early detection of diseases among the population
10. Key performance indicators of polyclinic, technique of calculation and analysis
11. The organization of provision of medicines of the patients receiving medical care in out-patient conditions .
12. Emergency medical service: definition, principles of the organization of service.
13. Stages of emergency medical service.
14. Continuity and interrelation in work of SMP institutions with various medical organizations.

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Questions for independent study:

1. Prospects of development and improvement of PHC.
2. Role of polyclinic in forming of a healthy lifestyle.
3. Features of work of polyclinic in modern conditions.
4. Features of rendering ambulance and emergency medical service in modern health care

**Subject 13 Organization of the Stationary Help to the Population**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. Organization of the stationary help to the population. Types of hospitals.
2. Hospital. Organizational structure, functions.
3. Reception of a hospital. Its organizational structure and functions. Documentation of reception.
4. Order of receipt and extract of patients.
5. Main departments of a hospital
6. Functions and organization of work of doctors of a hospital, nurses and junior medical staff.
7. Organization of provision of medicines of inpatients.
8. uchetno-reporting documentation of a hospital
9. Key performance indicators of a hospital: indicators of use of bed fund and quality of the stationary help.
10. Modern problems of reforming of the stationary help to the population. Hospital-replacing technologies.
11. Medical and social efficiency of day hospitals.
12. Joint municipal hospital, its tasks, organizational structure, activity indicators

Questions for independent study:

1. Medical and guarding mode in a hospital. Its basic elements.
2. Sanitary and anti-epidemic mode of hospital. Prevention of intrahospital infections.
3. Organization of specialized medical care.

**Subject 14 System of Health Protection of Mother and Child. Organization of medical care for children**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. System of health protection of mother and child, purpose, tasks, development stages, basic elements .
2. Types of the medical organizations in the system of protection of motherhood and the childhood.
3. Children's polyclinic: its tasks, organizational structure .
4. Forming of pediatric sites
5. Functions of local pediatricians and organization of their work.
6. Organization of dispensary observation for children of the first year of life
6. Documentation of children's polyclinic
7. Analysis of activity of children's polyclinic. Key indicators.
8. Organization of the stationary help to children. Children's hospital, tasks, structure
9. Reception of children's hospital. Organization of reception and extract of children
9. Features of the organization of work of a children's hospital
10. Analysis of activity of a hospital of children's hospital. Key indicators.

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Questions for independent study:

1. Medico-social value of a system of protection of motherhood and childhood.
2. Medical and guarding mode of a children's hospital
3. Child mortality, indicators, technique of calculation and analysis. The factors influencing child mortality

**Subject 15 Organization of the Obstetric and Gynecologic Help**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. Organization of the ambulatory obstetric and gynecologic care
2. Clinic for women, structure, tasks, features of the organization of work, documentation.
3. Forming of obstetric and gynecologic sites, functions of local obstetricians-gynecologists.
4. Dispensary method in work of clinics for women.
5. Organization of dispensary observation for pregnant women
6. Documentation of clinic for women. Birth certificate
7. Maternity hospital: its tasks and structure, advantages of merging of maternity hospital with clinic for women. Organization of reception of pregnant women and gynecologic patients
8. Documentation of maternity hospital
9. Preventive and anti-epidemic actions in obstetric hospitals.
10. Ensuring continuity in activity of clinic for women, a hospital of maternity hospital and children's polyclinic.
11. Analysis of activity of clinic for women
12. Analysis of activity of maternity hospital

Questions for independent study:

1. Organizational and legal aspects of rendering obstetric and gynecologic help.
2. Specialized obstetric and gynecologic help. Perinatal centers.

**Subject 16 Organization of Medical Care for Country People, worker of the industrial enterprises. Organization of the sanatorium help**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. Features of medical care for country people. Staging of the organization of medical care for country people.
2. Rural medical site: its structure and functions. Medical and obstetrical center
3. Central District Hospital (CDH): its tasks, structure and functions. Interdistrict specialized departments. A role of central district hospital in the organization of specialized medical care for country people.
4. Regional hospital. Tasks, organizational structure and functions. A role in ensuring highly skilled medical care for country people.
5. Main directions of improvement of medical care for country people.
6. System of rendering primary health care by the worker of the industrial enterprises.
7. Medical and sanitary part, its organizational structure, tasks.
8. Shop service. Scheduled maintenance of the shop therapist.
9. Routine inspections at the enterprises, their types .
10. Sanatorium help as one of important links in the system of treatment-and-prophylactic and rehabilitation actions.
11. Sanatoria, their types, tasks, organization of work .
12. Order of the direction of patients on sanatorium treatment.

