
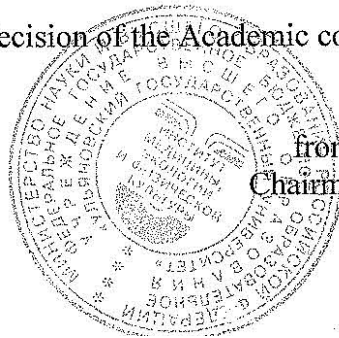


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F-Educational plan of the discipline		

**APPROVED**  
decision of the Academic council of institute of medicine, ecology  
and physical education UISU



from "22" June 2020, protocol No. 10/220

Chairman  (V.I. Midlenko)

"22" 06 2020

### EDUCATIONAL PLAN

Subject:	<b>Public health and health care.</b>
Faculty	Medical
Department	Public health and health care
Course	III

Speciality 31.05.01. «General medicine»

*(code of the speciality, full name)*

Form of education- full-time education

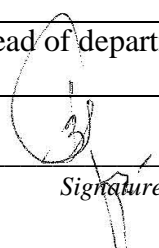
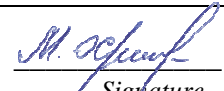
Date of introducing in the instruction process at USU: « 01 » of September 20 20.


The program was updated at the meeting of the department: №1 of 29.08 2022.

The program was updated at the meeting of the department: №\_\_ of \_\_ 20\_\_.

Information about the authors:

Initials	Abbreviation of the department	Degree, scientific rank
V.I. Gorbunov.	PHHC	Department chair, MD, professor
G.V. Vozzhennikova.	PHHC	Associate professor, PhDs in Medicine.
I.N. Isaeva.	PHHC	Associate professor, PhDs in Medicine.

Agreed	Agreed
Head of department, developing discipline	Head of the graduating Department
 / V.I. Gorbunov. / <i>Signature</i> <i>Full name</i> <u>"22" 06 2020</u>	 / Vize-Khripunova M. A. <i>Signature</i> <i>Full name</i> <u>"22" 06 2020</u>

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### 1. PURPOSES AND PROBLEMS OF DEVELOPMENT OF DISCIPLINE "PUBLIC HEALTH AND HEALTH CARE":

**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 and financing of health care

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

In compliance with the Curriculum the discipline "Public health and health care" belongs to a basic unit of disciplines of specialty 31.05.01 "General medicine" of the higher medical education and is 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: "Medical rehabilitation".

Studying discipline "Public health and health care" allows students to gain necessary knowledge, skills at development of the subsequent disciplines: "Modern medical information systems", "Hygiene", "Preparation for clinical practice", "Marketing in health care", "Forensic medicine", "Organization of provision of medicines of the population", "Practice on obtaining professional abilities and experience of professional activity (medical assistant of out-patient and polyclinic establishment)", "Polyclinic therapy", "Epidemiology", "Modern aspects of oncology", "Quality management of medical care", "Preparation for delivery and passing state exam".


### 3. LIST OF EXPECTED RESULTS OF INSTRUCTION ON THE SUBJECT (UNIT), CORELATED WITH PLANNED RESULTS OF COMPLETING THE PROGRAM

The study of the subject «Public health and health care» within the completion of the educational program is directed towards the formation of the following general and professional competences in students:

Competence index. Content of a competence (or a part of it)	The proposed results of the course students are:
<b>GPC-3</b> - ability to use bases of economic and legal knowledge in professional activity	to know: - theoretical bases of discipline "Public health and health care" - legal bases of health protection - health care bases of the economy  to be able to: - to apply bases of economic and legal knowledge in professional activity

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	to own to: - skills of use of economic and legal knowledge in professional activity
<b>PC-4</b> - ability and readiness for use of social and hygienic techniques of collecting and the medico-statistical analysis of information on indicators of health of the population	to know: - bases of the organization of a statistical research on studying health of the population - techniques of collecting and medico-statistical analysis of information on indicators of health of the population  to be able to: - to make the plan and the program of a statistical research on studying health of the population - to calculate and estimate indicators of health of the population  to own to: - techniques of carrying out statistical research on studying health of the population - calculation procedures and analysis of indicators of public health
<b>PC-7</b> - readiness for conducting examination of temporary disability, participation in conducting medico-social examination, statement of biological death of the person	to know: - bases of examination of temporary disability and medico-social examination;  to be able to: - to apply knowledge of rules and an order of issue of the documents certifying temporary disability in professional activity  to own to: - skills of filling of the documents certifying temporary disability
<b>PC-17</b> - ability to 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	to know: - state policy on public health care - bases of the organization of medical care to the population - bases of management, planning, financing of the medical organizations and their structural units  to be able to: - to apply the basic principles of the organization and

