F-Educational plan of practice

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**APPROVED BY** 

by the decision of the Academic Council of the USU Institute of Medicine, Ecology and Physical Culture

18.05.2022 Record No. 9/239

Chairman

/ Midlenko V.I. (Signature, Name)

May, 18, 2022.

# EDUCATIONAL PLAN OF THE PRACTICE

"Work practical training"

Practice	"Physician Assistant of an inpatient facility"
Method and form	Steady-state form, work experience
Faculty	Medicine named after T.Z. Biktimirov
Name of department	Faculty Therapy
Course	4

Direction (specialty) 31.05.01 General medicine (specialty level)

(code of direction (specialty), full name)

Orientation (profile) not provided

(full name)

Form of training full-time

Date of introduction into the academic process at Ulyanovsk State University 1.09.2022

Revised at the Department meeting, Record No. 9 of 28.04.2023 Revised at the Department meeting, Record No. 9 of 16.04.2024

Revised at the Department meeting, Record No. \_\_\_\_\_\_of \_\_\_\_ «\_\_\_» 20\_\_

Information about developers

Initials	Abbreviation of the department	Degree, scientific rank	
Pavlova Julia Michailovna	Faculty Therapy	PhD, Associate Professor	

Agreed Head of the graduating Department /Vize-Khripunova M.A./ Full name Signatur April, 29, 2022

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#### 1. OBJECTIVES AND AIM

**Objective** is the formation and consolidation of general professional and professional competencies, the study of the organization of the hospital, mastering the main activities of a general practitioner, a surgeon and an obstetrician-gynecologist of an inpatient institution.

#### **Practice aims:**

- 1. To get acquainted with the structure and organization of work of hospitals of a therapeutic, surgical and obstetric-gynecological profile;
- 2. To get acquainted with the main indicators of the hospital's activity, the regulatory documents governing the work of the medical facility;
- 3. To study the functional duties of a doctor working in a hospital environment;
- 4. To study tactical, legal and organizational issues of the work of a hospital doctor;
- 5. Acquaintance with the filling out and maintenance of medical records (medical history, certificates of incapacity for work, referral to MSEC, prescription, medical prescriptions, discharge epicrisis)
- 6. Mastering the main stages of treatment and diagnostic work with patients in a hospital setting, in the process of independent medical activity under the control and correction of it by a teacher who conducts practical training.
- 7. Assimilation and consolidation of practical skills and abilities on the mannequin and at the patient's bedside.
- 8. Formation of the ability to make and substantiate a clinical diagnosis, to carry out differential diagnosis of the main and concomitant diseases.
- 9. Master the use of various rehabilitation measures;
- 10. Study the indications for surgical treatment;
- 11. Master the technique of emergency care for patients;
- 12. Conducting sanitary and educational work among patients.

In the course of the internship, all theoretical knowledge, practical skills and abilities acquired by students in the study of clinical disciplines of a therapeutic profile in the classroom throughout the academic year at the departments of obstetrics-gynecology, faculty therapy and surgery should be used, concretized and replenished (7-8 semesters).

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

The practical training program "Physician Assistant of an inpatient facility" refers to the compulsory part of the professional practice B2.O.11 (P) and takes place in the  $8^{th}$  semester in accordance with the Federal State Educational Standard of Higher Education and the Working Curriculum of the specialty 31.05.01 "General Medicine", approved by the Chancellor of Ulyanovsk State University (order No. 988 dated 08/12/2020).

Requirements for the input knowledge, skills and competencies of students necessary for studying the discipline are formed:

-when studying the disciplines of the humanitarian, social and economic line: philosophy, bioethics, history of medicine, psychology and pedagogy, law, Latin;

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Ulyanovsk State University
Institute of Medicine, Ecology and Physical Culture
Faculty of Medicine named after Biktimirov T.Z.
F-Educational plan of practice

The form



-when studying the disciplines of the math's and science line: physics and math; medical informatics; chemistry; biology; biochemistry; human anatomy, topographic anatomy; pathological anatomy, clinical pathological anatomy; histology, embryology cytology; normal physiology; pathophysiology; microbiology, virology; pharmacology; immunology;

- when studying disciplines of the professional cycle: hygiene; propedeutics of internal diseases, medical rehabilitation, general surgery, surgical diseases; dentistry, dermatovenerology, neurology, medical genetics and neurosurgery, otorhinolaryngology, pediatrics, faculty Surgery, obstetrics and gynecology, faculty therapy, modern aspects of neurology, urology and andrology;
  - various types of practical training after 1-3 courses.

The study of the section is preceding for the disciplines: ophthalmology, occupational diseases, psychiatry, medical psychology; endocrinology, hospital therapy, infectious disease, traumatology and orthopedics; outpatient therapy, hospital surgery, pediatric surgery; forensic medicine, epidemiology, anesthesiology, resuscitation and intensive care; clinical pharmacology, oncology and radiation therapy; radiation diagnostics, pulmonary tuberculosis. The professional practice is the previous section for the state final certification of students.

