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**Federal State Autonomous Educational Institution of Higher Education
«Peoples' Friendship University of Russia named after Patrice Lumumba»
(RUDN University)
Institute of Medicine**

educational division (faculty/institute/academy) as higher education programme developer

COURSE SYLLABUS

FORENSIC MEDICINE

course title

Recommended by the Didactic Council for the Education Field of:

31.05.01 General Medicine

field of studies / speciality code and title

The course instruction is implemented within the professional education programme of higher education:

General Medicine

higher education programme profile/specialisation title

1. COURSE GOAL(s)

The discipline «Forensic medicine» is included in the program of the specialty «General medicine» for the field of studies 31.05.01 «General Medicine» and is studied in the 11th semester of the 6th year. The discipline is implemented by the Department of Forensic Medicine. The discipline consists of 10 sections and 25 topics and is aimed at studying issues of a biomedical nature that arise in law enforcement agencies during the investigation of criminal or civil cases.

The course is aimed at building up students' professional competencies based on knowledge of theoretical and practical issues of forensic medical examination to the extent necessary for the successful fulfillment of the duties of a specialist on the instructions of investigative authorities in the implementation of the tasks of Russian healthcare contributing to further improvement of therapeutic and prophylactic healthcare quality.

2. REQUIREMENTS FOR LEARNING OUTCOMES

The course «Forensic medicine» is expected to contribute to the following competences (parts of the competences):

Table 2.1. List of competences that students acquire through the course study

Competence code	Competence descriptor	Competence formation indicators (within this course)
GPC-1	Being able to implement moral and legal norms, ethical and deontological principals in professional activity	GC-1.1. Being able to abide by the ethical standards and legal regulations in professional activity.
GPC-5	Being able to assess morpho-functional, physiological conditions and pathological processes in the human body to solve professional tasks	GC-5.3. Being able to determine morpho-functional, physiological states and pathological processes of the human body.
PC-4	Being able to implement and monitor the patient's medical rehabilitation efficacy, including when implementing individual rehabilitation and habilitation programmes for persons with disabilities; assess the patient's ability to work	PC-4.1. Being able to conduct an examination of temporary disability and work as part of a medical commission which examines temporary disability.
PC-6	Being able to keep medical records and	PC-6.5. Being able to provide internal control of quality and safety of medical activities within the scope of employment responsibilities.

Competence code	Competence descriptor	Competence formation indicators (within this course)
	organize the activities of the nursing staff	

3. COURSE IN HIGHER EDUCATION PROGRAM STRUCTURE

The course «Forensic medicine» is a part of Compulsory Module of the block B1 of the Education Programme.

Within the framework of the current Education Programme students also master other disciplines and/or practices that contribute to achieving the planned results of mastering the discipline “Forensic Medicine”.

Table 3.1. The list of the higher education programme components/disciplines that contribute to the achievement of the expected learning outcomes as the course study results

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
GPC-1	Being able to implement moral and legal norms, ethical and deontological principals in professional activity	Practice in obtaining primary professional skills and professional experience: assistant to a procedural nurse; Diagnostic Profile Practice: Assistant Ward Nurse; Surgical practice: Assistant Surgeon; Obstetric and gynecological practice: assistant to a gynecologist; Assistant physician of the therapeutic profile: assistant physician of the therapist; General medical practice: assistant physician at an outpatient clinic; Obstetric and gynecological practice: obstetrician's assistant; General medical practice: Assistant Pediatrician; General Surgery; Legal studies; Fundamentals of medical law; Psychology and pedagogy;	