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Questions for independent study:

1. Sanitary and epidemiologic service of the population. Service of Rospotrebnadzor.
2. Center of hygiene and epidemiology, structure, tasks. Types of sanitary and epidemiological surveillance

**Subject 17 Medical examination. Examination of temporary disability. Medico-social examination**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. Examination of temporary disability: definition, carrying out levels.
2. The main documents certifying temporary disability.
3. Rules of registration of a leaf of disability .
4. Order of delivery of a leaf of disability in diseases and injuries.
5. Order of delivery of a leaf of disability on nosotrophy by the family member.
6. Order of delivery of a leaf of disability on pregnancy and childbirth.
7. Order of delivery of a leaf of disability for sanatorium aftercare, prosthetics and at a quarantine.
8. Functions of the attending physician when conducting examination of temporary disability
9. Medical commission, structure, main functions
10. Permanent disability. Basic concepts. Criteria and reasons of disability
11. Medico-social examination. The basic concepts used when carrying out MSE.
12. Medico-social Commissions of Experts (MSCE): levels, structure, functions .
13. Order of the direction of citizens on MSE.
14. Order of appeal against decisions of MSE bureau .
15. Disability reasons.
16. Groups of disability, criteria of their definition, re-examination terms.

Questions for independent study:

1. Medical examination. Types of medical examinations.
2. Concept about disability. Types of disability
3. Individual program of rehabilitation of disabled people

**Subject 18 of the Basis of the economy, management, planning and financing of health care**

Carrying out form – practical occupation

Questions for discussion on occupation:

1. Health care economy: definition, tasks. Main directions (profitability and efficiency), indicators.
2. Types of efficiency of health care (medical, social, economic), their indicators, evaluation criteria.
3. Forming of the market relations in health care of the Russian Federation. Features of medical goods and market of medical services.
4. Cost of medical care, principles of pricing. Types of the prices of medical services.
5. Legal forms of activity in health care. Types of the medical organizations.
6. Analysis of economic activity of the organizations of health care.
7. Planning in health care. Principles methods of planning. Types of plans. Plan indicators. Information necessary for scheduling.
8. Management in health care. Features of management of the medical organization in modern conditions
9. Financing of health care. Sources of financing of health care in the Russian Federation.
10. Financing of the medical organizations

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Questions for independent study:

1. Paid medical care in a health care system, the principles of the organization, a rendering order. Payment of medical services
2. Marketing of medical services. Basic concepts, Stages of drawing up and carrying out market researches.
3. Scientific organization of labor in health care. Main directions of improvement. Informatization in health care.

**7. LABORATORY WORKS, WORKSHOPS**

This type of work is not provided unitary enterprise

**8. SUBJECT COURSE, EXAMINATIONS, PAPERS**

This type of work is not provided unitary enterprise

**9. LIST OF QUESTIONS TO OFFSET, EXAMINATION**

**9.1 The list of questions to examination**

1. Public health and health care as scientific discipline and subject of teaching. Contribution of domestic scientists to studying social problems of medicine and development of domestic health care (N.A. Semashko, Z.P. Solovyov, G.N. Kaminsky, G.A. Batkis, A.D. Serenko, etc.)
2. Main methods of discipline "Public health and health care"
3. Theoretical fundamentals of medical ethics and medical ethics. Bioethics. Deontological traditions of domestic health care
4. Legal bases of protection of public health in the Russian Federation
5. The basic principles of protection of public health in the Russian Federation. Legislative bases.
6. The rights and the patient's duties when receiving medical care. Rights and duties of health workers. Legislative bases
7. Medical secrecy, its legal and moral aspects
8. Features of medical ethics and medical ethics in surgery, obstetrics and gynecology, pediatrics. Order of use of new methods of prevention, diagnostics and treatment, carrying out biomedical researches
9. Main priorities of state policy on public health care. Essence of reforms of health care at the present stage. (Priority national Health project, "Program of Modernization of Health Care", etc.)
10. Medical statistics, definition, main sections. Value of a statistical method when studying public health and the organization of medical care
11. Statistical set, sampling unit. Definition, properties, registration signs. A concept about generalselective sets
12. Stages of a statistical research, their contents
13. Types of statistical tables, technique of their construction
14. Relative sizes, types, calculation procedure, practical application in health care
15. The graphic representation in statistics, types of graphics, their use for the analysis of the

