

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

Faculty of Education of foreign students, residents and postgraduates

CONFIRM
Supervisor
educational program
/ E.S. Belousova /
(signature) (FULL NAME.)
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DISCIPLINE WORKING PROGRAM

FORENSIC MEDICINE

Speciality 31.05.01 General medicine

Form of education full-time

Rostov-on-Don
2023

I. GOALS AND OBJECTIVES OF MASTERING THE DISCIPLINE

1.1. The purpose of mastering the discipline: is to master students' knowledge, at a modern level, of theoretical and practical issues to the extent necessary for the successful performance of the duties of a specialist in the initial investigative actions, in the study of the morphological features of the course of pathological processes in mechanical trauma and some extreme conditions; legal regulation and organization of forensic medical examination, the main problems of medical bioethics, issues of liability of doctors for causing harm to health, professional, professional and official offenses.

1.2. Objectives of studying the discipline: teaching students to correctly formulate scientifically based answers to questions that arise in specific cases of expert practice;

- training students to objectively draw up an expert's report with the correct preparation of a forensic diagnosis and specific conclusions that will allow law enforcement agencies to timely solve a particular crime;
- familiarizing students with the main provisions of the Criminal and Criminal Procedure legislation of the Russian Federation in relation to the activities of medical workers and their professional offenses;
- formation and improvement of the professional training of a medical specialist with clinical thinking, a good understanding of complex pathology, and having in-depth knowledge of related disciplines;
- developing skills in studying scientific literature and official statistical reviews;
- developing student communication skills with the team.
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II. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

The study of the discipline is aimed at developing competencies in accordance

with Federal State Educational Standards of Higher Education and EP of Higher Education in this specialty:

2.1. Universal: -.

2.2. General professional: -.

2.3. Professional: PC -5. 7

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

3.1. The discipline refers to the compulsory part or to the part formed by the participants in educational relations - B1.B.31.

IV. CONTENT AND STRUCTURE OF DISCIPLINE

The complexity of the discipline in Z3 hour108

4.1. Sections of the discipline studied in eleven semester

No. section	Section name	Number of hours					
		Total	Contact Job			SRS	
			L	WITHETC	LR		
Semester 11							
1	The subject of forensic medicine and a brief history of its development. Thanatology. Cadaveric phenomena.	12	2		6		4
2	Forensic expertise damage from sharp objects. Forensic traumatology.	16	2		8		6
3	Forensic expertise damage from sharp objects.	13	1		6		6
4	Forensic expertise damage. Firearms Blast injury.	13	1		6		6
5	Forensic medical examination of mechanical asphyxia. Drowning.	14	2		6		6
6	Forensic toxicology.	13	1		6		6
7	Forensic expertise living persons. Forensic expertise medical documentation. Forensic expertise real evidence. Inspection of the scene of the incident.	16	2		8		6
8	Forensic medical examination of corpses newborns.	eleven	1		6		4
Total for the semester		108	12		52		44
			64				
Interim certification form (test/test with assessment/exam)		Test with assessment					
<i>Total for the discipline:</i>		108	12		52		44
			64				

SRS- independent work of students **L**-lectures

WITH- seminars

LR -laboratory works **ETC**-

practical lessons

4.2. Contact work

Lectures

No. section	No. lectures	Lecture topics	Number of hours
Semester 11			
1	1	The subject of forensic medicine, a brief history of its development. Procedural foundations of forensic medical examination. Organization of forensic medical examination in the Russian Federation. Thanatology.	2
2	2	Forensic expertise damage blunt objects. Traumatology. Road accident. Railway injury. Falling from height.	2
3.4	3	Forensic expertise damage sharp objects. Gunshot and blast injury.	2
5	4	Mechanical asphyxia. Drowning.	2
6	5	Forensic toxicology.	2
7	6	Examination of living persons. Qualifying signs of severity of harm to health.	2
<i>Total for the semester hours:</i>			12
<i>Total hours discipline:</i>			12

Practical work

No. section	No. seminar, ETC	Topics of practical work	Number in hours	Shapes of the current control