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

The study of the practical training "Physician Assistant of an inpatient facilities" within the completion of the educational program is directed towards the formation of the following general and professional competences in students:

Code and name of the	Code and name of the indicator of achievement of general				
general professional	professional competence				
competence					
<b>GPC</b> -5 - able to assess	Indicator for achieving -1 (IfA-1)				
morphofunctional,	Know: anatomical and physiological, age, sexual and individual				
physiological states and	features of the structure and development of a healthy and sick				
pathological processes in the	organism; functional systems of the human body, their				
human body to solve	regulation and self-regulation in norm and pathology; the				
professional issues	development of cause-and-effect relationships in the pathology				
	of the whole organism; the importance of reactivity of the				
	organism in the occurrence, development and outcome of typical				
	pathological processes and diseases; pathogenesis and				
	sanogenesis patterns of typical pathological processes and				
	diseases; stages of development of typical pathological processes				
	and diseases, their complications and outcomes; syndromes and				
	symptoms of the most common diseases; etiotropic, pathogenetic				
	and symptomatic principles of treatment of typical pathological				
	processes and diseases.				
	IfA - 2				



Be able to: conduct a physical examination of the patient (survey, examination, palpation, percussion, auscultation) to assess the anatomical and functional state of the body in normal and pathological conditions; be able to explain the origin of the detected deviations from the norm and associate them with the pathology of a certain organ or system; register and evaluate the results of electrocardiography; spirometry; thermometry; indicators; distinguish normal hematological values metabolite levels in blood serum (glucose, urea, bilirubin, uric acid, lactic and pyruvic acids, etc.), evaluate the proteinogram, interpret the data of enzymological studies of blood serum; explain the mechanisms of development and manifestations of diseases, as well as the mechanisms of action of various principles of treatment and prevention; recognize changes in the structure of cells, tissues and organs in connection with various physiological and pathological reactions of the body; to carry out cytological assessment of inflammatory exudate, to calculate and analyze the leukocyte formula; to analyze coagulogram indicators; to justify the need for additional laboratory and instrumental methods of examination of the patient.

IfA - 3

Have a skills in: interpretation of the results of the most common methods of functional diagnostics used to detect pathology of blood, heart and blood vessels, lungs, kidneys, liver and other organs and systems; methods of physical examination of the patient.

PC - 1 - Willingness to participate in giving emergency assistance during conditions requiring urgent medical intervention

# IfA - 1

Know: the main causes of conditions requiring urgent medical intervention in obstetric-gynecological, therapeutic and surgical practice, their differential diagnosis, as well as the tactics of providing emergency medical care in such conditions

IfA - 2

Be able to: provide emergency medical care in conditions requiring urgent medical intervention, in obstetric-gynecological, therapeutic and surgical practice

IfA - 3

Have a skills in: algorithms for the provision of emergency medical care in obstetric-gynecological, therapeutic and surgical practice with threatening conditions

**PC - 2 -** Readiness to collect and analyze patient complaints, data from their medical history, survey results, laboratory, instrumental. post-mortem other studies and determine a state or establish

#### IfA - 1

### Know:

- diagnostic methods, diagnostic capabilities of methods of direct examination of a patient of a therapeutic, surgical and obstetricgynecological profile;
- -modern methods of clinical, laboratory, instrumental examination of patients (including endoscopic, radiological methods, ultrasound diagnostics);

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Institute of Medicine, Ecology and Physical Culture
Faculty of Medicine named after Biktimirov T.Z.

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	e able to: etermine the patient's status: collect anamnesis, interview the
-d	*
pa th  re di  - t th  re lf  Ha  - r ex au  - ir	atient and / or his relatives, conduct a physical examination of the patient (examination, palpation, auscultation); to conduct a primary examination of systems and organs: spiratory, cardiovascular, blood and hematopoietic organs, gestive, endocrine and urinary; to outline the volume of additional studies in accordance with the prognosis of the disease, to clarify the diagnosis and obtain a liable result; A - 3 ave a skills in: methods of general clinical objective examination (questioning, tamination, palpation, percussion, ascultation) for diseases of internal organs; interpretation of the results of laboratory, instrumental agnostic methods for pathology of internal organs

# 4. Place and date of the practice

Professional practice is carried out at the clinical bases of the Institute of Medicine, Ecology and Physical Culture in medical facilities of the Ulyanovsk region. Clinical facilities have the necessary human and scientific and technical resources that meets the requirements of the Federal State Educational Standard of Higher Education 3++. The main activity of medical institutions provides facilities and professional activities for graduates in the direction of hands-on training the specialty 05.31.01 "General Medicine".

The professional practice "Physician Assistant of an inpatient facility" takes place at the follow medical facilities:

- GUZ "Regional Clinical Hospital No. 1" Ulyanovsk, III Internationala st., 20
- GUZ "Central Clinical Medical and Sanitary Unit" Ulyanovsk, Likhacheva st., 12
- GUZ "Central City Clinical Hospital" Ulyanovsk, Orenburgskaya st., 27
- GUZ "Ulyanovsk Regional Clinical Center for Specialized Types of Medical Care" Ulyanovsk, Ryleeva st., 30
- GUZ "Ulyanovsk Regional Hospital of War Veterans", Ulyanovsk, Kuznetsova st., 26
- GUZ UOKDB Perinatal Center "Mama", Ulyanovsk, Radishcheva st., 48
- GUZ "City Clinical Hospital No. 1", Ulyanovsk, Doctor Surov Ave., 4

Some of the practical skills and abilities are preliminarily mastered in the simulation center of the Institute of Medicine, Ecology and Physical Culture before the distribution of students to medical facilities. The practice is followed with the direct guidance by the staff of the Department of Obstetrics and Gynecology, the Faculty Surgery Department, and the Faculty Therapy Department.

The time frame for practical training, in accordance with the calendar study schedule is  $8^{th}$  semester.