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- phenomena
16. Variational series, types of variational series. Value of a mean square deviation and coefficient of variation in assessment of variability of the studied sign and typicality of average size
  17. Average size. Definition. Types of average sizes. Calculation procedure. Practical application of average sizes in practice of health care
  18. Definition of the concept "reliability of results of a research". Key indicators
  19. Standardization method. Essence of a method of standardization. Practical application of a method of standardization. The standardized indicators
  20. Concept about functional and correlation dependence. Characteristic of correlation coefficient, its assessment
  21. Indicators of a dynamic row, their calculation and practical application
  22. Public health, definition, levels. Criteria of public health. The factors affecting public health
  23. Indicators of public health, methods of their study, assessment and analysis, trends
  24. Definition of medical demography, sections, demographic indicators. Main problems. Use of demographic indicators in health care
  25. Population statics: the major indicators, value in practice of health care
  26. Population census, the main characteristics, carrying out technique, value for health care. Results of the last census in the Russian Federation
  27. Dynamics of the population, its types. Population shift: external, internal. Factors its defining, top trends. Influence of migration on health of the population
  28. Birth rate. Study technique. General and special indicators. The factors determining levels of birth rate, a trend. Features and dynamics of birth rate in the Russian Federation. A role of doctors and the medical organizations in registration of births
  29. Population mortality. Study technique, general and special rates of mortality, their levels, calculation procedure, structure of the reasons. The factors defining death rates. A role of doctors in registration of cases of death
  30. Infantile mortality, study technique, indicators, levels, structure of the reasons. The factors determining levels of infantile mortality, a trend
  31. Perinatal mortality, study technique, structure and reasons, trends. Ways of decrease in perinatal mortality
  32. Child mortality. Study technique. Structure and reasons. The factors influencing child mortality
  33. Vital rates, their levels and dynamics in the Russian Federation. The factors influencing the natural movement of the population.
  34. Natural increase of the population, factors on it influencing. Main patterns and trends worldwide. Demographic forecasts
  35. Definition of a concept of incidence, information sources. Types of incidence. Value of studying incidence
  36. The registration documentation used for collecting and the analysis of information on incidence.
  37. Methods of studying population morbidity, their comparative characteristic. Incidence indicators
  38. Population morbidity on negotiability behind medical care: a study technique, registration documents, level, structure of incidence according to negotiability, trends
  39. Population morbidity according to medical examinations: study technique, registration documents, indicators. Types of medical examinations
  40. Population morbidity by data about causes of death, a study technique, indicators. A role of doctors at registration of causes of death



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41. The international statistical classification of diseases, the problems connected with health, the principles and features of its construction
42. Incidence with temporary disability: study technique, registration documents, indicators, trends. Economic value of incidence with temporary disability
43. Population morbidity of the Russian Federation: level, structure, dynamics of indicators, factors on them influencing
44. Health of the population of the Ulyanovsk region, key indicators, trends. The factors affecting health of the population of the region
45. Physical development as one of criteria for evaluation of the state of health of the population. Key indicators of physical development. The factors affecting dynamics of physical development
46. Blood circulatory system diseases as a medico-social problem in Russia and abroad. Risk factors. Strategy of prevention
47. Malignant new growths as medico-social problem. Risk factors. Prevention
48. Traumatism as medico-social problem. Types of traumatism, their prevalence. Prevention of traumatism
49. Alcoholism, drug addiction, toxicomania, tobacco smoking as medico-social problem. Age and sex features, medical and social consequences
50. HIV infection and acquired immunodeficiency syndrome as the major medico-social problem. Spread of HIV infection to the Russian Federation and Ulyanovsk region
51. Tuberculosis as medico-social problem. Incidence, mortality. Regional features. Prevention of tuberculosis
52. Disability as one of criteria of health of the population. Information sources. Indicators, technique of their calculation and assessment. The factors influencing disability indicators
53. Examination of temporary disability: definition, carrying out levels. The main documents certifying temporary disability
54. Order of delivery and the rule of registration of a leaf of disability at different types of temporary disability
55. Order of delivery and the rule of registration by the doctor of the documents certifying temporary disability in diseases/injuries
56. Order of delivery and the rule of registration of a leaf of disability on nosotrophy by the family member, on pregnancy/childbirth, on a quarantine
57. Functions of the attending physician when conducting examination of temporary disability
58. Medical commission, structure, main functions
59. Permanent disability. Basic concepts. Criteria and reasons of disability
60. Medico-social Commission of Experts (MSCE). Types, structure, tasks. An order of the direction of citizens on MSE
61. Disability reasons. Groups of disability, criteria of their definition, re-examination terms. Types of rehabilitation of disabled people
62. Concept about a healthy lifestyle. Risk factors, definition, classification. A role of the doctor in forming of a healthy lifestyle of the population
63. Hygienic training and education of the population. Principles, means and methods of hygienic education of the population. Service of forming of a healthy lifestyle. Medical activity of the population
64. Prevention as one of the priority directions of public health care. Tasks, levels, types of prevention. Development of the preventive direction in modern reforms of health care
65. Definition of the concept "Quality of Life". Concept of a research of quality of life. The main directions of a research of quality of life in medicine