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
		Propaedeutics of internal diseases; History of medicine; Latin language;	
GPC-5	Being able to assess morpho-functional, physiological conditions and pathological processes in the human body to solve professional tasks	Biochemistry; Normal physiology; General Surgery; Obstetrics and gynecology; Biology; Microbiology, virology; Pathology, clinical pathology; Molecular genetic methods; Methods of microbiological diagnosis; Propaedeutics of internal diseases; Immunology; Pathological anatomy, clinical pathological anatomy; Radiation diagnostics; Medical Elementology; Ophthalmology; Methods of cell biology and histology; Chemistry; Pharmacology; Bioorganic chemistry; Anatomy; Histology, embryology, cytology; Topographic anatomy and operative surgery; Otorhinolaryngology; Pediatrics;	Phthisiology; Maxillofacial surgery; Dissection course;
PC-6	Being able to keep medical records and organize the activities of the nursing staff	General medical practice: assistant physician at an outpatient clinic; Practice in obtaining primary professional skills and professional experience: assistant to a procedural nurse;	Outpatient therapy; Endoscopic urology; Allergology; Hospital therapy; Hospital surgery, pediatric surgery; Telemedicine;

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
		Obstetric and gynecological practice: assistant to a gynecologist; Assistant physician of the therapeutic profile: assistant physician of the therapist; Obstetric and gynecological practice: obstetrician's assistant; Surgical practice: Assistant Surgeon; Introductory practice on obtaining primary professional skills and Skills: patient care (simulation center); Introductory practice on obtaining primary professional skills: patient care; Practice in obtaining primary professional skills: assistant to junior medical staff; Public health and healthcare, economics healthcare; Outpatient therapy; Faculty therapy; Faculty Surgery; Obstetrics and Gynecology; Urology; Infectious diseases; Methods of biomedical data analysis. Artificial intelligence in the implementation of practical healthcare tasks; Biostatistics; General Surgery; Radiation diagnostics; Ophthalmology; Propaedeutics of internal diseases; Hospital therapy;	

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
		Hospital surgery, pediatric surgery; Pediatrics; Bioethics**;	
PC-4	Being able to implement and monitor the patient's medical rehabilitation efficacy, including when implementing individual rehabilitation and habilitation programmes for persons with disabilities; assess the patient's ability to work	Surgical practice: Assistant Surgeon; General medical practice: assistant physician at an outpatient clinic; Outpatient therapy; Medical rehabilitation; Public health and healthcare, economics healthcare; Neurology, medical genetics, neurosurgery; Faculty therapy; Faculty Surgery; Occupational diseases; Hospital therapy; Hospital surgery, pediatric surgery; Organization of special patient care; Traumatology, orthopedics;	Outpatient therapy; <i>Examination of temporary disability**</i> ; Hospital therapy; Hospital surgery; Pediatric surgery; Endocrinology;

* To be filled in according to the competence matrix of the higher education programme.

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course is 3 credits (108 academic hours).

Table 4.1. Types of academic activities during the periods of higher education programme mastering (**full-time training**)*

Type of academic activities	Total academic hours	Semesters/training modules
		11
<i>Contact work, hours</i>	68	68
<i>Lectures (L)</i>	0	0
<i>Lab work (LW)</i>	51	51
<i>Seminars (S)</i>	17	17
<i>Self-studies</i>	31	31
<i>Evaluation and assessment (exam/passing/failing grade)</i>	9	9

Course workload	academic hours	108	108
	credits	3	3

5. COURSE CONTENTS

Table 5.1. Course contents and academic activities types

Section number Section title	Course module title	Course module contents (topics)	Academic activities types
Section 1. Procedural and organizational issues of forensic medical examination. Examination of the accident scene and a corpse on the accident scene.	1.1 The structure of the forensic medical service in Russia Federation.	Forensic medicine, definition. Forensic medicine and forensic medical expertise. Rights and duties of a forensic medical expert. Types of forensic expertise. Objects of forensic medical examination. Forensic medical examination at the preliminary investigation and in court. Forensic medical documentation.	S
	1.2 Examination of a corpse on the accident scene.	Examination of a corpse on the accident scene (procedural issues, organization, stages and types of inspection of the scene). The tasks of a specialist in forensic medicine and the sequence of actions during examination of a corpse on the accident scene. Procedural registration of the inspection of the accident scene and examination of the corpse on the accident scene.	S
	1.3 The features of examination of a corpse in various types of death.	Features of examination of a corpse with damages due to blunt solid objects, sharp objects, in cases of falling from a height, in cases of transport injury, due to gunshot injury, in case of suspected chemical injury, in case	S