# 5. Content of Practice

Total volum	Duration of practice	
Credit units Hours		Weeks
6	216	4

# 6. The structure and workload

	6. The structure and workload					
Nº	Name of sections and	The form of practice,	Total	The	Form of	
	themes	including independent work		amount of	current	
				hours of	control	
				contact		
				work of the		
				student		
				with the		
				teacher		
		Preparatory stage of pract	tice	teacher		
1.	Organization of work in	Holding an organizational	2	2	Entry in the	
1.	hospital institutions	meeting and a briefing on the	2	2	log of visits.	
	nospital institutions	requirements of occupational			Personal	
		health safety and fire safety.			signature in	
		Students allocation by medical			the safety	
		institution units.			briefing	
		Formulating the work and duty			journal	
		shifts schedule.			Practical	
		Getting acquainted with the			training diary	
		technical and legal procedures				
		of professional practice and the				
		rules of internal working order				
		in the specialised medical				
		facilities.				
		Getting individual practice				
		assignment and essay topic.				
2.	Lecture: Prevention of	Study of ways of HIV infection	2	2	Log entry	
	HIV infection in a	spreading and methods of				
	hospital care.	prevention in a hospital care for				
		medical practitioners.				
		Mastering stage				
3.	Simulation class	Mastering of practical skills on	16	7	Practical	
		mannequins or Human Patient			skills	
		Simulators with walking through			demonstration	
		how to use obstetrical,			Practical	
		gynecological, surgical and			training diary	
		therapeutical interventions in				
		during real-life patient care.				
	TD	The Internal Medicine ro			D .: 1	
4.	Participation in medical	1. The primary survey of the	24	1	Practical	
	care providing treatment	patients with internal disease,			training diary	
	and prevention to the	keeping medical records (with a				
	adult population	staff mentor doctor supervision).				
	requiring	2. Daily working with patients in				
	institutional care.	a clinical context, assisting				



			ı	1	
		physicians during procedures,			
		and performing light medical			
		procedures			
		3. Results studying of			
		examination in medical history,			
		formulation a preliminary			
		diagnosis, making a plan of			
		additional (laboratory-			
		instrumental) researches,			
		defining treatment tactics,			
		choosing of optimal			
		combination of medicines in			
		view of their action mechanism,			
		compatibility and individual			
		features of the patient under the			
		supervision of ward doctor.			
		4. Patient education and outreach			
		about a healthy lifestyle.			
		5. Completing of practice			
		training diaries.			
		6. Training a medical mindset to			
		understand the theories, reasons,			
		and technical aspects of internal			
		medicine during patient			
_	Practice in functional	exposure.	20	1	Practical
5.	diagnostics units of	Participation in diagnostic tests and functional studies, results	20	1	training diary
	therapeutic institution.	interpretation, medical records			Cases check
	therapeutic institution.	with the guidance of a staff			Cases check
		doctor tutor in therapeutic			
		institution.			
		Participation in ultrasound			
		examinations, CT and MRI of			
		internal organs pathology.			
6.	Mastering first aid		11	1	Practical
0.	rendering and urgent				training diary
	relief for patients with	room. Participation in the			
	internal disease in	intensive care unit work.			
	hospital.	Drawing up a drug list for			
	•	urgent relief and first aid			
		rendering. Medical records			
		keeping.			
7.	Research activity.	Essay writing	5	-	Essay check
8.	The Internal Medicine	1. Filling the practical training	2	-	Practical
	clinical rotation set-off.	diary.			training diary
		2. Practice-focused interview	2	1	Set-off cases
		The General Surgery clinical			
9.	Participation in medical	1.The primary survey of the	24	1	Practical
	care providing treatment	patients with surgery disease,			training diary
	and prevention to the	keeping medical records and			Management
	adult population	patient's operative notes (with a			of cases
	requiring surgical	staff mentor doctor supervision).			



					,
	institutional care.	2. Daily working with patients			
		in a clinical context, assisting			
		surgeons during procedures, and			
		performing light surgical			
		procedures such as dressing			
		wounds after operation.			
		3. Work in the operating room,			
		assistance in operations;			
		participation in surgical			
		manipulations with patients.			
		4. Results studying of			
		examination in surgical			
		department, formulation a			
		preliminary diagnosis, making a			
		plan of additional (laboratory-			
		instrumental) researches,			
		, · · · · · · · · · · · · · · · · · · ·			
		defining treatment tactics,			
		choosing of optimal			
		combination of medicines in			
		view of their action mechanism,			
		compatibility and individual			
		features of the patient under the			
		supervision of ward doctor.			
		5. Patient education and			
		outreach about a healthy			
		lifestyle.			
		6. Completing of practice			
		training diaries.			
		7. Training a medical mindset to			
		understand the theories, reasons,			
		and technical aspects of surgery			
		during patient exposure.			
10.	Practice in functional	Participation in diagnostic tests	20	1	Practical
	diagnostics units of	and functional studies, results			training diary
	surgical	interpretation, medical records			Management
	institution.	with the guidance of a staff			of cases
		doctor tutor in surgical			
		institution.			
		Participation in ultrasound			
		examinations, CT and MRI in			
		surgical pathology.			
11.	Mastering first aid	Participation in the providing	11	1	Practical
11.	rendering and urgent	urgent care in the emergency	11	1	training diary
	relief for patients in	room. Participation in the			Management
	•	1			of cases
	surgical				of cases
	institution.	Drawing up a drug list for			
		urgent relief and first aid			
		rendering. Medical records			
		keeping in surgical			
		institution.			
10	D	Eitin-			F 1 1
12.	Research activity.	Essay writing.	5	-	Essay check