No. section	No. seminar, ETC	Topics of practical work	Number in hours	Shapes of the current control
Semester 11				
1	1	The subject of forensic medicine, a brief history of its development. Procedural foundations of forensic medical examination. Organization of forensic examinations in the Russian Federation. Thanatology. Early and late cadaveric phenomena.	6	Interview
2	2	Damage to objects. Medical traumatology. Road accident. Railway injury. Falling from height. Aviation injury.	6	Interview
3.4	3	Damage to sharp objects. Gunshot and blast injury.	6	Writing poll: abandonment judicial medical diagnosis
5	4	Mechanical asphyxia. Drowning.	5	Writing poll: abandonment judicial medical diagnosis
6	5	Forensic toxicology.	5	Writing poll: abandonment judicial medical diagnosis
7	6	Expertise on living signs on faces. Qualifying harm to health caused to a person.	5	Oral survey on decision situational tasks
7	7	Inspection of the scene of the incident.	5	Interview for protocols site inspection incidents
7	8	Examination of physical evidence	5	Interview
8	9	Examination of newborn corpses.	5	Written work with acts (conclusions) by examination newborns.

No. section	No. seminar, ETC	Topics of practical work	Number in hours	Shapes of the current control
18	Final class 10	Test lesson	4	Written work with acts (conclusions). Testing.
Total for the semester hours			52	
<i>Total hours discipline:</i>			52	

4.3. Independent work of students

No. section	Type of independent work of students	Number in hours	Shapes of the current control
Semester 11			
1	Preparation for a lesson on theoretical issues using literary sources Preparing for a lesson using mock-ups, stands Preparing for a lesson using the Internet, lectures	8	Independent Job
2	Preparation for a lesson on theoretical issues using literary sources Preparing for a lesson using mock-ups, stands Preparing for a lesson using lectures, macro- and micropreparations	9	Control Job
3	Preparation for a lesson on theoretical issues using literary sources Preparation for the lesson using methodological recommendations, stands Preparing for class using lectures	9	Independent Job
4	Preparation for classes on theoretical issues, using expert, literary sources, methodological recommendations, acts (expert opinions), with a description of the forensic diagnosis, conclusions (conclusions) on asphyxia and toxicology	9	Independent Job on compilation "Forensic medical diagnosis, conclusions (conclusions) on asphyxia and toxicology

No. section	Type of independent work of students	Number in hours	Shapes of the current control
5	Preparation for classes on theoretical issues, using expert, literary sources, methodological recommendations, acts (expert opinions), when examining living persons (victims, accused, suspects).	9	Independent Job by writing "Acta (conclusions)" examination of a living person
Total hours per semester		44	
<i>Total hours discipline:</i>		44	

V. ASSESSMENT MATERIALS FOR CURRENT CONTROL, INTERMEDIATE CERTIFICATION (are an appendix to the work program).

VI. EDUCATIONAL AND METHODOLOGICAL SUPPORT OF DISCIPLINE

6.1. Printed publications

1. Forensic medicine: textbook./Ed. Yu.I. Pigolkina. M.: GEOTAR-MEDIA, 2012. – 496 pp.: ill.
2. Forensic medicine. Tasks and test tasks: textbook. manual./Ed. Yu.I. Pigolkina. M.: GEOTAR-MEDIA, 2011. - 624 p.
3. Forensic medical examination of a living person: educational and methodological manual. Berezovsky D.P. M.: GEOTAR-MEDIA, 2010 - 32 p.
4. Atlas of forensic medicine. Ed. Yu.I. Pigolkina. M.: GEOTAR-MEDIA, 2010.- 376 pp.: ill.

Periodicals:

1. Scientific and practical journal "Forensic medical examination".
2. Scientific and practical journal "Problems of examination in medicine".
3. Scientific and practical journal "Forensic Medicine".
4. Journal "Medical Expertise and Law".
5. Journal "Legal Issues in Healthcare".

