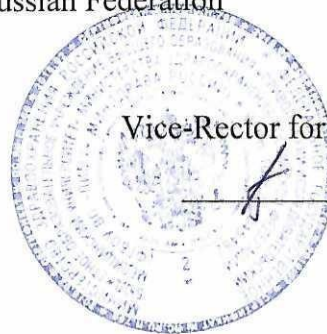


Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

WORKING PROGRAM

Name of the academic discipline: **Forensic Medicine**

Specialty **31.05.01 GENERAL MEDICINE**

(code, name)

Qualification: **GENERAL PRACTITIONER**

Department: **Clinical Forensic medicine**

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: **108 academic hours**

The working program has been developed in accordance with the Federal State Educational Standard for the specialty **31.05.01 GENERAL MEDICINE**,
(code, name)
approved by Order of the Ministry of Education and Science of the Russian Federation No. 95 dated February 09, 2016 .

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

Developers of the working program:

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Vorobyev V.G., Candidate of Medical Sciences, Associate Professor of the Department of Clinical Forensic Medicine of the Volga Research Medical University of the Ministry of Health of the Russian Federation

Reviewers:

Orlinskaya N.Yu. - MD, Professor, Head of the Department of Pathological Anatomy of the Volga Research Medical University of the Ministry of Health of Russia


V.Y. Tolstolutsky - MD, Professor of the Department of Criminalistics and Forensic Examinations, Professor of the Department of Criminal Law and Procedure of the Lobachevsky National Research Nizhny Novgorod State University;

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

Head of the Department,
academic degree, academic title  (print name)
 (signature)

01 June 2021

AGREED

Deputy Head of EMA ph.d. of biology  Lovtsova L.V.
(signature)

01 June 2021

1.1The purpose and objectives of mastering the discipline "Forensic Medicine" (hereinafter - the discipline).

The purpose of mastering the discipline: participation in the formation of the competencies of the defense industry - 3, 5, 6, 9; PC - 5, 6, 7, 20.

1.2Discipline tasks:

Know:

- a system for organizing the production of a forensic medical examination in the Russian Federation; rights, duties and responsibilities of a doctor involved in legal proceedings as a specialist or expert
- the main methods and methods used in the conduct of forensic medical examination

Be able to:

- apply the legal and medical aspects of ascertaining the death of a person;
- ascertain biological and clinical death;
- to examine the corpse at the place of its discovery;
- identify material evidence of biological origin and organize their submission for examination;
- conduct a forensic medical examination of living persons;
- interpret the results of laboratory studies of objects of forensic medical examination.

Own:

- correct maintenance of medical records;
- a description of morphological changes and damages, an approximate solution of the issue of their intravital (posthumous) formation, prescription, sequence and mechanisms of formation
- formulating a forensic medical diagnosis and drawing up conclusions (opinions) of an expert

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

2.1. The discipline "Forensic Medicine" refers to the core part of Block 1 of GEP HE (Academic discipline index).

The discipline is taught in 12 semester/6 year of study.

3. The results of mastering the discipline and indicators of the achievement of competencies:

The process of studying the discipline is aimed at the formation of the following general professional (OPK) and professional (PC) competencies:

№.	The code competencies	The content of the competence (or part of it)	Code and name of the indicator of achievement of competence	As a result of studying the discipline, students should:		
				Know	Be able to	Own
1.	OPK-3	the ability to use the basics of economic and legal knowledge in professional activities		on the principle, structure and	legal regulation of the	fundamentals of criminal, civil, labor

				organization of the activities of the forensic service in the Russian Federation, the work of the units of the Bureau of Forensic Medical Examination	production of a forensic medical examination, the rights, duties and responsibilities of an expert	and criminal procedure legislation
2.	OPK-5	the ability and willingness to analyze the results of their own activities to prevent professional errors		on professional and professional offenses of medical workers and responsibility for their commission	basic knowledge of normal and topographic anatomy, histology, general and analytical chemistry, normal and pathological physiology, pathological anatomy, pharmacology, surgery, traumatology, therapy, obstetrics and gynecology, childhood diseases	requirements for the execution of documents in the production of forensic medical examination
3.	OPK-6	willingness to maintain medical records		requirements for the execution of documents in the production of a forensic medical examination	legal and medical aspects of ascertaining the death of a person, establishing its cause and prescription	possession of the international classification of diseases, injuries and causes of death of the 10th revision (ICD-10)