13.	The General Surgery	1. Filling the practical training	2	_	Practical
13.	clinical rotation set-off.	diary.			training diary
	emilical foldation set off.	2. Practice-focused interview	2	1	Set-off cases
		The Ob/Gyn clinical rot			200 311 04303
14.	Participation in medical	1.The primary survey of	24	1	Practical
	care to the pregnancy	pregnancy women, keeping			training diary
	women care.	medical records of labor and			Management
		pregnancy (with a staff mentor			of cases
		doctor supervision).			
		2. Daily working with women in			
		health and pathological			
		pregnancy, assisting physicians			
		during obstetrics procedures,			
		and performing light			
		gynecological procedures.			
		3. Work in the operating room,			
		assistance in gynecological			
		operations and caesarean			
		section; participation in obstetrics and gynecological			
		obstetrics and gynecological manipulations with women,			
		filling women's operative notes.			
		4. Results studying of			
		examination in obstetrics and			
		gynecological department,			
		formulation a preliminary			
		diagnosis, making a plan of			
		additional (laboratory-			
		instrumental) researches,			
		defining treatment tactics,			
		choosing of optimal			
		combination of medicines in			
		view of their action mechanism,			
		compatibility and individual			
		features of the patient under the			
		supervision of ward doctor.			
		5. Pregnancy women education			
		and outreach about a healthy			
		lifestyle and pregnancy course.			
		6. Completing of practice training diaries.			
		7. Training a medical mindset to			
		understand the theories, reasons,			
		and technical aspects of			
		obstetrics and gynecology			
		during woman exposure.			
15.	Practice in functional	Participation in diagnostic tests	20	1	Practical
	diagnostics of the health	and functional studies, results			training diary
	pregnancy, pathology of	interpretation, medical records			Management
	pregnancy and in the	with the guidance of a staff			of cases
	labor and postpartum	doctor tutor in maternity ward.			
	maternity ward.	Participation in ultrasound			



		examinations, MRI in			
		pregnancy.			
16.	Mastering first aid rendering and urgent relief for pregnancy women.	Participation in the providing	11	1	Practical training diary Management of cases
17.	Research activity.	Essay writing.	5	-	Essay check
18.	The Ob/Gyn clinical rotation set-off.	1. Filling the practical training diary.	2	-	Practical training diary
		2. Practice-focused interview.	2	1	Set-off cases
		Final stage of practice			1
19.	Taking stock and grading credit.	1. Filling the practical training report about all blocks of	1	-	Practical training diary
		practice.	1	-	Essay check
		2. Completing essays of all			Practice
		blocks of practice.	1	-	review
		3. Providing feedback-			
		characteristics about all blocks			
		of practice.			
		4. Taking stock and assessment	1	1	
		practical training results			
In to	otal		216	24	

## 7. Scientific research technologies:

The student's scientific research work aims in an integrated manner of all-vocational and professional competencies in accordance with the requirements of the Federal State Educational Standard of Higher Education  $3++ N_{\odot} 988$  from 12.08.2020.

In this section of training, students can:

- study medical literature (medical news, articles, journals, books) and other scientific information on the domestic and foreign successes in the medicine (see the list of references);
- engage in study and scientific research (for students who are the members of the student science club of the medical faculty department);
- collect, process and analyze scientific and technical information on the individual practice assignment.

At the end of each block of practice, the student writes an essay on a given topic.

#### 8. Interim certification

Practical training consists of 3 clinical rotations: the Internal Medicine rotation, the General Surgery rotation and the Ob/Gyn rotation. There are 8 days for the practice as a general practitioner assistant, 8 days for the practice as an obstetrician-gynecologist assistant and 8 days

F-Educational plan of practice

The form



for the practice as a surgical assistant.

The place of practical training for each unit will be determined by the Rector's order, which specifies the period of practical training, names and surnames, indicating the number of study group (subgroup) and the distribution of students to the practical training centers. A student has no the right to change the clinical base and the time of practical training on their own.

The manager of Practical Training from UISU is appointed by the Rector's order on the assignment to the practical training. Each clinical rotation also has an attached mentor, who accepts credit for their practical training section.

The student's work in the certain medical unit is supervised by a staff ward doctor-tutor, the attached mentor from UlSU and the head of the medical unit. The current control is carried out by the ward doctor-tutor, the head of the medical unit and attached mentor from UlSU, who is responsible for practical training. The control includes collaborative bedside rounds, discuss findings of the patient's examination and taking treatment, verify the correct and regularity of filling out the practical training diary.

The practical training diary is written daily and confirmed by the ward doctor-tutor's signature and seal or the head of the medical unit from the health care facility. The feedback on practice review is certified by the deputy chief doctor on medical issues of the health care facility where practice is performed. At the end of the practice, the practical training diary is assured by the seal of the medical institution.

During the hand-on training the student directly participates in the implementation of diagnostic and therapeutic measures specified in the "List of practical skills" in the diary of practice. The degree of student's participation in the work can be different: from presence and observation of the work of the physician at the first stages to independent performance of certain types of work at a later stage. The type of practical skill mastered is recorded in the practical skills column in the practice diary. The practical skills report must be certified by the signature of the ward doctor-tutor, head of department or practice supervisor from the medical institution and their personal stamp.

A duty shift report is drawn up in individual records in the diary, the date of which must correspond to the schedule of the practical experience, certified by the signatures of the staff doctor tutor and their personal stamp. In the section "Individual task" it is necessary to fill in the topic of the research work.

The mentor from UISU (head of a separate clinical rotation), who supervises students hands-on training, assesses the accuracy of the practical training diary and medical records keeping, how students know ICD-X, clinical classifications, standards of medical care and clinical guidelines, checks clinical thinking skills of students and level of the practical skills assimilation by them.

On the last day of the hands-on training, the ward doctor-tutor or the head of the medical unit where the practical training is performed, gives the final feedback on practice review. In this practice review the professional and personal qualities of the student, the level of their mastering practical abilities and communicative skills are noted.

The report on the practice mastering is filled out based on the results of the hands-on Form A

F-Educational plan of practice

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training in the practical skills column in the practice diary. It is digital data, indicating the number of manipulations performed (in total during the practice period) and the degree of their development — was present (observed), took part, performed independently (under the supervision of a doctor). The practical skills report must be signed personally by the student, the ward doctor-tutor or head of medical unit from the medical institution and his/her personal stamp. Signatures should have transcripts.