6.2. Internet resources

ELECTRONIC EDUCATIONAL RESOURCES				Access to the resource
Electronic library	RostSMU.	–	URL:	Access is not limited
http://109.195.230.156:9080/opacq/				

Student Advisor: EBS. – Moscow: LLC “IPUZ”. http://www.studmedlib.ru	- URL:	Access is not limited
Doctor's consultant. Electronic medical library: EBS. – Moscow: LLC GC "GEOTAR". - URL: http://www.rosmedlib.ru		Access is not limited
Consultant Plus : reference legal system. - URL: http://www.consultant.ru		Access from university computers
Scientific electronic library eLIBRARY. - URL: http://elibrary.ru		Open access
National Electronic Library. - URL: http://neb.rf/		Access from computers libraries
Scopus/Elsevier Inc., Reed Elsevier. – Philadelphia: Elsevier BV, PA. – URL: http://www.scopus.com/ via IP addresses of RostSMU and remotely after registration (<i>National project</i>)		Access is not limited
Web of Science/Clarivate Analytics. - URL: http://apps.webofknowledge.com via IP addresses of RostSMU and remotely after registration (<i>National project</i>)		Access is not limited
ScienceDirect. Freedom Collection [magazines] /Elsevier. – URL: www.sciencedirect.com . via IP addresses of RostSMU and remotely after registration (<i>National project</i>)		Access is not limited
Springer Nature database. - URL: http://link.springer.com/ via IP addresses of RostSMU and remotely after registration, remotely via KIAS RFBR https://kias.rfbr.ru/req/index.php (<i>National project</i>)		Access is not limited
Wiley Online Library / John Wiley & Sons. - URL: http://onlinelibrary.wiley.com via IP addresses of RostSMU and remotely after registration (<i>National project</i>)		Access is not limited
Single window of access to information resources. http://window.edu.ru/	- URL:	Open access
Russian education. Federal educational portal. - URL: http://www.edu.ru/index.php		Open access
ENVOС.RU English vocabulary]: educational site for English learners. language - URL: http://envoc.ru		Open access
Online dictionaries. - URL: http://dic.academic.ru/		Open access
WordReference.com : online linguistic dictionaries. - URL: http://www.wordreference.com/		Open access
Official Internet portal of legal information. - URL: http://pravo.gov.ru/		Open access
Federal Electronic Medical Library of the Russian Ministry of Health. - URL: http://www.femb.ru/feml/ , http://feml.scsml.rssi.ru		Open access
Medline (PubMed, USA). - URL: https://pubmed.ncbi.nlm.nih.gov/		Open access
Free Medical Journals. - URL: http://freemedicaljournals.com		Open access
Free Medical Books. - URL: http://www.freebooks4doctors.com/		Open access
International Scientific Publications. -URL: https://www.scientific-publications.net/ru/		Open access
CyberLeninka: scientific electron. beep. -URL: http://cyberleninka.ru/		Open access
Archive of scientific journals / NEIKON. - URL: https://archive.neicon.ru/xmlui/		Open access
ECO-Vector Journals Portal /Open Journal Systems. - URL:		Open

https://journals.eco-vector.com/	access
Open access journals in Russian /platformEIPub NEICON. – URL: https://elpub.ru/	Open access
Medical Herald South Russia. - URL: https://www.medicalherald.ru/jour or from the RostSMU website	Open access
World Health Organization. - URL: http://who.int/ru/	Open access
Evrika.ru information and educational portal for doctors. –URL: https://www.evrika.ru/	Open access
Med-Edu.ru: medical video portal. - URL: http://www.med-edu.ru/	Open access
Univadis.ru : international honey. portal. - URL: http://www.univadis.ru/	Open access
DoctorSPB.ru: information-reference portal about medicine. - URL: http://doctorspb.ru/	Open access
Modern problems of science and education: electron. magazine. -URL: http://www.science-education.ru/ru/issue/index	Open access
Rubricator of clinical recommendations Ministry of Health of Russia. -URL: http://cr.rosminzdrav.ru/	Open access
Education on Russian: portal / State. Institute of Russian language them. A.S. Pushkin. - URL: https://pushkininstitute.ru/	Open access

VII. MATERIAL AND TECHNICAL SUPPORT OF DISCIPLINE:

Name of special* premises and premises for independent work 344022, Rostov region, Rostov-on-Don, lane. Nakhichevan, 38/57-59/212-214 Liter U, (Forensic Medicine Building, 2nd floor).

Classroom for conducting seminar-practical classes, group and individual consultations, ongoing monitoring and intermediate certification in the discipline "Forensic Medicine".

344022, Rostov region, Rostov-on-Don, lane. Nakhichevan, 38/57-59/212-214 Liter U, (Forensic Medicine Building, 1st floor).

Lecture auditorium A classroom for conducting lecture-type classes in the discipline "Forensic Medicine".