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66. Management in health care. Features of management of the medical organization in modern conditions
67. Planning in health care, the principles and methods of planning. Types of plans, plan indicators. Information necessary for scheduling of the medical organization
68. Financial security in the field of health protection in the Russian Federation. Sources of financial security
69. National social insurance. Bodies of social insurance, types of social protection of the population
70. Health insurance in the Russian Federation. Short history, development stages. Legislative bases of health insurance in modern Russia
71. Financing of a health care system in the conditions of health insurance. Role Federal and territorial funds of compulsory health insurance
72. Organization of compulsory health insurance: subjects and participants, their rights and duty, interaction
73. Programs of the state guarantees of rendering to citizens of the Russian Federation of free medical care. Basic and territorial programs.
74. The rights and duties of the insured persons when receiving medical care according to the program of compulsory health insurance
75. State, private, municipal health care systems
76. Organization of medical care for the population. Types, conditions and forms of delivery of health care. Nomenclature of the medical organizations
77. The Primary Health Care (PHC) – the first stage of continuous process of public health care. Prospects of development and improvement of PHC
78. City polyclinic, structure, functions. A role of the priority national Health project in development of primary health care
79. Local principle of polyclinic service, its value, implementation. Functions of district doctors and nurses. Delivery of health care by the principle "the family doctor" and the general practitioner
80. Department of prevention of city polyclinic, structure, functions. A role of modern reforms of health care in improvement of scheduled maintenance of polyclinic
81. The organization of reception of the population in polyclinic. Registry, structure, functions, documentation, features of work in modern conditions
82. Dispensary method in work of polyclinics, the main objectives, a technique, the contingents. A role of the district doctor and doctors of various specialties in the organization of dispensary observation
83. Routine inspections, their types. A role of routine inspections in early detection of diseases among the population
84. Key performance indicators of polyclinic. Technique of calculation and analysis
85. Organization of the stationary help to the population. Types of hospitals. Modern directions of reforming of the stationary help
86. Hospital, organizational structure, functions, order of receipt and extract of patients. Development of the stationary help in modern health care
87. Reception of a hospital, structure and functions. Documentation, order of receipt and extract of patients. Prevention of an intrahospital infection
88. Main departments of a hospital, function and organization of work of doctors of a hospital, activity indicators, assessment of overall performance
89. Joint municipal hospital, its tasks, organizational structure, activity indicators
90. Registration and reporting documentation of hospitals. Indicators of use of bed fund and quality of the stationary help
91. System of health protection of mother and child, purpose, tasks, development stages,

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- basic elements. Modern reforms of health care and their role in health protection of the woman
92. Organization of medical care for children. Basic principles. The nomenclature of the medical organizations which are carrying out protection of motherhood and the childhood
  93. Organization of the out-patient and polyclinic help to children. Children's city polyclinic. Its tasks, features of structure of children's polyclinic.
  94. Forming of pediatric sites. Functions of local pediatricians and organization of their work
  95. Clinic for women, structure, tasks, features of the organization of work, activity indicators, ensuring continuity with institutions of protection of motherhood and the childhood
  96. Forming of obstetric and gynecologic sites, functions of local obstetricians-gynecologists. A dispensary method in work of clinics for women
  97. Ensuring continuity in activity of clinic for women, a hospital of maternity hospital and children's polyclinic. Birth certificate
  98. Maternity hospital, features of its structure, organization of reception of pregnant women and gynecologic patients, prevention of intrahospital infections
  99. Analysis of activity of clinic for women, maternity hospital. Key indicators.
  100. Emergency medical service: definition, stages. Continuity in work with the medical organizations. Features of the organization of emergency medical service in modern health care
  101. Sanatorium help, its role in the system of treatment-and-prophylactic and rehabilitation actions. An order of the direction of patients on sanatorium treatment
  102. Organization of medical care for workers of the industrial enterprises. Medical and sanitary part, its tasks, structure, functions
  103. Features of the organization of medical care of country people, principles, types of institutions. Prospects of development of medical care for country people
  104. Rural medical site, its structure and functions. Medical and obstetrical center
  105. Central District Hospital (CDH): its tasks, structure. Interdistrict specialized departments. A role of central district hospital in the organization of specialized medical care for country people
  106. Regional hospital, structure, tasks, role in ensuring medical care for country people
  107. Provision of medicines of the population receiving medical care in out-patient and polyclinic conditions and hospitals. Features in modern conditions.
  108. Sanitary and epidemiologic service of the population. Center of hygiene and epidemiology, structure, tasks. Types of sanitary and epidemiological surveillance
  109. Training of medical personnel. System of training of doctors. Forms of primary specialization and postdegree skills development. Main directions of improvement of preparation and retraining of doctors
  110. World Health Organization (WHO), its structure, main activities. Value of WHO in the solution of various issues of the international cooperation
  111. Main directions of the international cooperation in public health and health care. Health care systems (private, insurance, state)
  112. Scientific organization of labor in health care. Main directions of improvement.
  113. Quality of medical care. Definition. Basic concepts. Indicators of quality of work of the out-patient and polyclinic and stationary medical organizations
  114. The organization of quality control in the field of health protection. Evidential medicine in development of the quality standards of medical care
  115. Health care economy: definition, Main directions (profitability, efficiency),

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indicators

116. Types of efficiency of health care (medical, social, economic), their indicators. Evaluation criteria
117. Forming of the market relations in health care. Features of medical goods and market of medical services
118. Cost of medical care. Principles of pricing. Types of the prices of medical services
119. Paid medical care in a health care system, the principles of the organization, a rendering order. Payment of medical services
120. Marketing in health care. Basic concepts. Stages of drawing up and carrying out market researches