4.	OPK-9	the ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems		on the main methods and methods of laboratory research of objects of forensic medical examination and their use to resolve issues arising in the investigation of criminal and civil cases	rules and features of examination of a corpse at the scene or its discovery, methods for identifying material evidence of biological origin, rules for their removal, packaging and sending for examination to the appropriate forensic laboratory	the order of sending objects from the corpse to additional and laboratory studies, the principles for interpreting their results
5.	PC-5	readiness to collect and analyze the patient's complaints, his medical history, examination results, laboratory, instrumental, pathoanatomical and other studies in order to recognize the condition or establish the presence or absence of the disease		requirements for the execution of documents in the production of a forensic medical examination	legal and medical aspects of ascertaining the death of a person, establishing its cause and prescription	possession of the international classification of diseases, injuries and causes of death of the 10th revision (ICD-10)
6.	PC-6	the ability to determine the main pathological conditions, symptoms, disease syndromes, nosological forms in patients in accordance with the International Statistical Classification of Diseases and Related Health Problems (ICD)		requirements for the execution of documents in the production of a forensic medical examination	legal and medical aspects of ascertaining the death of a person, establishing its cause and prescription	possession of the international classification of diseases, injuries and causes of death of the 10th revision (ICD-10)
7.	PC-7	readiness to conduct an examination of temporary disability,		rules and procedure for the	determine the severity of the	descriptions of damage, prescription

		participate in a medical and social examination, ascertain the biological death of a person		examination of living persons in order to establish: severity of harm to health, health conditions, feigned and artificial diseases, sex, productivity, pregnancy and childbirth, age, states of alcoholic intoxication	damage caused to health	, sequence and mechanisms of causing
8.	PC - 20	willingness to analyze and publicly present medical information based on evidence-based medicine		on professional and professional offenses of medical workers and responsibility for their commission	basic knowledge of normal and topographic anatomy, histology, general and analytical chemistry, normal and pathological physiology, pathological anatomy, pharmacology, surgery, traumatology, therapy, obstetrics and gynecology, childhood diseases	requirements for the execution of documents in the production of forensic medical examination

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

№.	Competency code	Name of the discipline section	The content of the section in didactic units
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1.	PC-7	Forensic medical examination of a corpse	<p>Procedural and organizational forms of forensic examination of a corpse. Reasons for its production, its goals and objectives. The sequence and scope of the actions performed. Determination of a rational complex of objects and methods of laboratory research, removal of objects, their packaging and directions for research. Evaluation of the results of laboratory studies. The main issues to be resolved in the examination of a corpse in the event of a violent death and suspicion of it. Establishing the cause, prescription and connection of death with the events preceding its onset. The ability to commit active targeted actions mortally wounded. Establishing the cause of death in the case of its non-violent nature and the conditions that contributed to its onset.</p> <p>Features of the study of the corpses of people who died suddenly, in a medical institution, as a result of an accident, from injuries caused by blunt and sharp objects, due to a gunshot injury, from mechanical asphyxia, the action of physical factors and poisoning.</p> <p>Features of the study of the corpse of an unknown person, a putrefactive, skeletonized and fragmented corpse.</p> <p>Features of the study of the corpses of persons who died in mass disasters (air, rail, water transport, earthquakes, explosions).</p> <p>Exhumation, its goals and organization, diagnostic capabilities. Features of the seizure of physical evidence and forensic examination of the corpse.</p>
2.	PC-6	Analysis of the conclusion of the forensic medical examination of the corpse	<p>Documenting the production of a forensic medical examination (research) of a corpse. Principles of building a forensic medical diagnosis and conclusions. Medical certificate of death.</p>
3.	PC-7	Forensic medical examination of mechanical damage	<p>The concept of trauma and traumatism, its causes and prevention. Medical and medico-legal classification of injuries. Environmental factors leading to the formation of damage. The concept of weapons, tools and damaging objects.</p> <p>Mechanical damage and their classification. Abrasions, bruises, wounds, dislocations, sprains, fractures, concussions, bruises, crushing, dismemberment. The notion of inflicting particular physical pain. Shock and collapse. Concussion, contusion, diffuse axonal damage to the brain, intracranial hemorrhage. Causes of death due to mechanical damage.</p> <p>Methodology of forensic medical research and description of mechanical damage. Diagnosis of their intravital (posthumous) formation, prescription,</p>