344022, Rostov region, Rostov-on-Don, lane. Nakhichevan, 38/57-59/212-214 Liter U (Forensic Medicine Building, ground floor).

Classroom for conducting practical classes, group and individual consultations, ongoing monitoring and intermediate certification in the specialty "Forensic Medicine"

344022, Rostov region, Rostov-on-Don, lane. Nakhichevan, 38/57-59/212-214 Liter U (Forensic Medicine Building, 2nd floor, training room No. 24).

Classroom for conducting practical, group and individual consultations, ongoing monitoring and intermediate certification in the specialty "Forensic Medicine".

Educational and laboratory equipment:

<p>Logistics security academic discipline "Judicial medicine"</p>	<p>Classroom equipment (technical means, sets of demonstration equipment, laboratory equipment, etc.)</p>
<p>1st floor of the Department of Forensic Medicine of Rostov State Medical University, (lecture room), 190 sq.m., 40 teaching tables, 1 teacher's table, 80 chairs, chair for lecturing</p>	<p>Multimedia equipment (for lecture presentations): laptop, portable multimedia projector for presentation lectures.</p>
<p>2nd floor of the Department of Forensic Medicine RostSMU, museum, 71 sq.m., 7 classrooms tables, 1 teacher's table, 14 chairs, 1 cabinet with laboratory glassware</p>	<p>Demonstration equipment: dummies cadaveric phenomena and bone preparations with damage, wet preparations, reports of forensic medical examination of corpses, expert opinions, sets of situational tasks, stands.</p>
<p>2nd floor of the Department of Forensic Medicine RostSMU, No. 23.30 sq.m., 8 educational laboratory tables, 1 teacher's table, 1 teacher's chair 16 chairs, teaching board</p>	<p>Demonstration equipment: dummies cadaveric phenomena and bone preparations with damage, wet preparations, reports of forensic medical examination of corpses, expert opinions, sets of situational tasks, stands.</p>
<p>ground floor of the Department of Forensic Medicine of Rostov State Medical University, No. 04, 20 sq.m., 12 teaching tables, 1 teacher's table, 20 chairs, PC with printer.</p>	<p>Demonstration equipment: dummies cadaveric phenomena and bone preparations with damage, wet preparations, reports of forensic medical examination of corpses, expert opinions, sets of situational tasks, stands.</p>
<p>ground floor of the Department of Forensic Medicine of Rostov State Medical University, No. 02, 20 sq.m., 15 teaching tables, 1 teacher's table, 30 chairs, PC with printer</p>	<p>Demonstration equipment: dummies cadaveric phenomena and bone preparations with damage, wet preparations, models, simulating crime scenes, sets situational tasks, stands.</p>
<p>2nd floor of the Department of Forensic Medicine RostSMU, museum, 71 sq.m., 7 classrooms tables, 1 teacher's table, 14 chairs, 1 cabinet with laboratory dishes.</p>	<p>Demonstration equipment: dummies cadaveric phenomena and bone preparations with damage, wet preparations, reports of forensic medical examination of corpses, expert opinions, sets of situational tasks, stands.</p>

Technical means:

Stands on relevant topics for each practical lesson. Multimedia presentations on all lecture topics.

Sets of situational tasks to determine harm to health. Sets of situational problems.

Conclusions and reports of forensic medical examination of corpses with various types of death - without conclusions - for students to independently formulate expert conclusions at the final lesson.

Tests on relevant topics for the final lesson.

Conclusions and cadaver examination reports for an introductory lesson with sample conclusions. Preparations from expert practice for studying and describing by students in practical classes in forensic traumatology: injuries with blunt, sharp objects, gunshot injuries.

Museum preparations from expert practice (dry and wet) - for demonstrations at lectures and practical classes on relevant topics: cadaveric phenomena, injuries with blunt objects, injuries with sharp instruments, injuries from firearms, mechanical asphyxia, sudden death, examination of poisoning, examination of newborns, examination of sexual conditions.

Materials for the practical lesson on the examination of clothing and material evidence: samples of blunt traumatic objects, samples of sharp instruments, samples of firearms, items of clothing with damage, sets of human and animal hair, on glass slides - preparations for testing for the presence of sperm, dry blood preparations and liquid form.

Models simulating the situation at the scene of an incident for various types of violent death (for a lesson on examining the scene of an incident and the corpse at the place of its discovery).