For the clinical rotation set-off, students should provide the attached mentor from UISU in each clinical rotation with completed accounting documentation on the last day of the separate clinical rotation (individual assignment for practical training (essay), filled practical training diary with report on the practice mastering and the feedback on practice review). The attached mentor of separate clinical rotation check the practice diaries and essays and assesses them on the basis of the results obtained by student through the practical experience and their relevance to the task had been given. The volume and quality of the practice mastering is evaluated based on the amount of points received for rotation practice diary with practice reports and feedback on practice review, and individual practice assignment. According to the summarizing results, the attached mentor of practical training in separate clinical rotation forms a review of the practice report, in which the grade score is given. The credit score is given on a 4-point scale - 5 "excellent", 4"good", 3 "satisfactory" or 2 "unsatisfactory". After analyzing the section progress of all students, the attached preceptor of section hands-on training forms a practice result report.

The final set-off is carried out in the form of a taking stock and grading credit on the last day of practice framework. The manager of practical training from the university conducts the final test based on the reporting documentation for each of the clinical rotation submitted by the student (therapy, surgery, obstetrics and gynecology). The student's report documentation should consists of 3 completed practical training diaries and 3 essays about each clinical rotation. After analyzing the progress of all students, the manager of practical training forms a practice manager's report.

The practice reporting documentation is kept during the entire period of the student's studies at the University.

# 9. EDUCATIONAL-METHODICAL AND INFORMATION SUPPORT OF DISCIPLINE

#### A) List of recommended literature

#### a) Core reading:

- 1. Merzlikin, N. V. Surgical diseases: in 2 vol. Vol. 1.: textbook / N. V. Merzlikin, N. A. Brazhnikova, B. I. Alperovich, V. F. Tskhai. Москва: ГЭОТАР-Медиа, 2021. 360 с. ISBN 978-5-9704-5852-5. Текст: электронный // ЭБС "Консультант студента": [сайт]. URL: https://www.studentlibrary.ru/book/ISBN9785970458525.html.
- 2. Ивашкин, В. Т. Internal diseases propedeutics / V. Т. Ivashkin, A. V. Okhlobystin. Moscow : GEOTAR-Media, 2020. 176 р. 176 с. ISBN 978-5-9704-5555-5. Текст : электронный // ЭБС "Консультант студента": [сайт]. URL: https://www.studentlibrary.ru/book/ISBN9785970455555.html

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F-Educational plan of practice

3 Radzinskiy, V. E. (Радзинский В. Е. ) Gynecology : textbook / ed. by Radzinskiy V. E. , Fuks A. M. - Москва : ГЭОТАР-Медиа, 2020. - 896 с. - ISBN 978-5-9704-5799-3. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : https://www.studentlibrary.ru/book/ISBN9785970457993.html

# b) Supplementary reading:

- 1. Kruchkova, A. V. Care for Surgical Patients / A. V. Kruchkova, Yu. V. Kondusova, I. A. Poletayeva and others; edited by A. V. Kruchkova. Москва: ГЭОТАР-Медиа, 2020. 144 с. ISBN 978-5-9704-5664-4. Текст: электронный // ЭБС "Консультант студента": [сайт]. URL: https://www.studentlibrary.ru/book/ISBN9785970456644.html.
- Eureka: Clinical Skills, Diagnostics and Reasoning. Book Jacket. /Ben Lovell, Mark Lander, Nick Murch. - Banbury, UK: Scion Publishing. 2020. - Resource Type: eBook. - Related ISBNs:9781911510505.9781911510611. URL:https://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=2444769&site=eh ost-live&scope=site&ebv=EB&ppid=pp Cover
- 3. The Washington Manual of Medical Therapeutics Paperback Book Jacket /Zachary Crees Cassandra Fritz Alonso Huedebert Jonas Noe Arvind Rengarajan Xiaowen Wang/. Ed.: 36th edition. Philadelphia: Wolters Kluwer Health. 2020. Related ISBNs: 9781975113483. 9781975113490. URL: https://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=2536698&site=ehost-live&scope=site&ebv=EK&ppid. Resource Type: eBook.
- 4. Strizhakov, A. N. Methodology and methods of educational obstetric history taking: tutorial guide / A. N. Strizhakov, I. V. Ignatko, A. M. Rodionova [et al. ]. Москва: ГЭОТАР-Медиа, 2022. 80 с. ISBN 978-5-9704-6449-6. Текст: электронный // ЭБС "Консультант студента": [сайт]. URL: https://www.studentlibrary.ru/book/ISBN9785970464496.html.
- 5. Smirnova A. Yu. Basis of functional and laboratory diagnostics: textbook of medicine for medicine faculty students / Smirnova A. Yu., V. V. Gnoevykh; Ulyanovsk State University, Insitute of Medicine, Ecology and Physical culture. Ulyanovsk: ULSU, 2018. 163 p.: ill. Текст на англ. яз. URL: <a href="http://lib.ulsu.ru/MegaPro/Download/MObject/1237">http://lib.ulsu.ru/MegaPro/Download/MObject/1237</a>. Режим доступа: ЭБС УлГУ. Текст: электронный.

#### c) Educational and methodical literature

1. Manual for the self-study educational training "Practice for obtaining primary professional skills and abilities of an inpatient doctor" for specialty 31.05.01 "General medicine" / J. M. Pavlova; Ulyanovsk State University. - Ulyanovsk : UlSU, 2022. - 14 р. - Неопубликованный ресурс; На англ. яз. - URL: <a href="http://lib.ulsu.ru/MegaPro/Download/MObject/11623">http://lib.ulsu.ru/MegaPro/Download/MObject/11623</a>. - Режим доступа: ЭБС УлГУ. - Текст : электронный.