## 9.2 The list of questions to offset

1. Public health and health care as scientific discipline and subject of teaching. A discipline role in practical activities of the doctor, bodies and healthcare institutions. Main methods of a research of discipline.
2. Historical stages of development of social hygiene and organization of health care (public medicine) Founders of domestic social hygiene and organization of health care, their contribution to development of discipline (N.A. Semashko, Z.P. Solovyov, G.N. Kaminsky, G.A. Batkis, A.D. Serenko, etc.)
3. Public health, definition, levels. Criteria of public health. The factors affecting public health.
4. Indicators of public health, methods of their study, assessment and analysis, trends
5. Health care as system of actions for preservation, strengthening and recovery of population health. The basic principles of domestic health care at stages of its development.
6. Social and economic models of health care in various countries (private, insurance, state), the main characteristics and problems. Types of property in health care of the Russian Federation (state, municipal, private).
7. Basic principles of protection of public health of the Russian Federation. Main priorities of state policy on public health care. Essence of reforms of health care of the Russian Federation at the present stage. Informatization in a health care system
8. The international cooperation in health care. World Health Organization (WHO), its structure, main activities. Participation of public organizations in public health care.
9. Definition of the concept "Quality of Life". Concept of a research of quality of life. The main directions of a research of quality of life in medicine
10. Legal bases of protection of public health in the Russian Federation (The constitution of the Russian Federation, Federal Law 323 "About bases of protection of public health in the Russian Federation", Federal Law 326 "About compulsory health insurance in the Russian Federation", etc.)
11. The rights and duties of citizens in the field of health protection. The rights of separate groups of the population in the field of health protection. The rights and the patient's duties when receiving medical care.
12. Right for implementation of medical and pharmaceutical activity. Rights and duties of health workers.
13. Theoretical fundamentals of medical ethics and medical ethics. Bioethics. Deontological traditions of domestic health care.
14. Features of medical ethics and medical ethics in surgery, obstetrics and gynecology, pediatrics. Order of use of new methods of prevention, diagnostics and treatment, carrying out biomedical researches

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15. Responsibility of medical personnel for infliction of harm to health of citizens. Legal and moral aspects of medical secrecy.
16. The system of training of medical personnel in the Russian Federation. Forms of primary specialization and postdegree skills development. Main directions of improvement of preparation and retraining of doctors.
17. National social insurance. Bodies of social insurance, structure and functions. Social protection, concept, types of social protection (grants, pensions, services, privileges, etc.).
18. Health insurance as a type of social insurance to the Russian Federation, definition, the purposes. The history of formation of health insurance in the Russian Federation
19. Legal framework of health insurance. Types and principles of health insurance. Voluntary health insurance.
20. The organization of compulsory health insurance in the Russian Federation: subjects and participants, their rights and duty, interaction. The rights and duties of the insured persons when receiving medical care according to the program of compulsory health insurance
21. Programs of the state guarantees of rendering to citizens of the Russian Federation of free medical care. Basic and territorial programs.
22. Quality of medical care. Definition. Basic concepts. Standards and orders of delivery of health care. Evidential medicine in development of the quality standards of medical care.
23. Organization of control of volumes, terms, quality and conditions of providing medical care. Modern methods of assessment of quality and efficiency of medical care.
24. Methods of calculation and the analysis of indicators of quality of medical care in the out-patient and polyclinic medical organizations and hospitals. Models of quality management of medical care. Modern problems of quality of medical care.
25. Medical statistics. Definitions and main sections. Value of a statistical method when studying public health and the organization of medical care.
26. Statistical set. Types of statistical sets (general and selective). Sampling unit. Definition, properties, registration signs. Classification of registration signs.
27. Organization (stages) of a statistical research. Contents of the plan and program of a statistical research. Maintenance of the stage "Processing of the Obtained Data". Types of statistical tables, technique of their construction.
28. Concept about absolute and relative values. Types of relative sizes. A calculation procedure, practical application in health care.
29. The graphic representation in statistics, types of graphics, their use for the analysis of the phenomena. Indicators of a dynamic row, their calculation and practical application
30. Average size. Definition. Types of average sizes. Method of calculation of average sizes and criteria of a variety of a variational series. Practical application of average sizes in medical practice and health care.
31. Variational series, types of variational series. Value of a mean square deviation and coefficient of variation for assessment of variability of the studied sign and typicality of average size.
32. Definition of the concept "reliability of results of a research". Key indicators. Parametrical and nonparametric methods of assessment of reliability of results of a research, condition of their use.
33. Method of standardization of indicators. Essence of a method, practical application. Stages of calculation and a technique of the analysis of the standardized indicators.
34. Concept about functional and correlation dependence. Characteristic of correlation coefficient, its assessment.
35. Definition of medical demography, main sections. Demographic indicators. Main problems. Use of demographic indicators in health care
36. Population statics: the major indicators, value in practice of health care. Postareny

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population as current demographic trend. Medico-social value of this problem.

