


Ministry of science and high education RF 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	
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**APPROVED BY**

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

16.05.24 Record No. 9/260

Chairman  / V.V. Mashin  
(Signature, Name)

May, 16, 2024.

**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 1.09.2024

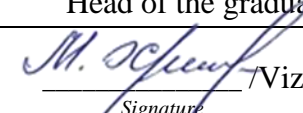
Revised at the Department meeting, Record No. \_\_\_\_\_ of \_\_\_\_\_ «\_\_» 20\_\_


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

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./ Signature Full name
April, 16, 2024

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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<sup>th</sup> 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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-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 and 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 general professional competence	Code and name of the indicator of achievement of general professional competence
<b>GPC -5</b> - able to assess morphofunctional, physiological states and pathological processes in the human body to solve professional issues	Indicator for achieving -1 (IfA-1) <b>Know:</b> anatomical and physiological, age, sexual and individual features of the structure and development of a healthy and sick organism; functional systems of the human body, their regulation and self-regulation in norm and pathology; the 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

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	<p><b>Be able to:</b> 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; hematological indicators; distinguish normal values of 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.</p> <p>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.</p>
<p><b>PC - 1</b> - Willingness to participate in giving emergency assistance during conditions requiring urgent medical intervention</p>	<p>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</p> <p>IfA - 2          Be able to: provide emergency medical care in conditions requiring urgent medical intervention, in obstetric-gynecological, therapeutic and surgical practice</p> <p>IfA - 3          Have a skills in: algorithms for the provision of emergency medical care in obstetric-gynecological, therapeutic and surgical practice with threatening conditions</p>
<p><b>PC - 2</b> - Readiness to collect and analyze patient complaints, data from their medical history, survey results, laboratory, instrumental, post-mortem and other studies to determine a state or establish</p>	<p>IfA - 1          Know:          - diagnostic methods, diagnostic capabilities of methods of direct examination of a patient of a therapeutic, surgical and obstetric-gynecological profile;          -modern methods of clinical, laboratory, instrumental examination of patients (including endoscopic, radiological methods, ultrasound diagnostics);</p>

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a prima facie or lack of a disease.	<b>IfA - 2</b> Be able to: -determine the patient's status: collect anamnesis, interview the patient and / or his relatives, conduct a physical examination of the patient (examination, palpation, auscultation); - to conduct a primary examination of systems and organs: respiratory, cardiovascular, blood and hematopoietic organs, digestive, 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 reliable result; <b>IfA - 3</b> Have a skills in: - methods of general clinical objective examination (questioning, examination, palpation, percussion, auscultation) for diseases of internal organs; -interpretation of the results of laboratory, instrumental diagnostic methods for pathology of internal organs
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#### 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<sup>th</sup> semester.


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### 5. Content of Practice

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


### 6. The structure and workload

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

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		<p>physicians during procedures, and performing light medical procedures</p> <p>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.</p> <p>4. Patient education and outreach about a healthy lifestyle.</p> <p>5. Completing of practice training diaries.</p> <p>6. Training a medical mindset to understand the theories, reasons, and technical aspects of internal medicine during patient exposure.</p>			
5.	Practice in functional diagnostics units of therapeutic institution.	<p>Participation in diagnostic tests and functional studies, results interpretation, medical records with the guidance of a staff doctor tutor in therapeutic institution.</p> <p>Participation in ultrasound examinations, CT and MRI of internal organs pathology.</p>	20	1	Practical training diary Cases check
6.	Mastering first aid rendering and urgent relief for patients with internal disease in hospital.	<p>Participation in the providing urgent care in the emergency room. Participation in the intensive care unit work. Drawing up a drug list for urgent relief and first aid rendering. Medical records keeping.</p>	11	1	Practical training diary
7.	Research activity.	Essay writing	5	-	Essay check
8.	The Internal Medicine clinical rotation set-off.	<p>1. Filling the practical training diary.</p> <p>2. Practice-focused interview</p>	<p>2</p> <p>2</p>	<p>-</p> <p>1</p>	<p>Practical training diary</p> <p>Set-off cases</p>
<b>The General Surgery clinical rotation</b>					
9.	Participation in medical care providing treatment and prevention to the adult population requiring surgical	1. The primary survey of the patients with surgery disease, keeping medical records and patient's operative notes (with a staff mentor doctor supervision).	24	1	Practical training diary Management of cases




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	institutional care.	<p>2. Daily working with patients in a clinical context, assisting surgeons during procedures, and performing light surgical procedures such as dressing wounds after operation.</p> <p>3. Work in the operating room, assistance in operations; participation in surgical manipulations with patients.</p> <p>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.</p> <p>5. Patient education and outreach about a healthy lifestyle.</p> <p>6. Completing of practice training diaries.</p> <p>7. Training a medical mindset to understand the theories, reasons, and technical aspects of surgery during patient exposure.</p>			
10.	Practice in functional diagnostics units of surgical institution.	<p>Participation in diagnostic tests and functional studies, results interpretation, medical records with the guidance of a staff doctor tutor in surgical institution.</p> <p>Participation in ultrasound examinations, CT and MRI in surgical pathology.</p>	20	1	Practical training diary Management of cases
11.	Mastering first aid rendering and urgent relief for patients in surgical institution.	<p>Participation in the providing urgent care in the emergency room. Participation in the intensive care unit work. Drawing up a drug list for urgent relief and first aid rendering. Medical records keeping in surgical institution.</p>	11	1	Practical training diary Management of cases
12.	Research activity.	Essay writing.	5	-	Essay check