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	<p>management in the field of protection of public health, in the medical organizations and their structural units</p> <p>to own to:</p> <ul style="list-style-type: none"> <li>- calculation procedures and analysis of indicators of activity of the medical organizations</li> </ul>
<b>PC-18</b> - readiness for participation in assessment of quality of delivery of health care with use of the main medico-statistics	<p>to know:</p> <ul style="list-style-type: none"> <li>- system of ensuring quality of medical care in the Russian Federation;</li> <li>- main medico-statistics of assessment of quality of medical care;</li> </ul> <p>to be able to:</p> <ul style="list-style-type: none"> <li>- to apply medico-statistics to assessment of quality and efficiency of different types of medical care to the population</li> </ul> <p>to own to:</p> <ul style="list-style-type: none"> <li>- by methods of calculation and the analysis of indicators of quality of medical care in the out-patient and polyclinic medical organizations and hospitals</li> </ul>

#### 4. Volume of the subject

##### 4.1. Volume of the subject in credit points (total):3 credit points

##### 4.2. On types of academic workload (in hours):

Type of academic work	Number of hours (form of education )		
	Total according to the plan	Including on semester	
		5	6
Work of students with a teacher	70/70	36/36	34/34
Classes:	70/70	36/36	34/34
Lectures	35/35	18/18	17/17
practical classes and seminars	35/35	18/18	17/17
lab classes (practical lessons)	-	-	-
Self-study work	38/38	18/18	20/20
Concurrent control (number and type: a test, a colloquium, a report)	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

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Course paper	-	-	-
Types of intermediate attestation (examination, test)	offset		offset
Total number of hours on the subject	108/108	54/54	54/54

If it is necessary to use partially or exclusively remote educational technologies in the educational process, the table shows the number of hours of work of teaching staff with students for conducting classes in a remote format using e-learning.


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

Form of education internal

Name of sections and topics	Intotal	Types of studies				Form of current control
		Classroom studies		Interactive classes	Self-studywork	
		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	7	2	2	1	3	interview concerning a subject, testing
2. Health care systems in various countries. Policy in the field of health protection	7	2	2	1	3	interview concerning a subject, testing
3. Legal bases of health protection	6	2	2	1	2	interview concerning a subject, testing, the solution of a task
4. Social and health insurance. Quality of medical care. Modern problems of quality of medical care	8	4	2	1	2	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	4	-	2	1	2	interview concerning a subject, testing, the solution of a

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						task
6. Assessment of reliability of results of a research. Standardization method. Correlation analysis	4	-	2	1	2	interview concerning a subject, testing, the solution of a task
7. Medico-social aspects of demography	6	2	2	1	2	interview concerning a subject, testing, the solution of a task
8. Population morbidity: state and top trends	6	2	2	1	2	interview concerning a subject, testing, the solution of a task
9. Medico-social importance of the major diseases. Current state and trends of disability	8	4	2	1	2	interview concerning a subject, testing
10. Health of the population of the Ulyanovsk region. Medico-social aspects of lifestyle of the population	5	2	1	1	2	interview concerning a subject, testing
11. Health preserving technologies. Hygienic education and training of the population	4	-	2	1	2	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 service	7	3	2	1	2	interview concerning a subject, testing, the solution of a task
13. Organization of the stationary help to the population	6	2	2	1	2	interview concerning a subject, testing, the solution of a task
14. System of health protection of mother and child. Organization of	6	2	2	1	2	interview concerning a subject, testing, the

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medical care to children						solution of a task
15. Organization of the obstetric and gynecologic help	6	2	2	1	2	interview concerning a subject, testing, the solution of a task
16. Organization of medical care to country people, workers of the industrial enterprises. Organization of the sanatorium help	6	2	2	1	2	interview concerning a subject, testing
17. Medical examination. Examination of temporary disability. Medico-social examination	6	2	2	1	2	interview concerning a subject, testing, the solution of a task
18. Bases of the economy, managements, planning and financing of health care	6	2	2	1	2	interview concerning a subject, testing, the solution of a task
Intotal	108	35	35	18	38	