		of damage by technical and atmospheric electricity, etc.	
Section 2. Forensic thanatology	2.1 Forensic doctrine of death and postmortem changes.	The process of dying and concept of death. Terminal states. The concepts of clinical and biological death. Death certification. Early cadaveric changes. Late cadaveric changes.	S
	2.2 Classification of death types. The concept of the cause of death. Competing causes of death.	Types of death by category: violent, non-violent. Manners of violent death: murder, suicide, accident.	S
	2.3 Determination of the time since death.	Determination of the of death by supravital reactions, by early and late postmortem changes.	S
Section 3. Forensic medical examination of mechanical damages.	3.1 General issues of forensic traumatology.	Mechanical damages. General characteristics of mechanical damages. The main issues to be solved during the forensic medical examination of mechanical damages. Forensic medical diagnostics of the lifetime and time of the injury.	LW
	3.2 Forensic medical examination of injuries caused by blunt solid objects. Forensic medical examination in cases of falling from a height.	Forensic medical examination of injuries caused by blunt solid objects: classification, the mechanism of causing, the time of the injury. Features of soft tissue injuries caused by blunt objects (abrasions, bruises, wounds). Damage to the musculoskeletal system. Fractures of flat bones. Damages of internal organs. Causes and	LW

		genesis of death due to mechanical damage. Injuries caused by falling from a height: types of falling and mechanisms of damage, morphological characteristics of local and remote injuries, its dependence on height, type of falling and other conditions. Forensic medical examination in cases of falling from height.	
	3.3 Vehicle injuries. Forensic medical examination of injuries caused by sharp items.	Classification of automobile and railway injuries. Mechanisms and phases of damage in various types of automobile and railway injuries. Specific and characteristic injuries. Laboratory research methods in case of traffic injury. Issues to be solved during the forensic medical examination of a traffic injury. The mechanism of formation and morphological signs of damage by sharp tools. Lifetime and postmortem injuries. Causes of death. Self-injuries and injuries caused by another hand.	LW
	3.4 Forensic medical examination of gunshot injuries.	Features of gunshot injuries at different firing distances (shot at close range, shots from close and long range). Signs of an entrance and exit gunshot wound. Types of wound channels. Determining the sequence of shots. Determining the type of weapon that caused the firearm injury. Features of damage due to hunting and homemade guns. Issues to be solved during the forensic	LW

		medical examination of a gunshot injury.	
Section 4. Forensic medical examination of live people. Forensic medical examination of professional offenses of healthcare specialists.	4.1 Forensic medical examination of victims, defendants, and other persons.	Qualifying signs of severe, moderate and mild damage to health. Ways of causing damage to health (beating, torment, torture). Expertise of assessment of loss of general and professional ability to work. Forensic medical documentation.	S
	4.2 Forensic medical examination of sexual crimes.	Reasons for forensic medical expertise of sexual conditions and sexual crimes. Expertise in cases of crimes against sexual integrity and sexual freedom of the individual. Determination of productive capacity and disputed sexual status.	S
	4.3 Forensic medical examination in criminal and civil cases dealing with professional offenses of healthcare specialists.	Professional and vocational crimes of medical specialists. Board and complex forensic medical expertise. Expert commissions, their members, typical issues to be solved during the board examination, the limits of competence. The importance of forensic medical expertise materials for analysis and prevention of defects in the therapeutic and diagnostic work of medical institutions.	S
Section 5. Forensic medical examination of a corpse (forensic examination of a corpse).	5.1 The procedure for the appointment and organization of a forensic medical examination (expertise) of a corpse.	The reasons for forensic medical expertise (examination) of a cadaver. Forensic medical documentation. Principles of formulating a forensic medical diagnosis and conclusions (expert opinion) based on forensic medical expertise (examination) of a cadaver. Preparation	LW