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#### B) Software:

- 1. Система «Антиплагиат.ВУЗ»
- 2. OC MicrosoftWindows
- 3. MicrosoftOffice 2016
- 4. Мой Офис Стандартный

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## C) Professed data base, directory and search systems:

#### 1. Electronic library systems:

- 1.1. Цифровой образовательный ресурс IPRsmart: электронно-библиотечная система: сайт /OOO 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://urait.ru. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
- 1.3. Консультант врача. Электронная медицинская библиотека: база данных: сайт/ ООО Высшая школа организации и управления здравоохранением-Комплексный медицинский консалтинг. Москва, [2022]. URL: <a href="https://www.rosniedlib.ru">https://www.rosniedlib.ru</a>. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
- 1.4. Большая медицинская библиотека: электронно-библиотечная система: сайт/ ООО Букап. Томск, [2022]. URL: <a href="https://www.books-up.ru/ru/library/">https://www.books-up.ru/ru/library/</a>. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
- 1.5. ЭБС Лань: электронно-библиотечная система: сайт / ООО ЭБС Лань. Санкт-Петербург, [2022]. URL:https://e.lanbook.com. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
- 1.6. ЭБС Znanium.com: электронно-библиотечная система: сайт /ООО Знаниум. Москва, [2022). URL: <a href="http://znanium.com">http://znanium.com</a>. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
- 1.7. Clinical Collection : научно-информационная база данных EBSCO // EBSCOhost : [портал]. URL: <a href="http://web.b.ebscohost.com/ehost/search/advanced?vid=1&sid=9f57a3e1-191-414b-8763-e97828f9f7e1%40sessionmgr102">http://web.b.ebscohost.com/ehost/search/advanced?vid=1&sid=9f57a3e1-191-414b-8763-e97828f9f7e1%40sessionmgr102</a> . Режим доступа: для авториз. пользователей. Текст: электронный,
- 1.8. Data base «Русский как иностранный»: электронно-образовательный ресурс для иностранных студентов: сайт / ООО Компания «Ай Пя Ар Медиа». Саратов, [2022]. URL: https://ros-edu.ш. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
- **2. ConsultantPlus** [Электронный ресурс]: legal search system. /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): электронная 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: <a href="https://ebsco.smartimagebase.com/?TOKEN=EBSCO-Form A">https://ebsco.smartimagebase.com/?TOKEN=EBSCO-Form A</a>

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# 6. Федеральные информационно-образовательные ресурсы:

- 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: <a href="http://lib.usu.ru/MegaPro/Web.">http://lib.usu.ru/MegaPro/Web.</a> — Режим доступа: для пользователей научной библиотеки. — Текст: электронный.

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# 10. EDUCATIONAL AND METHODICAL AND INFORMATION SUPPORT OF DISCIPLINE

Auditoriums for lectures, seminars, monitoring and intermediate certification, group and individual consultations.

The classrooms are equipped with specialized furniture, a blackboard and equipped with multimedia equipment to provide information to a large audience, tables, samples of documentation of the district doctor and ITU, slides, filmstrips, videos, presentations, training stands.

Equipment: computers, a multimedia projector, a set of obstetric instruments, phantoms, dolls, a simulator "Zoya" (GD / F56 highly intelligent digital system-simulator of obstetric and gynecological skills controlled by a computer) with dummies of the uterus and a dummy of a newborn (simulation class), a phantom of the perineum (simulation class), forearm phantom for the introduction of Implanon, ultrasound machine "Aloka-500", colposcope, hysteroscope, phonendoscopes, blood pressure measuring devices, ECG apparatus Poly-Specr-8 / EX (12-channel miniature wireless electrocardiograph), device for daily monitoring of blood pressure, ultrasound machine "Toshiba Aplio 300".

The list of equipment used in the educational process is indicated in accordance with the information about the material and technical support and equipment of the educational process, posted on the official website of UlSU in the section "Information about the educational organization".

## 11. 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

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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.

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."

Developer	PHI	D, Associate professor of Faculty	Therapy Department	J. M. Pavlova
	signature	position		full name

F-Educational plan of practice

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# LIST OF CHANGES of Educational plan of practice "DOCTOR ASSISTANT" Speciality 31.05.01. «General medicine»

№	Content of the change	Full name of the head of the	Signature	Date
	or a link to the	Department developing the		
	attached text of the	discipline		
1	Introduction of changes to item C) Professional	Vize-Khripunova M.A.	M sch. V	28/04/23
	databases, information and reference systems item 9 "Educational,		Su. ogeny_	
	methodological and information support of the			
	discipline" with the design of Appendix 1			0
2	Introduction of changes to item A) Recommended Literature item 9	Vize-Khripunova M.A.	M. OGeenf	28/04/23
	"Educational, methodological and		/ /	
	information support of the discipline" with the design			
	of Appendix 2			

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Appendix 1

# A) List of recommended literature

# a) Core reading:

- 3. Merzlikin, N. V. Surgical diseases: in 2 vol. Vol. 1.: textbook / N. V. Merzlikin, N. A. Brazhnikova, B. I. Alperovich, V. F. Tskhai. - Москва: ГЭОТАР-Медиа, 2021. - 360 с. -ISBN 978-5-9704-5852-5. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL: https://www.studentlibrary.ru/book/ISBN9785970458525.html.
- 4. Ивашкин, В. Т. Internal diseases propedeutics / V. T. Ivashkin, A. V. Okhlobystin. -Moscow: GEOTAR-Media, 2020. - 176 р. - 176 с. - ISBN 978-5-9704-5555-5. - Текст: ЭБС "Консультант электронный // студента": [сайт]. URL: https://www.studentlibrary.ru/book/ISBN9785970455555.html
- 3 Radzinskiy, V. E. (Радзинский В. Е. ) Gynecology: textbook / ed. by Radzinskiy V. E., Fuks A. M. - Москва : ГЭОТАР-Медиа, 2020. - 896 с. - ISBN 978-5-9704-5799-3. - Текст : электронный ЭБС "Консультант студента" [сайт]. URL https://www.studentlibrary.ru/book/ISBN9785970457993.html