			<p>sequence and mechanism of infliction. Establishment of the most probable position of the body of the victim at the time of injury and the duration of his life. Determination of the ability for active purposeful actions of persons who have received injuries incompatible with life. Establishment of the immediate cause of death in the case of combined and concomitant injury.</p>
4.	PC-5	Laboratory studies during forensic medical examination of mechanical damage	<p>The concept of material evidence. Tissues and secretions of a person, as well as their traces as an object of forensic medical examination. Methods for the study of material evidence of biological origin and the main issues resolved by their application. The concept of homeoscopy, mechanoscopy, traceology. Types, mechanism of formation and methods for detecting traces (spots) of blood. The idea of laboratory methods for determining the presence of blood on the object, species, group, gender and regional affiliation in the study of its spots, the diagnostic capabilities of these methods. The study of liquid blood in disputed paternity (maternity) and replacement of children.</p> <p>Diagnostic capabilities, methods used and the main issues resolved in the production of examination of traces of semen, saliva, sweat, urine, traces of lips and sweat-fat traces of fingers, amniotic fluid, meconium. The concept of selection.</p> <p>Establishment of the type and regional origin of hair, their genetic sex and group specificity, the mechanism of hair separation, the presence, nature and method of damage to them. Definition of animal hair taxon.</p>
5.	PC-7	Inspection of the scene and initial external examination of the corpse	<p>Examination of the corpse at the scene. Procedural and organizational forms of participation of a medical specialist in it. Methods for detecting, seizing and packaging physical evidence of biological origin, the procedure for sending them for laboratory research. Preliminary judgment about the cause of death and the prescription of its occurrence. Consultation when a law enforcement officer formulates the issues of the Resolution on the appointment of a forensic medical examination of a corpse and material evidence of biological origin. Features of the examination of the scene and the corpse, depending on the category, type and type of death.</p>
6.	PC-7	Forensic medical examination of victims, defendants and other persons regarding bodily injuries	<p>Reasons and organization of forensic medical examination (examination) of victims, suspects and other persons. Grounds for the production of expertise without fail.</p>

			<p>Health examination. Establishing the severity of the harm caused to health. The concept of beatings, torture and disfigurement. The idea of simulation and dissimulation, aggravation and degravation, artificial and feigned illnesses, self-mutilation and self-harm.</p> <p>Forensic medical examination of sexual conditions. The main laboratory techniques used in its production. Establishment of the true sex and productive ability of a person. Diagnostics of the former pregnancy and childbirth. Examination in case of rape, sexual assault, other sexual crimes. The concept of sodomy and lesbianism. Examination in case of illegal abortion.</p> <p>Medical aspects of deliberate infection with venereal disease and HIV infection.</p>
7.	<p>OPK-3 OPK-5 OPK-6 OPK-20</p>	Forensic medical examination based on materials of criminal cases	<p>Reasons, procedure for organizing and conducting a forensic medical examination in cases of holding medical workers liable for poor-quality diagnostics, treatment and rehabilitation of a patient, the commission of professional or professional offenses. The concept of medical error and accident, an emergency in medical practice. Legal regulation of human organ and tissue transplantation. Medico-legal assessment of euthanasia. The importance of forensic medical examination materials for the analysis and prevention of violations in the work of medical institutions and improving the quality of medical and social assistance to the population.</p>

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

Type of study work	Labor intensity		Labor intensity by semesters (ACH)
	volume in credit units (CU)	volume in academic hours (AH)	
classroom work, including	1.83	66	66
Lectures (L)	<i>0.39</i>	<i>14</i>	<i>14</i>
Laboratory workshops (LP)			
Practical exercises (PZ)	<i>1.44</i>	<i>52</i>	<i>52</i>
Clinical Practice (CPP)			
Seminars (C)			
Student Independent Work (SIW)	1.17	42	42
Student research work			
Intermediate certification			
Credit:			
TOTAL LABOR CAPACITY	3	108	108