At the organization of occupations 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. Health care economy"


#### Topic 1. Theoretical bases of discipline "Public health and health care. Health care economy". Basic concepts and criteria of public health

##### Maintenance of the topic:

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

Discipline role "Public health and health care. Health care economy" 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. Health care economy". Emergence and development of social hygiene and organization of health care (public medicine). Formation and 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

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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. Health care economy". Basic concepts and criteria of public health. The factors defining public health. Indicators of public health, methods of their study, assessment and analysis, trends

## **Topic 2. Health care systems in various countries. Health care policy.**

### Maintenance of the topic:

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 in 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

## **Topic 3. Legal bases of health care**

### Maintenance of the topic:

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.

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


### Maintenance of the topic:

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.



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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

### **Topic 5. Bases of medical statistics. Relative and average values. Characteristic of a variety of sign.**

#### Maintenance of the topic:

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 in 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.

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


#### Maintenance of the topic:

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.

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

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**Maintenance of the topic:**

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.

**Topic 8. Population morbidity: state and top trends**

**Maintenance of the topic:**

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

**Topic 9. Medico-social importance of the major diseases. Current state and trends of disability**

**Maintenance of the topic:**

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 diseases, 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.

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

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**Maintenance of the topic:**

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 and 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

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

**Maintenance of the topic:**

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 in 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**

**Topic 12. Organization of primary health care. Organization of emergency medical service**

**Maintenance of the topic:**

Organization of medical care to 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 of "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 precinct indicator on reception, coverage and regularity of dispensary observation, average duration of treatment, frequency of a divergence of diagnoses polyclinic and 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 and interrelation in work of SMP institutions with various medical organizations.

**Topic 13. Organization of impatient assistanceto the population.**

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**Maintenance of the topic:**

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 in a hospital. Sanitary and disease-control measures mode of hospital. Organization of provision of medicines of inpatients.

Modern problems of reforming of impatient assistanceto 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.

**Topic 14. System of health protection of mother and child. Organization of medical care to children**

**Maintenance of the topic:**

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 impatient assistanceto 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

**Topic 15. Organization of the obstetric and gynecological care.**

**Maintenance of the topic:**

Organizational and legal aspects of rendering obstetric and gynecological care. 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 gynecological care. Perinatal centers. Women hospital (department). Analysis of activity of clinic for women and maternity hospital.

**Topic 16. Organization of medical care to country people, workers of the industrial enterprises. Organization of the sanatorium assistance.**

**Maintenance of the topic:**

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

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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 of medical care to 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 assistance 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 Rospotrebnadzor. Center of hygiene and epidemiology, structure, tasks. Types of sanitary and epidemiological surveillance

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

#### Maintenance of the topic:

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 an incapacity for work sheet 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.

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

#### Maintenance of the topic:

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

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researches.

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

## 6. TOPICS OF THE PRACTICAL TRAINING

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

#### **Topic 1: Theoretical bases of discipline "Public health and health care. Health care economy". Basic concepts and criteria of public health**

Carrying out form – practical class

##### **Questions on the topic:**

1. "Public health and health care. Health care economy" as scientific discipline and subject of teaching.
2. Discipline role "Public health and health care. Health care economy" 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. Health care economy"
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 self-study work:

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

#### **Topic 2. Health care systems in various countries. Health care policy.**


Carrying out form – practical class

##### Questions on the topic:

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 and 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 self-study work:

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

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directions of a research of quality of life in medicine

### **Topic 3: Legal bases of health care**

Carrying out form – practical class

#### Questions on the topic:

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

#### Questions for self-study work:


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.

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

Carrying out form – practical class

#### Questions on the topic:

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-

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patient and polyclinic medical organizations and hospitals.

Questions for self-study work:

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**

**Topic 5: Bases of medical statistics. Relative and average values. Characteristic of a variety of sign**

Carrying out form – practical class

Questions on the topic:

1. Medical statistics. Definitions and 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 topic for self-study work:

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


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

Questions on the topic:

Carrying out form – practical class

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.