## b) Supplementary reading:

- 6. Kruchkova, A. V. Care for Surgical Patients / A. V. Kruchkova, Yu. V. Kondusova, I. A. Poletayeva and others; edited by A. V. Kruchkova. - Москва: ГЭОТАР-Медиа, 2020. - 144 с. - ISBN 978-5-9704-5664-4. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL: https://www.studentlibrary.ru/book/ISBN9785970456644.html.
- 7. Strizhakov, A. N. Methodology and methods of educational obstetric history taking: tutorial guide / A. N. Strizhakov, I. V. Ignatko, A. M. Rodionova [et al. ]. - Москва: ГЭОТАР-Медиа, 2022. - 80 с. - ISBN 978-5-9704-6449-6. - Текст : электронный // ЭБС "Консультант студента" [сайт]. **URL** https://www.studentlibrary.ru/book/ISBN9785970464496.html.
- 8. Smirnova A. Yu. Basis of functional and laboratory diagnostics: textbook of medicine for medicine faculty students / Smirnova A. Yu., V. V. Gnoevykh; Ulyanovsk State University, Insitute of Medicine, Ecology and Physical culture. - Ulyanovsk: ULSU, 2018. - 163 p.: ill. -Текст на англ. яз. URL: http://lib.ulsu.ru/MegaPro/Download/MObject/1237 . - Режим доступа: ЭБС УлГУ. - Текст : электронный.

#### c) Educational and methodical literature

1. Manual for the self-study educational training "Practice for obtaining primary professional skills and abilities of an inpatient doctor" for specialty 31.05.01 "General medicine" / J. M. Pavlova; Ulyanovsk State University. - Ulyanovsk: UlSU, 2022. - 14 р. - Неопубликованный ресурс; На англ. яз. - URL: http://lib.ulsu.ru/MegaPro/Download/MObject/11623. - Режим доступа: ЭБС УлГУ. - Текст : электронный. AGREED:

Leading specialist of the scientific library of ULSU/ Stadolnikova D.R.

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Appendix 2

#### **B)** Software:

- 1. Система «Антиплагиат.ВУЗ»
- 2. OC MicrosoftWindows
- 3. MicrosoftOffice 2016
- 4. Мой Офис Стандартный
- C) Professed data base, directory and search systems:
- 8. Electronic library systems:
- 8.1. 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.
- 8.2. Образовательная платформа ЮРАЙТ: образовательный ресурс, электронная библиотека сайт / ООО Электронное издательство ЮРАЙТ. Москва, [2023]. URL: https://urait.ru. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
- 8.3. База данных «Электронная библиотека технического ВУЗа (ЭБС «Консультант студента»:электронная библиотечная система: сайт/ ООО»Политехресурс». Москва, [2023]. <u>URL:https://www/studentlibrary.ru/cgi-bin/mb4x.</u> Режим доступа: для зарегистрированных пользователей. Текст электронный.
- 8.4. Консультант врача. Электронная медицинская библиотека: база данных: сайт/ ООО Высшая школа организации и управления здравоохранением-Комплексный медицинский консалтинг. Москва, [2023]. URL: <a href="https://www.rosniedlib.ru">https://www.rosniedlib.ru</a>. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
  - 8.5. Большая медицинская библиотека: электронно-библиотечная система: сайт/ ООО Букап. Томск, [2022]. URL: <a href="https://www.books-up.ru/ru/library/">https://www.books-up.ru/ru/library/</a>. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
- 8.6. ЭБС Лань: электронно-библиотечная система: сайт / ООО ЭБС Лань. Санкт-Петербург, [2023]. URL: <a href="https://e.lanbook.com">https://e.lanbook.com</a>. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
- 8.7. ЭБС Znanium.com: электронно-библиотечная система: сайт /ООО Знаниум. Москва, [2023). URL: <a href="http://znanium.com">http://znanium.com</a>. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
  - **9. ConsultantPlus** [Электронный ресурс]: legal search system. /ООО «Консультант Плюс» Электрон. дан. Москва: КонсультантПлюс, [2023).

# 10. Базы данных периодических изданий:

- 10.1. eLIBRARY.RU: научная электронная библиотека: сайт / ООО Научная Электронная Библиотека. Москва, [2023]. URL: http://elibrary.ru. Режим доступа: для авториз. пользователей. Текст: электронный.
- 10.2. Электронная библиотека «Издательского дома «Гребенников» (Grebinnikon): электронная библиотека / ООО ИД Гребенников. Москва, [2023]. URL:

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https://id2.action- media.ru/Personal/Products. — Режим доступа: для авториз.пользователей. — Текст электронный.

- **11.** Федеральная государственная информационная система «Национальная электронная библиотека»: электронная библиотека: сайт / ФГБУ РГБ. Москва, [2023]. URL: <a href="https://həб.pф">https://həб.pф</a>. Режим доступа: для пользователей научной библиотеки. Текст: электронный.
  - 12. Федеральные информационно-образовательные ресурсы:
  - 12.1. Российское образование: федеральный портал/ учредитель ФГАУ «ФИЦТО» URL: <a href="http://www.edu.ru">http://www.edu.ru</a> Текст: электронный.
- **13.** Электронная библиотечная система УлГУ: модуль «Электронная библиотека» АБИС Мега-ПРО / ООО «Дата Экспресс». URL: <a href="http://lib.usu.ru/MegaPro/Web">http://lib.usu.ru/MegaPro/Web</a>. Режим доступа: для пользователей научной библиотеки. Текст: электронный.