6. Content of the academic discipline

6.1. Sections of the discipline and types of academic work

№.	sem ester num ber	Name of the discipline section	Types of educational work (in ACH)						
			L	LP	PZ	bull pen	FR O M	SRS	Total
1	11	The subject of forensic medicine and the history of its development	1					2	3
2.	11	Procedural and organizational foundations of forensic medical examination in the Russian Federation	2					4	6
3.	11	Forensic thanatology	1		22			4	27
4	11	Examination of the corpse at the place of its discovery	1		12			6	19
5.	11	General issues of forensic traumatology	1					4	5
6.	11	Injury from blunt objects	1					2	3
7.	11	Gunshot damage	1					2	3
8.	11	Mechanical asphyxia	1					2	3
9	11	Injury and death due to poisoning	1					2	3
10.	11	Forensic medical examination of victims, suspects, accused and other persons			18			6	24
11.	11	Medico-criminalistic identification of a person. Establishment of biological age.	1					2	3
12.	11	Laboratory methods for the study of physical evidence of biological origin	2					4	6
13.	11	Forensic medical examination in case of holding a medical worker liable for poor-quality medical care, committing a professional or professional offense	1					2	3
		TOTAL	14		52		42		108

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

6.2. Thematic schedule of educational work types:

6.2.1 Thematic schedule of lectures

№	Name of lecture topics	Volume in Ah	Semester
1.	The subject of forensic medicine and the history of its development	1	11
2.	Procedural and organizational foundations of forensic medical examination in the Russian Federation	2	11
3.	Forensic thanatology	2	11
4.	General issues of forensic traumatology	1	11
5.	Injury from blunt objects	1	11
6.	Gunshot damage	1	11
7.	Mechanical asphyxia	1	11
8.	Injury and death due to poisoning	1	11
9.	Medico-criminalistic identification of a person. Establishment of biological age.	1	11
10.	Laboratory methods for the study of physical evidence of biological origin	2	11
11.	Forensic medical examination in case of holding a medical worker liable for poor-quality medical care, committing a professional or professional offense	1	11
	TOTAL (total - 14 Ah)	14	

6.2.3. Thematic plan of practicals

№	Name of topics of clinical practical classes	Volume in Ah	
1.	Examination of the corpse at the place of its discovery	12	11
2.	Forensic medical examination of a corpse	22	11
3.	Forensic medical examination of victims, suspects, accused and other persons	18	11
	TOTAL (total - 52 Ah)	52	

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

6.6. Types and topics of student independent work (SIW):

№	Name of the type of CPC*	Volume in Ah	Semester
1.	Preparation for clinical practical classes, doing homework, preparation for current control	8	11
2.	Working with lecture material	6	11
3.	Working with electronic resources on the portal of distance education of Nizhny State Medical Academy	4	11
4.	The study of material submitted for independent study (separate topics, paragraphs), work with literary sources	6	11
5.	Preparation for testing, online testing	4	11
6.	Preparation for the test in practical skills	4	11
7.	Writing a fragment of an expert opinion	4	11
8.	Writing an expert opinion	6	11
	Total	42	

7. Fund of evaluation tools for current control and intermediate certification

№	semes ter numb er	Forms of control	Name of the discipline section	Evaluation tools		
				Kinds	Number of questions in the task	Number of independent options
1	2	3	4	5	6	7
1.	11	<i>control of the developme nt of the topic</i>	Forensic thanatology	1,2,3□ - current testing, writing a fragment of an expert opinion	15	3
2.	11	<i>control of the developme nt of the topic</i>	Examination of the corpse at the place of its discovery	1 - current testing. oral individual survey, writing a fragment of the expert's opinion; 2 - current testing, control work, writing a fragment of the expert's opinion; 3 - current testing, oral individual survey, writing a fragment of the expert's opinion		Computer testing (option is formed by random sampling)
3.	11	<i>control of the developme nt of the topic</i>	Forensic medical examination of a corpse	1 - current testing, oral individual survey, interview on situational tasks; 2 - current testing, test, abstract; 3 - current		Computer testing (option is formed by random sampling)