37. Population censuses as a source of information on a population statics, carrying out technique, value for health care. Results of the last census in the Russian Federation.
38. Population shift: external and internal, the factors defining it, top trends. Influence of migration on health of the population.
39. Birth rate. Study technique. General and special indicators, calculation procedure, analysis and assessment. The factors determining birth rate levels. Trends, features and dynamics of birth rate in the Russian Federation. A role of the health worker in registration of the birth
40. Population mortality. Study methods. General and special indicators, calculation procedure, analysis and assessment. Structure of causes of death in the Russian Federation. The factors determining levels and causes of death. A role of the health worker in registration of death.
41. Infantile mortality, study technique, indicators, levels, structure of the reasons. The factors determining levels of infantile mortality, a trend
42. Perinatal mortality, study technique, structure and reasons, trends. Ways of decrease in perinatal mortality
43. Vital rates, their levels and dynamics to the Russian Federation, factors influencing the natural movement. Natural increase of the population, factors on it influencing. Main patterns and trends worldwide. Demographic forecasts. A role of the health worker in registration of the birth and death.
44. The current state and top trends of demographic processes in the Russian Federation and the Ulyanovsk region for the last decade. The factors defining features and dynamics of modern demographic processes. Population policy, concept, main directions
45. Definition of a concept of incidence. Information sources. Types of incidence. Incidence as main quality criterion and efficiency of medical care. Methods of studying incidence.
46. The registration and reporting documentation used for collecting and the analysis of information on incidence. Incidence indicators, calculation procedure and assessment. Incidence assessment from a position of evidential medicine.
47. Comparative characteristic of methods of studying population morbidity. The international statistical classification of diseases, the problems connected with health, the principles and features of its construction.
48. The current state, trends and features of population morbidity in the Russian Federation and the Ulyanovsk region, the factors defining them. Level, structure, dynamics of indicators of incidence. Definition and main criteria of the medico-social importance of a problem.
49. Physical development as one of criteria for evaluation of the state of health of the population. Key indicators of physical development. The factors affecting dynamics of physical development
50. Infectious diseases, tuberculosis, HIV infection as medico-social problem. Risk factors. Strategy of prevention.
51. Blood circulatory system diseases as a medico-social problem in Russia and abroad. Risk factors. Strategy of prevention.
52. Malignant new growths as a medico-social problem in Russia and abroad. Risk factors. Strategy of prevention.
53. Traumatism as medico-social problem. Types of traumatism, their prevalence. Prevention of traumatism.
54. Alcoholism, drug addiction, toxicomania, tobacco smoking as medico-social problem. Age and sex features, medical and social consequences.
55. Definition of a concept of disability. Disability as one of criteria of health of the

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population. Information sources, indicators, technique of their calculation and assessment. The current state and trends of disability of the population, factors it defining.

56. Rehabilitation of disabled people. Types of rehabilitation.

57. Lifestyle: definition. Medico-social aspects of lifestyle of the population. A concept about risk factors, classification of risk factors. Assessment of risk factors from positions of evidential medicine. Influence of lifestyle on health of various groups of the population .

58. Healthy Lifestyle (HL): definition, mechanisms of its forming. A role of the doctor in forming of a healthy lifestyle of the population. A concept medical activity .

59. Hygienic training and education of the population, purpose, principles, methods, forms and means. Service of forming of a healthy lifestyle .

60. Prevention as one of the priority directions of public health care. Purpose of prevention, its task, levels (state, collective, family, individual). Types of prevention. The preventive direction in modern reforms of health care.

## 10. INDEPENDENT WORK OF STUDENTS

### Internal form of education

№	Name of sections and subjects	Types of independent work (study of a training material, solution of tasks, paper, report, examination, preparation for passing a test, examination, etc.)	Volume in hours	Control form (verification of the solution of tasks, paper, passing a test, examination, etc.)
<b>Section 1. Theoretical bases of discipline "Public health and health care"</b>				
1.	Subject: Theoretical bases of discipline "Public health and health care". Basic concepts and criteria of public health	Study of a training material, preparation for passing a test, examination	3	Testing, offset, examination
2.	Subject: Health care systems in various countries. Policy in the field of health protection .	Study of a training material, preparation for passing a test, examination	3	Testing, offset, examination
3.	Subject: Legal bases of health protection	Study of a training material, solution of a task, preparation for passing a test, examination	3	Testing, verification of the solution of a task, offset, examination
4.	Subject: Social and health insurance. Quality of medical care. Modern problems of quality of medical care	Study of a training material, solution of a task, preparation for passing a test, examination	3	Testing, verification of the solution of a task, offset, examination
<b>Section 2. Public health</b>				