		of a death certificate (ICD). Forensic medical expertise of a sudden death.	
Section 6. Laboratory research methods in forensic medicine. Personal identification in forensic medicine.	6.1 Examination of physical evidence of biological origin.	Examination of biological evidences (blood, semen, saliva, hair). Methods of identification, collecting and packaging of traces and physical evidences of biological origin.	LW
	6.2 Methods of personal identification. Personal ID in cases of emergency situations (mass disasters).	Common personality traits: sex, age, ethnicity, body length and other somatometric signs, antigenic characteristics. A verbal portrait. Particular (individualizing) innate and acquired personality traits. Methods of forensic identification of a person: comparison, photo substitution, sliding, reperage.	LW
Section 7. Forensic medical examination of mechanical asphyxia. Forensic medical examination of fetal corpses and corpses of newborn babies.	7.1 General characteristic of lifetime mechanical asphyxia.	External and internal signs of asphyxia. Classification of mechanical asphyxia.	LW
medical examination of fetal corpses and corpses of newborn babies.	7.2 Types of mechanical asphyxia.	Hanging. Strangulation with a loop. Strangulation with hands. Compression of chest, compression of chest and abdomen. Obturative asphyxia: closing of nostrils and mouth, closure of the airways with foreign objects, powder-like substances, vomit, blood. Drowning and its types. Changes in the corpse under the influence of water and determination of the duration of the corpse's stay in the water. Death in a confined space.	LW
	7.3 Forensic medical	Features of forensic medical examination of a corpse. Questions to be	LW

	examination of the corpse of a newborn baby.	solved (assessment of newborn, full-term, maturity, viability, establishing of live/still birth, duration of extrauterine life, cause of death). Active and passive infanticide.	
Section 8. Forensic medical examination of poisonings.	8.1 General toxicology.	Poisons and poisonings. Condition for the action of poisons. Classification of poisons. Laboratory research methods used in cases of poisoning. Forensic chemical examination and the assessment of its results.	LW
	8.2 Particular toxicology.	Poisoning with acids, alkalis, destructive, haemotropic and functional poisons. Poisoning with ethyl alcohol and its surrogates. Poisonings with narcotic drugs. Bacterial and non-bacterial food poisoning.	LW
Section 9. Forensic medical examination of death due to the influence of physical factors	9.1 Damages due to the action of high temperature. Damages due to the action of low temperature. Damages due to the action of electricity.	General and local manifestations of high and low temperature effects. Examination of corpses found during the fire. The lifetime and postmortem effects of flame. Signs of death from hypothermia. Damages due to by technical electricity. Mechanisms of action of electric current and morphological signs found during examination of a corpse. Damages caused by atmospheric electricity.	LW
	9.2 Radiation trauma and damages from changes in barometric pressure.	Acute radiation sickness. Chronic radiation sickness. Local and general radiation damage. Types of barotrauma: decompression sickness, explosive decompression, altitude sickness. Features of the	LW

		inspection of the accident site in case of radiation injury.	
Section 10.f	Forensic medical diagnostics in cases of sudden death.	10.1 The pathogenesis of sudden death.	The main components of pathogenesis of sudden death. LW
		10.2 Diseases of the cardiovascular system, central nervous system, respiratory system and digestive system.	Coronary heart disease. Atherosclerotic disease. Hypertension. Pneumonia, tuberculosis. LW

* - to be filled in only for **full**-time training: *LC* - lectures; *LW* - lab work; *S* - seminars.