				testing, oral individual survey, abstract		
4.	11	<i>control of the development of the topic</i>	General issues of forensic traumatology	1 - current testing, oral individual survey, interview on situational tasks; 2 - current testing; control work, abstract; 3 - current testing, oral individual survey, abstract		Computer testing (formed by random sampling)
5.	11	<i>control of the development of the topic</i>	Forensic medical examination of victims, suspects, accused and other persons	1 - current testing, oral individual survey, writing a fragment of the expert's opinion; 2 - current testing, written test work, writing a fragment of the expert's opinion; 3 - current testing, oral individual survey, written test work, writing a fragment of the expert's opinion		Computer testing (option is formed by random sampling)
6.	11	<i>control of the development of the topic</i>	Laboratory methods for the study of physical evidence of biological origin	1 - current testing, oral individual survey, writing a		Computer testing (option is formed by random

				fragment of the expert's opinion; 2 - current testing, written test work, writing a fragment of the expert's opinion; 3 - current testing, oral individual survey, written test work, writing a fragment of the expert's opinion		sampling)
7.	11	<i>control of the development of the topic</i>	Forensic medical examination in case of holding a medical worker liable for poor-quality medical care, committing a professional or professional offense	1 - interview on situational tasks; 2 - abstract; 3 - individual survey, abstract		-
8.	11	<i>control of the development of the topic</i>	Medico-criminalistic identification of a person. Establishment of biological age.	1 - oral individual survey; 2 - abstract; 3 - oral individual survey, abstract		-

8. Educational, methodological and information support of the discipline (printed, electronic publications, Internet and other network resources).

8.1. List of basic literature:

№	Name according to bibliographic requirements	Number of copies	
		At the department	In library
1.	COLOR ATLAS OF ANATOMIC PATHOLOGY, Robin A. Cooke, Brian Stewart, Foreword by Juan Rosai MD Chairman, Department of Pathology, National Cancer Institute, Milan, Italy. 2004	1	0
2.	Guddat SS, Ehrlich E., Martin H., Tsokos M. Fatal spontaneous subdural bleeding due to neonatal giant cell hepatitis: a rare differential diagnosis of shaken	12	0

	baby syndrome. Forensic Sci Med Pathol. 2011		
3.	Forensic pathology, COLOR GUIDE, David J. Williams, Anthony J/ Anford, David S. Priday, Alex S. Forrest. 2006	15	0
4.	Radiologic Atlas of ABUSE, TORTURE, TERRORISM, AND INFLICTED TRAUMA, BG Brogdon, MD Hermann Vogel, MD John D. McDowell, DDS, MS Boca Raton London New York Washington, DC 2003	12	0

8.2. List of additional literature:

№	Name according to bibliographic requirements	Number of copies	
		At the department	In library
1	Longauer F., Bobrov N., Labaj P. Practicing in Forensic Medicine. Kosice, 2000	5	-
2.	Ehrlich E., Riesselmann B., Tsokos M. A series of hospital homicides. Legal Medicine 11, 2009	5	-
3.	Tsokos M., Voigt Z., Ehrlich E. Atypical gunshot entry wound. Forensic Sci Med Pathol. 2012	5	-
4	Time of Death, Decomposition and Identification An ATLAS, Jay Dix, Michael Graham, Boca Raton, London, New York, Washington, DC 2000	4	-

8.3. List of guidelines for classroom and independent work of students:

№.	Name according to bibliographic requirements	Number of copies	
		At the department	In library
1.	James M Miller. Chromatography: concepts and contrasts / James M. Miller. - New York 2012	3	0
2.	Riesselmann B., Ehrlich E., Tsokos M. A series of hospital homicides 7th International Symposium on Advances in Legal Medicine, Osaka/Japan October 2008	3	0
3.	Pfeifer C., Kulstei G. International Scientific and Practical Conference. Moscow, 13–14. April 2016	4	0

8.4. Electronic educational resources used in the process of teaching the discipline:

8.4.1. Internal Electronic Library System of the University (VEBS)*

<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>	<i>Number of users</i>
Internal electronic library system (VEBS)	Proceedings of the teaching staff of the Academy: textbooks and teaching aids, monographs, collections of scientific papers, scientific articles, dissertations, abstracts of dissertations, patents.	from any computer on the Internet, using an individual login and password [Electronic resource] - Access mode: http://95.79.46.206/login.php	Not limited