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5.	Subject: Bases of medical statistics. Relative and average sizes. Characteristic of a variety of sign.	Study of a training material, solution of a task, preparation for passing a test, examination	4	Testing, verification of the solution of a task, offset, examination
6.	Subject: Assessment of reliability of results of a research. Standardization method. Correlation analysis.	Study of a training material, solution of a task, preparation for passing a test, examination	3	Testing, verification of the solution of a task, offset, examination
7.	Medico-social aspects of demography	Study of a training material, solution of a task, preparation for passing a test, examination	4	Testing, verification of the solution of a task, offset, examination
8.	Population morbidity: state and top trends	Study of a training material, solution of a task, preparation for passing a test, examination	4	Testing, verification of the solution of a task, offset, examination
9.	Subject: Medico-social importance of the major diseases. Current state and trends of disability	Study of a training material, solution of a task, preparation for passing a test, examination	4	Testing, verification of the solution of a task, offset, examination
10	Subject: Health of the population of the Ulyanovsk region. Medico-social aspects of lifestyle of the population.	Study of a training material, preparation for passing a test, examination	4	Testing, offset, examination
11	Subject: Health the Hygienic education and training of the population preserving technologies	Study of a training material, solution of a task, preparation for passing a test, examination	4	Testing, verification of the solution of a task, offset, examination
<b>Section 3. Organization of public health care</b>				
12	Subject: Organization of primary health care. Organization of emergency medical service	Study of a training material, solution of a task, preparation for passing an examination	3	Testing, offset, examination
13	Subject: Organization of the stationary help to the population	Study of a training material, solution of a task, preparation for passing an examination	2	Testing, verification of the solution of a task, examination
14	Subject: System of health protection of mother and child. Organization of	Study of a training material, solution of a task, preparation for passing an examination	3	Testing, verification of the solution of a



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	medical care for children			task, examination
15	Organization of the obstetric and gynecologic help	Study of a training material, solution of a task, preparation for passing an examination	2	Testing, verification of the solution of a task, examination
16	Subject: Organization of medical care for country people, worker of the industrial enterprises. Organization of the sanatorium help	Study of a training material, preparation for passing an examination	3	Testing, examination
17	Medical examination. Examination of temporary disability. Medico-social examination	Study of a training material, solution of a task, preparation for passing an examination	2	Testing, verification of the solution of a task, examination
18	Subject: Bases of the economy, managements, planning and financing of health care	Study of a training material, solution of a task, preparation for passing an examination	4	Testing, verification of the solution of a task, examination

## 11. EDUCATIONAL-METHODICAL AND INFORMATION SUPPORT OF DISCIPLINE

### Main:

1 The manual on subject «Public health and health protection» for English-speaking students. Part I. «Public health» = Учебное пособие по дисциплине «Общественное здоровье и здравоохранение» для англоязычных студентов. Часть I. «Общественное здоровье» / А. Г. Сердюков, Ж. Б. Набережная, И. Б. Набережная, А. С. Нимгирова. - Астрахань : Астраханский ГМУ, 2019. - 185 с. - ISBN 9785442404371. - Текст : электронный // ЭБС "Букап" : [сайт]. - URL : <https://www.books-up.ru/ru/book/the-manual-on-subject-public-health-and-health-protection-for-english-speaking-students-part-i-public-health-10853384/>

2. Общественное здоровье и здравоохранение: опорные точки познания = Public health: main ways of cognition: учеб. пособие / В. И. Горбунов, Г. В. Возженникова, И. Н. Исаева, М. В. Горбунов; УлГУ, ИМЭиФК. - Ульяновск : УлГУ, 2017. - Текст парал. рус., англ.; Загл. с экрана. - Электрон. текстовые дан. (1 файл : 1,00 МБ). - Текст : электронный. <http://lib.ulsu.ru/MegaPro/Download/MObject/928>

### Additional:

1. Глушанко В. С. Public Health and Health Service = Общественное здоровье и здравоохранение / В. С. Глушанко, Е. В. Михневич, Л. И. Орехова. - Витебск : ВГМУ, 2020. - 188 с. - ISBN 9789854669793. - Текст : электронный // ЭБС "Букап" : [сайт]. - URL : <https://www.books-up.ru/ru/book/public-health-and-health-service-12146171/>

2. Сурмач М. Ю. Public Health and Health Services = Общественное здоровье и здравоохранение : руководство к практическим занятиям и тестовому контролю для студентов факультета иностранных учащихся с английским языком обучения : Guide to practical classes and test control for Medical Faculty for International Students (in English) / М.

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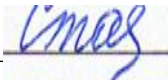
Ю. Сурмач. - Гродно : ГрГМУ, 2017. - 308 с. - ISBN 9789855589045. - Текст : электронный // ЭБС "Букап" : [сайт]. - URL : <https://www.books-up.ru/ru/book/public-health-and-health-services-12143523/>

3.The training practical manual on subject «Public health and health protection» for English-speaking students. Part I. «Public health» = Учебно-практическое пособие по дисциплине «Общественное здоровье и здравоохранение» для англоязычных студентов. Часть I.«Общественное здоровье» / А. Г. Сердюков, Ж. Б. Набережная, И. Б. Набережная, А. С. Нимгирова. - Астрахань : Астраханский ГМУ, 2019. - 140 с. - ISBN 9785442405040. - Текст : электронный // ЭБС "Букап" : [сайт]. - URL : <https://www.books-up.ru/ru/book/the-training-practical-manual-on-subject-public-health-and-health-protection-for-english-speaking-students-part-i-public-health-10853594/>

**Educational- methodical:**

1. Gorbunov V. I. Methodical instructions for independent work of students on discipline «Public health and health care» for specialty 31.05.01 «General medicine» / V. I. Gorbunov, G. V. Vozzhennikova, I. N. Isaeva. - Ulyanovsk : UISU, 2022. - На англ. яз.; Неопубликованный ресурс. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11504> . - Режим доступа: ЭБС УлГУ. - Текст : электронный.