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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 quadrate method.
11. Technique and an order of calculation of correlation coefficient on a method of rank correlation.

Questions for self-study work:

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.

**Topic 7:Medico-social aspects of demography**


Carrying out form – practical class

Questions on the topic:

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 mortality. 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 self-study work:

1. Aging 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

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decade.

4. Population policy, a concept, the main directions in various countries.

### **Topic 8 Population morbidity: state and top trends**

Carrying out form – practical class

#### Questions on the topic:

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.
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 self-study work:


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

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

Carrying out form – practical class

#### Questions on the topic:

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 growthsas 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

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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 self-study work:

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

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

Carrying out form – practical class

Questions on the topic:

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 and 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.
8. Concept about medical activity.

Questions for self-study work:

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

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

Carrying out form – practical class

Questions on the topic:

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 self-study work:

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


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

#### **Topic 12 Organization of Medical Care to the population. Primary health care**

Carrying out form – practical class

Questions on the topic:

1. Organization of medical care to the population. Types, conditions, forms of delivery of health care.

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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 of "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.

Questions for self-study work:


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

**Topic 13 Organization of impatient assistance to the Population**

Carrying out form – practical class

Questions on the topic:

1. Organization of impatient assistance 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 impatient assistance to the population. Hospital-replacing technologies.
11. Medical and social efficiency of day hospitals.

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## 12. Joint municipal hospital, its tasks, organizational structure, activity indicators

### Questions for self-study work:

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.

## **Topic 14 System of Health Protection of Mother and Child. Organization of medical care to children**

Carrying out form – practical class

### Questions on the topic:

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 impatient assistance 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.

### Questions for self-study work:


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

## **Topic 15 Organization of the Obstetric and gynecological care**

Carrying out form – practical class

### Questions on the topic:

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

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## 12. Analysis of activity of maternity hospital

### Questions for self-study work:

1. Organizational and legal aspects of rendering obstetric and gynecological care.
2. Specialized obstetric and gynecological care. Perinatal centers.

## **Topic 16 Organization of Medical Care to country people, workers of the industrial enterprises. Organization of the sanatorium assistance**

Carrying out form – practical class

### Questions on the topic:

1. Features of medical care to country people. Staging of the organization of medical care to 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 to country people.
4. Regional hospital. Tasks, organizational structure and functions. A role in ensuring highly skilled medical care to country people.
5. Main directions of improvement of medical care to 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 assistance 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.

### Questions for self-study work:


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

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

Carrying out form – practical class

### Questions on the topic:

1. Examination of temporary disability: definition, carrying out levels.
2. The main documents certifying temporary disability.
3. Rules of registration of an incapacity for work sheet.
4. Procedure for issuing a disability certificate for illness and injuries.
5. Procedure for issuing a disability certificate for a sick family member.
6. Procedure for issuing a disability certificate on pregnancy and childbirth.
7. Procedure for issuing a disability certificate 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

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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 Medical and social expertise.
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 self-study work:

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

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

Carrying out form – practical class

Questions on the topic:

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 and 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

Questions for self-study work:


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 CLASSES**

This type of work is not provided unitary enterprise

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

This type of work is not provided unitary enterprise

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## 9. LIST OF QUESTIONS TO OFFSET, EXAMINATION


### 9.1 The list of questions to examination

This type of control is not provided unitary enterprise


### 9.2 The list of questions to offset

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. Basic principles of protection of public health in the Russian Federation. Legislative bases.
6. 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 general and selective sets
12. Stages of a statistical research, their contents
13. Types of statistical tables, technique of their construction
14. Relative sizes, types, a calculation procedure, practical application in health care
15. Graphic representation in statistics, types of graphics, their use for the analysis of the 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




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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
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 growthsas medico-social problem. Risk factors. Prevention
48. Traumatism as medico-social problem. Types of traumatism, their prevalence. Prevention of traumatism

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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. An order of delivery and the rule of registration by the doctor of the documents certifying temporary disability in diseases and injuries
56. Order of delivery and the rule of registration of a leaf of disability on nosotrophy by the family member, on pregnancy and 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
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.