8.4.2. Electronic educational resources purchased by the university

<i>Name of the</i>	<i>Brief description (content)</i>	<i>Access conditions</i>	<i>Number of users</i>
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<i>electronic resource</i>			
Electronic database "Student Advisor"	Educational literature + additional materials (audio, video, interactive materials, test tasks) for higher medical and pharmaceutical education. Editions are structured by specialties and disciplines in accordance with the current Federal State Educational Standards of Higher Professional Education.	from any computer on the Internet, using an individual login and password [Electronic resource] - Access mode: http://www.studmedlib.ru/	General subscription of PIMU
Electronic library system "Bukap"	Educational and scientific medical literature of Russian publishing houses, incl. translations of foreign publications.	from any computer located on the Internet by login and password, from the computers of the academy. Subscribed editions are available for reading. [Electronic resource] - Access mode: http://www.books-up.ru/	General subscription of PIMU
"Bibliopoisk"	Integrated search service "single window" for electronic catalogs, ELS and full-text databases. The results of a single search in the demo version include documents from domestic and foreign electronic libraries and databases available to the university as part of a subscription, as well as from open access databases.	For PIMU, access to the demo version of the Bibliopoisk search engine is open: http://bibliosearch.ru/pimu .	General subscription of PIMU
Domestic electronic periodicals	Periodicals on medical topics and higher education	- from the computers of the academy on the platform of the electronic library eLIBRARY.RU -magazines publishing house "Mediasphere" - from the computers of the library or provided library at the request of the user [Electronic resource] - Access mode: https://elibrary.ru/	
International scientometric database "Web of Science Core Collection"	Web of Science covers materials on natural, technical, social, humanities; takes into account the mutual citation of publications developed and provided by Thomson Reuters;	Free access from PIMU computers [Electronic resource] - Access to the resource at: http://apps.webofknowledge.com	Free access from PIMU computers

	has built-in search, analysis and management of bibliographic information.		
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8.4.3 Open access resources

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

9. Logistics support of discipline.

9.1. List of premises* required for conducting classroom studies in the discipline.

1. lecture hall equipped with multimedia equipment and a microphone, an acoustic amplifier and speakers;
2. themed rooms;
3. morgue;
4. laboratory;
5. cathedral library

9.2. The list of equipment* required for classroom training in the discipline.

1. multimedia complex, acoustic amplifier, microphone, speakers;
2. information stands;
3. medical documentation: expert opinion;
4. dry and wet preparations.

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

Item no.	Software	number of licenses	Type of software	Manufacturer	Number in the unified register of Russian software	Contract No. and date
1	Wtware	100	Thin Client Operating System	Kovalev Andrey Alexandrovich	1960	2471/05-18 from 28.05.2018
2	MyOffice is Standard. A corporate user license for educational organizations, with no expiration date, with the right to receive updates for 1 year.	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	283	without limitation, with the right to receive updates for 1 year.
3	LibreOffice		Office Application	The Document Foundation	Freely distributed software	
4	Windows 10 Education	700	Operating systems	Microsoft	Azure Dev Tools for Teaching Subscription	
5	Yandex. Browser		Browser	«Yandex»	3722	
6	Subscription to MS Office Pro for 170 PCs for FGBOU VO "PIMU" of the Ministry of Health of Russia	170	Office Application	Microsoft		23618/HN10030 LLC "Softline Trade" from 04.12.2020

10. List of changes to the working program (to be filled out by the template)

Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation
(FSBEI HE "PRMU" of the Ministry of Health of Russia)

Department of
Name of the department

CHANGE REGISTRATION SHEET

working program for the academic discipline
NAME OF THE ACADEMIC DISCIPLINE

Field of study / specialty / scientific specialty: _____

(code,

name)

Training profile: _____

(name) - for master's degree programs

Mode of study: _____

full-time/mixed attendance mode/extramural

Position	Number and name of the program section	Contents of the changes made	Effective date of the changes	Contributor's signature
1				

Approved at the department meeting

Protocol No. _____ of _____ 20__

Head of the Department

department name, academic title

signature

print name