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**c) Professional databases, directory systems**

**1. Электронно-библиотечные системы:**

1.1. Цифровой образовательный ресурс IPRsmart : электронно-библиотечная система : сайт / ООО Компания «Ай Пи Ар Медиа». - Саратов, [2024]. – URL: <http://www.iprbookshop.ru>. – Режим доступа: для зарегистрир. пользователей. - Текст : электронный.

1.2. Образовательная платформа ЮРАЙТ : образовательный ресурс, электронная библиотека : сайт / ООО Электронное издательство «ЮРАЙТ». – Москва, [2024]. - URL: <https://urait.ru> . – Режим доступа: для зарегистрир. пользователей. - Текст : электронный.

1.3. База данных «Электронная библиотека технического ВУЗа (ЭБС «Консультант студента») : электронно-библиотечная система : сайт / ООО «Политехресурс». – Москва, [2024]. – URL: <https://www.studentlibrary.ru/cgi-bin/mb4x>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.4. Консультант врача. Электронная медицинская библиотека : база данных : сайт / ООО «Высшая школа организации и управления здравоохранением-Комплексный медицинский консалтинг». – Москва, [2024]. – URL: <https://www.rosmedlib.ru>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.5. Большая медицинская библиотека : электронно-библиотечная система : сайт / ООО «Букап». – Томск, [2024]. – URL: <https://www.books-up.ru/ru/library/> . – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.6. ЭБС Лань : электронно-библиотечная система : сайт / ООО ЭБС «Лань». – Санкт-Петербург, [2024]. – URL: <https://e.lanbook.com>. – Режим доступа: для зарегистрир.

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пользователей. – Текст : электронный.

1.7. ЭБС Znanium.com : электронно-библиотечная система : сайт / ООО «Знаниум». - Москва, [2024]. - URL: <http://znanium.com> . – Режим доступа : для зарегистрир. пользователей. - Текст : электронный.

2. **КонсультантПлюс** [Электронный ресурс]: справочная правовая система. / ООО «Консультант Плюс» - Электрон. дан. - Москва : КонсультантПлюс, [2024].

3. **eLIBRARY.RU**: научная электронная библиотека : сайт / ООО «Научная Электронная Библиотека». – Москва, [2024]. – URL: <http://elibrary.ru>. – Режим доступа : для авториз. пользователей. – Текст : электронный

4. **Федеральная государственная информационная система «Национальная электронная библиотека»** : электронная библиотека : сайт / ФГБУ РГБ. – Москва, [2024]. – URL: <https://нэб.рф>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

5. **Российское образование** : федеральный портал / учредитель ФГАУ «ФИЦТО». – URL: <http://www.edu.ru>. – Текст : электронный.

6. **Электронная библиотечная система УлГУ** : модуль «Электронная библиотека» АБИС Мега-ПРО / ООО «Дата Экспресс». – URL: <http://lib.ulsu.ru/MegaPro/Web>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

Инженер ведущий



Щуренко Ю.В.

2024

## 12. MATERIAL SUPPORT OF DISCIPLINE

Audiences for carrying out a practical training (structural unit GP State Healthcare Institution No. 1 of S.M. Kirov, ул. Энгельса 27, ауд.1, 2, 3) for carrying out the current control and intermediate certification are completed with specialized furniture, an educational board and also there is a set of the multimedia equipment, a multimedia projector, the screen, acoustic columns.

Audiences for holding lectures are completed with specialized furniture, an educational board and also are available the multimedia equipment for work with large audience (body 4, Sviyaga River Emb., 106, the assembly hall).

Audiences for independent work (корпус 4, Наб.р.Свияга, 106, актовЫЙ зал, library) are completed with special furniture, there are conditions for access to Internet network.

## 13. SPECIAL CONDITIONS FOR STUDENTS WITH LIMITED OPPORTUNITIES OF HEALTH

In case of need, studying from among persons with limited opportunities of health (according to the statement of the student) some of the following options of perception of information taking into account their specific psychophysical features can be offered:

– for persons with disorders of vision: in printed form the increased font; in electronic form; in the form of the audiofile (transfer of training materials to an audioformat); in printed form be always on the lips Braille; individual consultations with attraction of a tiflosurdoperevodchik; individual tasks and consultations.

– for persons with a hearing disorder: in printed form; in electronic form; videos with subtitles; individual consultations with involvement of the signer; individual tasks and consultations.

– for persons with musculoskeletal disorders: in printed form; in electronic form; in the

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F-worker program of discipline		

form of the audiofile; individual tasks and consultations.

In case of need uses in educational process of partially/exclusively remote educational technologies, the organization of work of teaching staff with the studying of disabled people is provided in the electronic information and education environment taking into account their specific psychophysical features.

**Developers**

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The position of the worker

Full name

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The position of the worker

Full name

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The position of the worker

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