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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 to 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 of "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. 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, basic elements. Modern reforms of health care and their role in health protection of the woman
92. Organization of medical care to 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


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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 by the worker 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 to 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 to country people
106. Regional hospital, structure, tasks, a role in ensuring medical care to 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. 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), 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


## 10. SELF-STUDY WORK OF STUDENTS

### Internal form of education

№	Name of the section subject	Types ofSSW	Total number of hours	Current control
<b>Section 1. Theoretical bases of discipline "Public health and health care"</b>				
1.	Topic:Theoretical bases of	Study of a training material,	3	Testing,

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	discipline "Public health and health care". Basic concepts and criteria of public health	preparation for passing a test		offset
2.	Health care systems in various countries. Policy in the field of health protection.	Study of a training material, preparation for passing a test	3	Testing, offset
3.	Topic: Legal bases of health protection	Study of a training material, solution of a task, preparation for passing a test	2	Testing, verification of the solution of a task, offset
4.	Topic: 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	2	Testing, verification of the solution of a task, offset
<b>Section 2. Publichealth</b>				
5.	Topic: 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	2	Testing, verification of the solution of a task, offset
6.	Topic: 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	2	Testing, verification of the solution of a task, offset
7.	Medico-social aspects of demography	Study of a training material, solution of a task, preparation for passing a test	2	Testing, verification of the solution of a task, offset
8.	Population morbidity: state and top trends	Study of a training material, solution of a task, preparation for passing a test	2	Testing, verification of the solution of a task, offset
9.	Topic: 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	2	Testing, verification of the solution of a task, offset
10	Topic: Health of the population of the	Study of a training material, preparation for passing a test	2	Testing, offset


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	Ulyanovsk region. Medico-social aspects of lifestyle of the population.			
11	Topic: 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	2	Offset
<b>Section 3. Organization of public health care</b>				
12	Topic: Organization of primary health care. Organization of emergency medical service	Study of a training material, solution of a task, preparation for passing a test	2	Testing, verification of the solution of a task, offset
13	Topic: Organization of the stationary help to the population	Study of a training material, solution of a task, preparation for passing a test	2	Testing, verification of the solution of a task, offset
14	Topic: System of health protection of mother and child. Organization of medical care to children	Study of a training material, solution of a task, preparation for passing a test	2	Testing, verification of the solution of a task, offset
15	Organization of the obstetric and gynecologic help	Study of a training material, solution of a task, preparation for passing a test	2	Testing, verification of the solution of a task, offset
16	Topic: Organization of medical care to country people, workers of the industrial enterprises. Organization of the sanatorium help	Study of a training material, preparation for passing a test	2	Testing, offset
17	Medical examination. Examination of temporary disability. Medico-social examination	Study of a training material, solution of a task, preparation for passing a test	2	Testing, verification of the solution of a task, offset
18	Topic: Bases of the economy, managements, planning and financing of health care	Study of a training material, solution of a task, preparation for passing a test	2	Testing, verification of the solution of a task, offset

## 11. EDUCATIONAL AND METHODOLOGICAL AND INFORMATION SUPPORT OF DISCIPLINE

### a) The list of the recommended literature the main

1. Mullner, Ross M Health and Medicine.; Sage Publications, inc. Series: The Sage Reference Series on Disability: Key Issues and Future Directions, Vol. 1. Thousand Oaks, Calif : SAGE Publications, Inc. 2011. eBook.

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[http://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=474468&site=ehost-live&ebv=EB&ppid=pp\\_Cover](http://search.ebscohost.com/login.aspx?direct=true&db=e600xww&AN=474468&site=ehost-live&ebv=EB&ppid=pp_Cover)

2. Medical statistics [Электронный ресурс] : электронный учебный курс / Г. В. Возженникова [и др.]. - Ульяновск : УлГУ, 2018. - 1 электрон. опт. диск (CD-ROM). - (Электронный учебный курс). - Загл. с этикетки диска; На англ. яз.; Полный текст доступен на Образовательном портале УлГУ. - Текст : электронный.  
Автор: Возженникова Г. В., Горбунов В. И., Исаева И. Н., Игнатъев Я. В.