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Classroom equipment and technology support requirements

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
Lab-work	An auditorium for laboratory work, individual consultations, current control and interim certification, equipped with a set of specialized furniture and equipment.	A set of specialized furniture; a mannequin for simulating critical conditions; medical instruments; dummies, anatomical preparations; osteological preparations; histological micro-preparations; Micmed-1 var. 1 microscopes (in the amount of 20 pcs.); Lenovo laptop ThinkBook 15 G2 ITL

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
		20VE00G6RU; projector 3D ViewSonic PJD5234; multimedia presentations; educational anonymized copies of expert opinions, materials of criminal and civil cases.
Computer classroom	A computer classroom for conducting classes, group and individual consultations, current control and interim certification, equipped with personal computers (2), a blackboard (screen) and multimedia presentation equipment.	ASUS VivoBook Laptop M533IA-BN289T (2 pcs.), interactive panel, Virtual Simulation Trainer "Examination of a Corpse at the Scene of Discovery."
Seminar	Classroom for seminars, group and individual consultations, monitoring and mid-term assessment, equipped with a set of specialized furniture and multimedia presentation equipment.	A set of specialized furniture; a mannequin for simulating critical conditions; medical instruments; dummies, anatomical preparations; osteological preparations; histological micro-preparations; Micmed-2 microscope; Lenovo monoblock; Epson EHTW5600 projector; interactive panel; multimedia presentations; educational anonymized copies of expert opinions, materials of criminal and civil cases.

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
Self-studies	Classroom for self-studies (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with stable wireless Internet connection.	A set of specialized furniture, a laptop ASUS VivoBook M533IABN289T, interactive panel, medical instruments, critical condition simulation dummy

* - the classroom for self-studies work of students is **MANDATORY!**

7. RESOURCES RECOMMENDED FOR COURSE STUDY

a) Main readings:

1. Forensic medicine: textbook / D.V. Sundukov, E.H. Barinov, A.M. Golubev [et al.]. - Electronic text data - Moscow: RUDN University, 2025. - 724 p.: ill. - ISBN 978-5-209-12328-6: 135.06. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=530783&idb=0. 30 copies.
2. Forensic medical examination of stab wounds: a textbook / E.H. Barinov, A.R. Bashirova, M.V. Breskun, P.S. Velenko, R.E. Kalinin, A.V. Smirnov, D.V. Sundukov, E.V. Fokina.; edited by E. H. Barinov, M.V. Breskun, D.V. Sundukov. - Electronic text data. - Moscow: RUDN University, 2026. - 101 p. 50 copies.
3. Forensic medical examination in cases of the quality of medical care: a textbook / E.H. Barinov, R.E. Kalinin, D.V. Sundukov, M.D. Guseva ; edited by E.H. Barinov, D.V. Sundukov. - Electronic text data. - Moscow : RUDN University, 2025. - 161 p. : ill. - ISBN 978-5-209-12591-4:31.86. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=525340&idb=0. 10 copies.
4. Forensic thanatology. Determination of criteria for the duration of the postmortem period: forensic entomological and photocolormetric diagnostics : a textbook / E. H. Barinov, A. R. Bashirova, R. E. Kalinin [et al.] ; edited by E.H. Barinov, D.V. Sundukov. - Electronic text data. - Moscow: RUDN University, 2025. - 134 p.: ill. - ISBN 978-5-209-12592-1: 27.52. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=525336&idb=0. 10 copies.
5. Forensic medical examination in civil proceedings in "medical" cases : a textbook / E.H. Barinov, A.R. Bashirova, R.E. Kalinin [et al.]; edited by E.H. Barinov, D.V. Sundukov. - Electronic text data. - Moscow : RUDN University, 2023. - 201 p. : ill. - ISBN 978-5-209-11764-3: 162.97. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=515835&idb=0. 10 copies.
6. The limits of an expert's competence in the study of documents based on the materials of "medical" cases: a textbook / E.H. Barinov, A.R. Bashirova, R.E. Kalinin [et al.]; edited by