Инименер ведущий ; Изрения ЮВ; hay 120,00 гого 2023

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# LIST OF CHANGES of Educational plan of practice "DOCTOR ASSISTANT" Speciality 31.05.01. «General medicine»

№	Content of the change	Full name of the head of the	Signature	Date
	or a link to the	Department developing the		
	attached text of the	discipline		
1	Introduction of changes to	Vize-Khripunova M.A.	/	7 16/04/24
	item C) Professional		M Ochen V	
	databases, information and		on. ogica-	
	reference systems item 9		/ /	
	"Educational,		,	
	methodological and			
	information support of the			
	discipline" with the design			
	of Appendix 1			2
2	Introduction of changes to	Vize-Khripunova M.A.	11/20/1/	16/04/24
	item A) Recommended		M. Glew-	
	Literature item 9			
	"Educational,		/ /	
	methodological and			
	information support of the			
	discipline" with the design			
	of Appendix 2			

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Appendix 1

#### A) List of recommended literature

#### a) Core reading:

- 5. Merzlikin, N. V. Surgical diseases: in 2 vol. Vol. 1.: textbook / N. V. Merzlikin, N. A. Brazhnikova, B. I. Alperovich, V. F. Tskhai. - Москва: ГЭОТАР-Медиа, 2021. - 360 с. -ISBN 978-5-9704-5852-5. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL: https://www.studentlibrary.ru/book/ISBN9785970458525.html.
- 6. Ивашкин, В. Т. Internal diseases propedeutics / V. T. Ivashkin, A. V. Okhlobystin. -Moscow: GEOTAR-Media, 2020. - 176 р. - 176 с. - ISBN 978-5-9704-5555-5. - Текст: ЭБС "Консультант электронный // студента": [сайт]. URL: https://www.studentlibrary.ru/book/ISBN9785970455555.html
- 3 Radzinskiy, V. E. (Радзинский В. Е. ) Gynecology: textbook / ed. by Radzinskiy V. E., Fuks A. M. - Москва : ГЭОТАР-Медиа, 2020. - 896 с. - ISBN 978-5-9704-5799-3. - Текст : электронный ЭБС "Консультант студента" [сайт]. URL https://www.studentlibrary.ru/book/ISBN9785970457993.html

## b) Supplementary reading:

- 9. Kruchkova, A. V. Care for Surgical Patients / A. V. Kruchkova, Yu. V. Kondusova, I. A. Poletayeva and others; edited by A. V. Kruchkova. - Москва: ГЭОТАР-Медиа, 2020. - 144 с. - ISBN 978-5-9704-5664-4. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL: https://www.studentlibrary.ru/book/ISBN9785970456644.html.
- 10. Strizhakov, A. N. Methodology and methods of educational obstetric history taking: tutorial guide / A. N. Strizhakov, I. V. Ignatko, A. M. Rodionova [et al. ]. - Москва : ГЭОТАР-Медиа, 2022. - 80 с. - ISBN 978-5-9704-6449-6. - Текст : электронный // ЭБС "Консультант студента" **URL** [сайт]. https://www.studentlibrary.ru/book/ISBN9785970464496.html.
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Appendix2

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, [2024]. URL: http://www.iprbookshop.ru. Режим доступа: для зарегистрир. пользователей. Текст : электронный.
- 1.2. Образовательная платформа ЮРАЙТ : образовательный ресурс, электронная библиотека : сайт / ООО Электронное издательство «ЮРАЙТ». Москва, [2024]. URL: <a href="https://urait.ru">https://urait.ru</a> . Режим доступа: для зарегистрир. пользователей. Текст : электронный.
- База данных «Электронная библиотека технического ВУЗа (ЭБС «Консультант студента») : электронно-библиотечная система : сайт / ООО «Политехресурс». Москва, [2024]. URL: <a href="https://www.studentlibrary.ru/cgi-bin/mb4x">https://www.studentlibrary.ru/cgi-bin/mb4x</a>. Режим доступа: для зарегистрир, пользователей. Текст : электронный.
- 1.4. Консультант врача. Электронная медицинская библиотека: база данных: сайт / ООО «Высшая школа организации и управления здравоохранением-Комплексный медицинский консалтинг». Москва, [2024]. URL: <a href="https://www.rosmedlib.ru">https://www.rosmedlib.ru</a>. Режим доступа: для зарегистрир. пользователей. Текст: электронный.
- 1.5. Большая медицинская библиотека: электронно-библиотечная система: сайт / ООО «Букап». Томск, [2024]. URL: <a href="https://www.books-up.ru/ru/library/">https://www.books-up.ru/ru/library/</a>. Режим доступа: для зарегистрир, пользователей. Текст: электронный.
- 1.6. ЭБС Лань: электронно-библиотечная система: сайт / ООО ЭБС «Лань». Санкт-Петербург, [2024]. — URL: https://e.lanbook.com. — Режим доступа: для зарсгистрир. пользователей. — Текст: электронный.
- ЭБС Znanium.com : электронно-библиотечная система : сайт / ООО «Знаннум». Москва, [2024]. URL: <a href="http://znanium.com">http://znanium.com</a> . Режим доступа : для зарегистрир. пользователей. Текст : электронный.
- КонсультантПлюс [Электронный ресурс]: справочная правовая система. / ООО «Консультант Плюс» - Электрон. дан. - Москва : КонсультантПлюс, [2024].
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- 4. Федеральная государственная информационная система «Национальная электронная библиотека» : электронная библиотека : сайт / ФГБУ РГБ. Москва, [2024]. URL: https://нэб.рф. Режим доступа : для пользователей научной библиотеки. Текст : электронный.
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- 6. Электронная библиотечная система УлГУ: модуль «Электронная библиотека» АБИС Mera-ПРО / ООО «Дата Экспресс». — URL: http://lib.ulsu.ru/MegaPro/Web. — Режим доступа: для пользователей научной библиотеки. — Текст: электронный.

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