#### additional

Reshetnikov A.V., Sociology of Medicine: textbook / A.V. Reshetnikov - M. : GEOTAR-Media, 2020. - 368 p. - 368 c. - ISBN 978-5-9704-5447-3 - Текст: электронный // ЭБС "Консультант студента": [сайт]. - URL: <https://www.studentlibrary.ru/book/ISBN9785970454473.html>  
educational and methodical

#### educational and methodical

1. 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. сэкрана. - Электрон. текстовые дан. (1 файл : 1,00 МБ). - Текст : электронный.  
<http://lib.ulsu.ru/MegaPro/Download/MObject/928>

Coordinated:

/Chief librarian of SL UISU/ Stadolnikova D.R./  
Position of the employee of scientific library Full namesignature



#### c) Professional databases, directory systems

##### 1. Electronic and library systems:

1.1. **IPRbooks** [Electronic resource]: electronic and library IPR Media system / group of companies. - Electron. given. - Saratov, [2019]. - Access mode: <http://www.iprbookshop.ru>.

1.2. **YuRAYT** [Electronic resource]: electronic and library YuRAYT E-publishing house system / Ltd company. - Electron. given. - Moscow, [2019]. - Access mode: <https://www.biblio-online.ru>.

1.3. **Student's consultant** [Electronic resource]: electronic and library system / Ltd company Politekhresurs. - Electron. given. - Moscow, [2019]. - Access mode: <http://www.studentlibrary.ru/pages/catalogue.html>.


1.4. **Fallow deer** [Electronic resource]: EBS electronic and library system / Ltd company Lan. - Electron. given. - St.-Petersburg, [2019]. - Access mode: <https://e.lanbook.com>.

1.5. **Znanium.com** [Electronic resource]: electronic and library Znanium system / Ltd company. - Electron. given. - Moscow, [2019]. - Access mode: <http://znanium.com>.

2. **ConsultantPlus** [Electronic resource]: help legal system. / the Consultant Plus Company - the Electron. given. - Moscow: ConsultantPlus, [2019].

3. **Database of periodicals** [Electronic resource]: IVIS online magazines / Ltd companies. - Electron. given. - Moscow, [2019]. - Access mode: <https://dlib.eastview.com/browse/udb/12>.

4. **National electronic library** [Electronic resource]: electronic library. - Electron. given. -

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Moscow, [2019]. - Access mode: <https://нэб.рф>.

5. **Electronic library of theses of RGB** [Electronic resource]: RGB electronic library / federal state budgetary Institution. - Electron. given. – Moscow, [2019]. - Access mode: <https://dvs.rsl.ru>.

6. **Federal information and education portals:**

6.1. Information system [Uniform window of access to educational resources](http://window.edu.ru). Access mode: <http://window.edu.ru>

6.2. Federal portal [Russian education](http://www.edu.ru). Access mode: <http://www.edu.ru>

7. **UIGU educational resources:**

7.1. UIGU electronic library. Access mode: <http://lib.ulsu.ru/MegaPro/Web>

7.2. UIGU educational portal. Access mode: <http://edu.ulsu.ru>

Coordinated:

*Зав. кафедрой*  
Employee's position UIIII

*Киселева СВ*  
Full name

*[Signature]*  
signature date

## 12. MATERIAL SUPPORT OF DISCIPLINE

Audiences for carrying out a practical training (structural unit ГУЗГП № 1 им. С.М. Кирова, 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 (корпус 4, Наб.р.Свяга, 106, актовЫзал).


Audiences for independent work (корпус 2, Наб.р.Свяга, 106, library) are completed with special furniture, there are conditions for access to Internet network.

## 13. SPECIAL CONDITIONS FOR STUDENTS WITH DISABILITIES

Training students with disabilities is carried out taking into account the peculiarities of psychophysical development, individual capabilities and health of such students. Education of students with disabilities can be organized in conjunction with other students, and separately. If necessary, students from among persons with disabilities (at the request of the student) may be offered one of the following options for the perception of information, taking into account their individual psychophysical characteristics:

- for persons with visual impairment: in printed form in large print; in the form of an electronic document; in the form of an audio file (translation of educational materials into audio format); in printed form in Braille; individual consultations with the involvement of a special translator; individual tasks and consultations.
- for persons with hearing impairment: in printed form; in the form of an electronic document; video materials with subtitles; individual consultations with the assistance of a sign language interpreter; individual tasks and consultations.