- E.H. Barinov, D.V. Sundukov. - Electronic text data. - Moscow: RUDN University, 2023. - 210 p.: ill. - ISBN 978-5-209-11963-0: 234.71. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=516867&idb=0. 10 copies.
7. Methods of radiation diagnostics during the examination of living persons: a textbook / E.H. Barinov, A.R. Bashirova, V.K. Dadabaev [et al.] ; edited by E.H. Barinova, D.V. Sundukova. - Electronic text data. - Moscow : RUDN University, 2023. - 165 p.: ill. - ISBN 978-5-209-11430-7: 160.64. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=510032&idb=0. 65 copies.
 8. The validity of the conclusion of a forensic medical examination on "medical" cases: a textbook / E.H. Barinov, A.R. Bashirova, R.E. Kalinin [et al.] ; edited by E.H. Barinov, D.V. Sundukov. Moscow : RUDN University, 2022. 155 p. ISBN 978-5-209-11019-4. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=507062&idb=0. 45 copies.
 9. Forensic medical examination of sudden death: a textbook / D.V. Sundukov, A.M. Golubev, A.R. Bashirova, A.V. Smirnov. - Electronic text data. - Moscow : RUDN University, 2021. - 73 p.: ill. - ISBN 978-5-209-11242-6. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=505899&idb=0. 80 copies.
 10. Forensic medical examination of living persons : a textbook / D.V. Sundukov, E.H. Barinov, P.O. Romodanovsky [et al.]. - Electronic text data. - Moscow: RUDN University, 2021. - 121 p.: ill. - ISBN 978-5-209-10211-3. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=496180&idb=0. 3 copies.
 11. Forensic medical examination in cases of death from exposure to technical and atmospheric electricity : a textbook / E.H. Barinov, D.V. Sundukov, P.O. Romodanovsky [et al.]. - Electronic text data. - Moscow : RUDN University, 2021. - 107 p.: ill. - ISBN 978-5-209-10455-1. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=499795&idb=0. 75 copies.
 12. Criminal liability for crimes related to the violation of professional duty by medical workers: a textbook / E.H. Barinov, D.V. Sundukov, P.O. Romodanovsky [et al.]. - Electronic text data. Moscow: RUDN University, 2020. 88 p. ISBN 978-5-209-09665-8. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Link_FindDoc&id=488032&idb=0. 5 copies.
 13. Forensic medical examination in cases of disputed sexual conditions and sexual crimes : an educational and methodical manual / E.H. Barinov, P.O. Romodanovsky, E.N. Cherkalina [et al.]. - Electronic text data. - Moscow: RUDN University, 2020. - 67 p.: ill. - ISBN 978-5-209-10378-3. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=496453&idb=0. 3 copies.
 14. Forensic medical examinations in civil proceedings: a textbook / E.H. Barinov, D.V. Sundukov, A.V. Kovalev, O.L. Romanova. - Electronic text data. - M. : RUDN University, 2019. - 104 p.: ill. - ISBN 978-5-209-08875-2. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=476541&idb=0. 73 copies.
 15. Forensic medical examination of mechanical asphyxia: a textbook for students, clinical residents and postgraduates / D.V. Sundukov, E.H. Barinov, D.V. Bogomolov [et al.]. - Electronic text data. - Moscow: RUDN University, 2019. - 82 p.: ill. - ISBN 978-5-209-09592-7. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=487076&idb=0
 16. Forensic medical examination in case of carbon monoxide poisoning: a textbook / D.V. Sundukov, E.H. Barinov, O.L. Romanova. - Electronic text data. - M.: RUDN University, 2018. - 46 p. - ISBN 978-5-209-08632-1. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=470319&idb=0.
 17. Forensic medical examination of skeletonized remains: a textbook / D.V. Sundukov, E.H. Barinov, A.V. Smirnov. - Electronic text data. - M.: RUDN University, 2018. - 46 p.: ill. -