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13.	The General Surgery clinical rotation set-off.	1. Filling the practical training diary. 2. Practice-focused interview	2  2	-  1	Practical training diary Set-off cases
<b>The Ob/Gyn clinical rotation</b>					
14.	Participation in medical care to the pregnancy women care.	1. The primary survey of pregnancy women, keeping medical records of labor and pregnancy (with a staff mentor 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 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.	24	1	Practical training diary Management of cases
15.	Practice in functional diagnostics of the health pregnancy, pathology of pregnancy and in the labor and postpartum maternity ward.	Participation in diagnostic tests and functional studies, results interpretation, medical records with the guidance of a staff doctor tutor in maternity ward. Participation in ultrasound	20	1	Practical training diary Management of cases

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		examinations, MRI in pregnancy.			
16.	Mastering first aid rendering and urgent relief for pregnancy women.	Participation in the providing urgent care in the emergency room for pregnancy and labor pathology. Participation in the work as a physician assistant in intensive care unit of maternity ward. Drawing up a drug list for urgent relief and first aid rendering in pregnancy women. Medical records keeping in maternity ward.	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. Practice-focused interview.	2 2	- 1	Practical training diary Set-off cases
<b>Final stage of practice</b>					
19.	Taking stock and grading credit.	1. Filling the practical training report about all blocks of practice. 2. Completing essays of all blocks of practice. 3. Providing feedback-characteristics about all blocks of practice. 4. Taking stock and assessment practical training results	1 1 1 1	- - - 1	Practical training diary Essay check Practice review
<b>In total</b>			<b>216</b>	<b>24</b>	

### 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++ № 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

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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 UISU 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 UISU, 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

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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 consist 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. T. Ivashkin, A. V. Okhlobystin. - Moscow : GEOTAR-Media, 2020. - 176 p. - 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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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>.
2. 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>.
3. 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 p. - Неопубликованный ресурс; На англ. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11623>. - Режим доступа: ЭБС УлГУ. - Текст : электронный.

AGREED:

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*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: <https://urait.ru>. – Режим доступа: для зарегистрир. пользователей. - Текст : электронный.

1.3. База данных «Электронная библиотека технического ВУЗа (ЭБС «Консультант студента») : электронно-библиотечная система : сайт / ООО «Политехресурс». – Москва, [2024]. – URL: <https://www.studentlibrary.ru/cgi-bin/mb4x>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.4. Консультант врача. Электронная медицинская библиотека : база данных : сайт / ООО «Высшая школа организации и управления здравоохранением-Комплексный медицинский консалтинг». – Москва, [2024]. – URL: <https://www.rosmedlib.ru>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.5. Большая медицинская библиотека : электронно-библиотечная система : сайт / ООО «Букап». – Томск, [2024]. – URL: <https://www.books-up.ru/ru/library/>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.6. ЭБС Лань : электронно-библиотечная система : сайт / ООО ЭБС «Лань». – Санкт-Петербург, [2024]. – URL: <https://e.lanbook.com>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.7. ЭБС Znanium.com : электронно-библиотечная система : сайт / ООО «Знаниум». - Москва, [2024]. - URL: <http://znanium.com>. – Режим доступа : для зарегистрир. пользователей. - Текст : электронный.

**2. КонсультантПлюс** [Электронный ресурс]: справочная правовая система. / ООО «Консультант Плюс» - Электрон. дан. - Москва : КонсультантПлюс, [2024].

**3. eLIBRARY.RU**: научная электронная библиотека : сайт / ООО «Научная Электронная Библиотека». – Москва, [2024]. – URL: <http://elibrary.ru>. – Режим доступа : для авториз. пользователей. – Текст : электронный

**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.

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

**6. Электронная библиотечная система УлГУ** : модуль «Электронная библиотека» АБИС Mega-PIPO / ООО «Дата Экспресс». – URL: <http://lib.ulsu.ru/MegaPro/Web>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

Инженер ведущий




Щуренко Ю.В. 2024

## 10. EDUCATIONAL AND METHODOICAL AND INFORMATION SUPPORT OF DISCIPLINE

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

Form A

Ministry of science and high education RF Ulyanovsk State University Institute of Medicine, Ecology and Physical Culture Faculty of Medicine named after Biktimirov T.Z.	The form	
F-Educational plan of practice		

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 UISU 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 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  PHD, Associate professor of Faculty Therapy Department J. M. Pavlova

signature

position

full name