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- for persons with musculoskeletal disorders: in printed form; in the form of an electronic document; in the form of an audio file; individual tasks and consultations."

**Developers**


Department chair, MD, professor / V.I.Gorbunov / \_\_\_\_\_  
 The position of the worker                                      Full name



Associate professor, PhDs in Medicine /G.V.Vozzennikova/ \_\_\_\_\_  
 The position of the worker                                      Full name


Associate professor, PhDs in Medicine /I.N.Isaeva/ \_\_\_\_\_  
 The position of the worker                                      Full name



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**LIST OF CHANGES of  
Discipline "Public health and health care"  
Speciality 31.05.01. «General medicine»**

<b>№</b>	<b>Content of the change or a link to the attached text of the</b>	<b>Full name of the head of the Department developing the discipline</b>	<b>Signature</b>	<b>Date</b>
1	Appendix 1 "Amendments to item a) The list of recommended literature item 11 "Educational, methodological and informational support of discipline / practice" with the design of a separate appendix	Gorbunov V.I.		29.08.2022
2	Appendix 1 "Amendments to item b) Professional databases of item 11 "Educational, methodological and informational support of discipline/practice" with the design of a separate appendix	Gorbunov V.I.		29.08.2022

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Application 1

## 11. EDUCATIONAL AND METHODOLOGICAL AND INFORMATION SUPPORT OF DISCIPLINE

### основная


1. Столяров Станислав Алексеевич. Менеджмент в здравоохранении : Учебник для вузов / Станислав Алексеевич ; Столяров С. А. - 2-е изд. ; испр. и доп. - Москва : Юрайт, 2022. - 764 с. - (Высшее образование). - URL: <https://urait.ru/bcode/495369>
2. Медик В.А. Общественное здоровье и здравоохранение : учебник / В. А. Медик ; Медик В.А. - Москва : ГЭОТАР-Медиа, 2022. - 672 с. - URL: <https://www.studentlibrary.ru/book/ISBN9785970470282.html>.
3. Колосницына, М. Г. Экономика здравоохранения / под ред. М. Г. Колосницыной, И. М. Шеймана, С. В. Шишкина - Москва : ГЭОТАР-Медиа, 2018. - 464 с. - ISBN 978-5-9704-4228-9. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970442289.html>

### дополнительная

1. Белозеров Е.С. ВИЧ-инфекция: медико-социальные аспекты : монография / Белозеров Евгений Степанович, В. И. Горбунов, Н. Н. Мурыванова ; УлГУ, ВМА. - Ульяновск : УлГУ, 2014. - 258 с.
2. Исследование качества жизни в медицине [Электронный ресурс] : учеб.-метод. рекомендации / А. С. Верушкина [и др.] ; УлГУ, ИМЭиФК, Мед. фак. им. Т. З. Биктимирова, Каф. обществ. здоровья и здравоохранения. - Электрон. текстовые дан. (1 файл : 244 Кб). - Ульяновск : УлГУ, 2016. - Режим доступа: <http://lib.ulsu.ru/MegaPro/Download/MObject/46>
3. Горбунов, В. И. Международное сотрудничество в области здравоохранения. Всемирная организация здравоохранения [Электронный ресурс] : учеб.-метод. пособие для студентов и клинических ординаторов / В. И. Горбунов, Г. В. Возженникова, Р. В. Никифоров ; УлГУ, ИМЭиФК, Мед. фак. - Электрон. текстовые дан. (1 файл : 263 Кб). - Ульяновск : УлГУ, 2016. - Режим доступа: <http://lib.ulsu.ru/MegaPro/Download/MObject/407>
4. Организационно-методические основы медико-социальной экспертизы [Электронный ресурс] : учеб.-метод. пособие / Н. Н. Соловьева [и др.] ; УлГУ, ИМЭиФК. - Электрон. текстовые дан. (1 файл : 889 Кб). - Ульяновск : УлГУ, 2018. - Режим доступа: <http://lib.ulsu.ru/MegaPro/Download/MObject/1238>
5. Современные аспекты организации лекарственного обеспечения населения Российской Федерации [Электронный ресурс]: учебно-методические рекомендации для студентов, врачей общей лечебной сети, врачей-клинических ординаторов / Н. В. Аббакумова [и др.] ; УлГУ, ИМЭиФК. - Электрон. текстовые дан. (1 файл : 901 Кб). - Ульяновск : УлГУ, 2018.- Режим доступа: <http://lib.ulsu.ru/MegaPro/Download/MObject/1193>