- ISBN 978-5-209-08805-9. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=468678&idb=0. 84 copies.
18. Forensic medical examination of poisoning: an educational and methodical manual / D.V. Sundukov, E.H. Barinov, O.L. Romanova. - Electronic text data. - M.: RUDN University, 2017. - 58 p. - ISBN 978-5-209-07965-1. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=460121&idb=0. 10 copies.
19. Forensic medicine: a short course: a textbook / E.H. Barinov, P.O. Romodanovsky, D.V. Sundukov, O.L. Romanova. - Electronic text data. - M.: RUDN University, 2017. - 288 p.: ill. - ISBN 978-5-209-07480-9. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=464010&idb=0. 75 copies.

6) Additional readings

1. Forensic osteology : an educational and methodical manual: in 2 parts. Part 2 / D.V. Sundukov, E.H. Barinov, A.V. Smirnov. - Electronic text data. - Moscow : RUDN University, 2020. – 65 p.: ill. - ISBN 978-5-209-10384-4. - ISBN 978-5-209-09590-3. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=495755&idb=0. 53 copies.
2. Forensic medicine in diagrams and drawings: a textbook / P.O. Romodanovsky, E.H. Barinov. - Electronic text data. - M.: Prospekt, 2019. - 576 p.: ill. – ISBN. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=476811&idb=0. 5 copies.
3. Identification of a person by the features of the structure of teeth and dentition: a textbook / E.H. Barinov, A.I. Manin, P.O. Romodanovsky [et al.]. – Electronic text data. Moscow : RUDN University, 2019. 124 p. (in Russian) ISBN 978-5-209-09407-4. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=481405&idb=0. 3 copies.
4. Forensic osteology: an educational and methodical manual : in 2 parts. Part 1 / D.V. Sundukov, E.H. Barinov, A.V. Smirnov. - Electronic text data. - Moscow : RUDN University, 2019. - 64 p. : ill. - ISBN 978-5-209-09591-0. - ISBN 978-5-209-09590-3: 93.49. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=487077&idb=0. 87 copies.
5. The history of forensic medicine in foreign countries : an educational and methodological guide manual / D.V. Sundukov, E.H. Barinov, A.V. Smirnov. - Electronic text data. Moscow: RUDN University, 2017. 62 p. ISBN 978-5-209-07964-4. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=460189&idb=0. 10 copies.
6. Forensic medicine: a textbook for students of medical faculties / E.H. Barinov, P.O. Romodanovsky, D.V. Sundukov. - Electronic text data. - M. : RUDN University, 2015. - 467 p. - ISBN 978-5-209-05767-3. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=433100&idb=0. 5 copies
7. Forensic medical examination of a corpse and forensic medical documentation: a textbook for students of medical universities / E.H. Barinov, D.V. Sundukov, P.O. Romodanovsky. - Electronic text data. - M.: RUDN University, 2015. - 77 p. - ISBN 978-5-209-05768-0. https://mega.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=433100&idb=0. 5 copies.

Resources of the Internet information and telecommunication network:

1. RUDN University ELS and third-party ELS, to which RUDN students have access on the basis of concluded contracts:

- Electronic library system of RUDN – ELS RUDN
<http://mega.rudn.ru/MegaPro/Web>
- ELS «University Library online» <http://www.biblioclub.ru>
- ELS «Yurayt» <http://www.biblio-online.ru>
- ELS «Student Consultant» www.studentlibrary.ru
- ELS «Znaniy» <https://znaniy.ru/>

2. Databases and search engines:

- Sage <https://journals.sagepub.com/>
- Springer Nature Link <https://link.springer.com/>
- Wiley Journal Database <https://onlinelibrary.wiley.com/>
- Научометрическая база данных Lens.org <https://www.lens.org>

Educational and methodological materials for students' independent work in mastering the discipline/module:*

1. A course of lectures on the discipline «Forensic medicine».

* - all educational and methodological materials for students' independent work are placed in accordance with the current procedure on the discipline page in the TUIS!

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