### учебно-методическая

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. - Наангл. яз.; Неопубликованный ресурс. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11504> . - Режим доступа: ЭБСУлГУ. - Текст

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:электронный.  
 Coordinated:

/Chief librarian of SL UISU/ Stadlnikova D.R./ *Stadlnikova D.R.* 2022  
 Position of the employee of scientific library Full namesignature

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Application 2

## В) Профессиональные базы данных, информационно-справочные системы


### 1. Электронно-библиотечные системы:

- 1.1. Цифровой образовательный ресурс IPRsmart: электронно-библиотечная система : сайт / ООО Компания «Ай Пи Ар Медиа». - Саратов, [2022]. - 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, [2022]. - URL: <https://ura.it.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, [2022]. - 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, [2022]. - URL: <https://www.rosmedlib.ru>. - Режим доступа: для зарегистрир. пользователей. - Текст : электронный.
- 1.5. Большая медицинская библиотека : электронно-библиотечная система : сайт / ООО Букап. - Томск, [2022]. - 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, [2022]. - URL: <https://e.lanbook.com>. - Режим доступа: для зарегистрир. пользователей. - Текст : электронный.
- 1.7. ЭБС Znanium.com : электронно-библиотечная система : сайт / ООО Знаниум. - Москва, [2022]. - URL: <http://znanium.com>. - Режим доступа : для зарегистрир. пользователей. - Текст : электронный.
- 1.8. Clinical Collection : научно-информационная база данных EBSCO // EBSCOhost : [портал]. - URL: <http://web.b.ebscohost.com/ehost/search/advanced?vid=1&sid=9f57a3e1-1191-414b-8763-e97828f9f7elo/o40sessionmgr102>. - Режим доступа : для авториз. пользователей. - Текст : электронный.
- 1.9. База данных «Русский как иностранный» : электронно-образовательный ресурс для иностранных студентов : сайт / ООО Компания «Ай Пи Ар Медиа». - Саратов, [2022]. — URL: <https://ros-edu.ru>. - Режим доступа: для зарегистрир. пользователей. - Текст : электронный.

2. **КонсультантПлюс** [Электронный ресурс]: справочная правовая система. /ООО «Консультант Плюс» - Электрон, дан. - Москва : КонсультантПлюс, [2022].

### 3. Базы данных периодических изданий:

- 3.1. База данных периодических изданий EastView : электронные журналы / ООО ИВИС. - Москва, [2022]. - URL: <https://dlib.eastview.com/browse/udb/12>. - Режим доступа : для авториз. пользователей. - Текст : электронный.
- 3.2. eLIBRARY.RU: научная электронная библиотека : сайт / ООО Научная Электронная Библиотека. - Москва, [2022]. - URL: <http://elibrary.ru>. - Режим доступа : для авториз. пользователей. - Текст : электронный
- 3.3. Электронная библиотека «Издательского дома «Гребенников» (Grebinnikon) : элек-

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тронная библиотека / ООО ИД Гребенников. - Москва, [2022]. - URL: <https://id2.action-media.ru/Personal/Products>. - Режим доступа : для авториз. пользователей. - Текст : электронный.

4. *Федеральная государственная информационная система «Национальная электронная библиотека»* : электронная библиотека : сайт / ФГБУ РГБ. — Москва, [2022]. — URL: <https://нэб.рф>. - Режим доступа : для пользователей научной библиотеки. - Текст : электронный.

5. *SMART Imagebase* : научно-информационная база данных EBSCO // EBSCOhost : [портал].—

URL:<https://ebSCO.smartimagebase.com/7TOKENMEBSCOla2ff8c55aa76d8229047223a7d6dc9c&custid=s6895741>. - Режим доступа : для авториз. пользователей. - Изображение : электронные.

#### **6. Федеральные информационно-образовательные порталы:**

6.1. Единое окно доступа к образовательным ресурсам : федеральный портал . - URL: <http://window.edu.ru/> . - Текст : электронный.

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

#### **7. Образовательные ресурсы УлГУ:**

7.1. 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.

Согласовано:

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