

FEDERAL STATE BUDGETARY EDUCATIONAL INSTITUTION OF
HIGHER EDUCATION "AMUR STATE MEDICAL ACADEMY"
MINISTRY OF HEALTH OF THE RUSSIAN FEDERATION

AGREED

Vice-Rector for Academic Affairs

 N.V. Loskutova

April 17, 2025

Decision of the CCMC

April 17, 2025

Protocol No. 7

APPROVED

by decision of the Academic Council of
the FSBEI HE Amur SMA of the
Ministry of Health of the Russian
Federation

April 22, 2025

Protocol No. 15

Acting Rector of the FSBEI HE Amur
SMA of the Ministry of Health of the
Russian Federation

 I.V. Zhukovets



EDUCATIONAL PROGRAM

**industrial practice "Practice of the obstetric and gynecological profile.
Assistant to a hospital physician"**

Specialty: 31.05.01 General Medicine

Course: 4

Semesters: 8

Total hours: 72 hrs.

Total credits: 2 credit units

Control form: credit, 2 semester

Blagoveshchensk, 2025

The educational program of the discipline is designed in accordance with the requirements of the Federal State Educational Standard of Higher Education - specialist in specialty 31.05.01 General Medicine, approved by the order of the Ministry of Education and Science of Russia dated 08.12.2020 No. 988 (registered with the Ministry of Justice of Russia on 08.26.2020 No. 59493), BPEP HE (2021).

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Protocol No. 2 dated April 15, 2025

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APPROVED at the meeting of the CMC No. 4:

Protocol No. 2 dated April 15, 2025

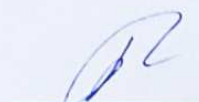
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AGREED: Dean of the Faculty of Medicine,
Ph.D. of Medical Sciences

April 17, 2025

 N.G. Brush

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1. EXPLANATORY NOTE

1.1. Characteristics of practice

Training qualified doctors capable of solving complex issues of early diagnostics, rational treatment and prevention of various diseases is a priority task of modern healthcare. Knowledge of the basics of clinical medicine, which are taught at the Department of Obstetrics and Gynecology, is important for training doctors of all specialties, contributing to the better formation of clinical thinking, medical deontology, consolidation of skills in examining pregnant women and gynecological patients, timely decision-making on the appointment of treatment and the provision of emergency medical care in urgent conditions.

The area of professional activity and spheres of professional activity in which graduates who have mastered the specialist program can carry out professional activities: healthcare (in the field of providing primary health care to the population in medical organizations: clinics, outpatient clinics, inpatient and outpatient institutions of the municipal health care system and medical and preventive institutions providing primary health care to the population);

Types of professional activity for which graduates of specialist programs are prepared : medical; scientific research, organizational and managerial.

Specialist program is ready to solve the following professional tasks in accordance with the type(s) of professional activity that the specialist program is focused on :

medical activities: prevention of the occurrence of diseases among the population by carrying out preventive and anti-epidemic measures; participation in the provision of emergency medical care in conditions requiring urgent medical intervention; the formation of motivation in the population, patients and their family members aimed at maintaining and strengthening their health and the health of others; teaching patients basic hygienic measures of a health-improving nature that help prevent the occurrence of diseases and strengthen health;

research activities: analysis of scientific literature and official statistical reviews, participation in statistical analysis and public presentation of the results obtained;

organizational and managerial activities: creation of favorable conditions in medical organizations for the stay of patients and the work of medical personnel; maintenance of medical records in medical organizations; compliance with basic information security requirements;

The objects of professional activity of graduates of the specialist program are:

- individuals (patients) aged 15 to 18 years and over 18 years (hereinafter referred to as adolescents and adults);
- population;
- a set of tools and technologies aimed at creating conditions for protecting the health of citizens.

1.2. Purpose and objectives of the practice

The purpose of the internship is to acquire professional skills and experience in professional activities, to test and consolidate the knowledge gained in the study of the main clinical and theoretical disciplines, to further deepen and improve the practical skills acquired at the Academy, to become familiar with the organization of diagnostic, therapeutic, anti-epidemic and sanitary-educational work in regional, city, district hospitals, clinics, ambulance stations, to form universal, general professional and professional competencies.

Objectives of the practice :

1. To systematize knowledge about the main clinical and physiological features of the female reproductive system.
2. To deepen students' knowledge about the characteristics of physiological pregnancy and childbirth, possible complications that arise during pregnancy, childbirth and the postpartum period.

3. To train students to provide emergency medical care during pregnancy, childbirth and the postpartum period, to be able to diagnose, treat and select tactics for managing pregnancy and childbirth.

4. Based on the study of anamnesis data, objective examination and additional research methods, diagnose pathological processes in gynecological diseases.

5. Formation of communication skills with the patient taking into account ethics and deontology depending on the identified pathology and characterological features.

6. Deepening skills in the preparation of medical documentation, working with educational scientific, reference, medical, scientific literature and official statistical reviews, including on the Internet.

1.3. The place of practice in the structure of the main professional educational program of higher education

In accordance with the Federal State Educational Standard of Higher Education - specialist industrial practice of 4th year students "Practice of obstetrics and gynecology profile. Assistant of hospital doctor" refers to the basic part, Block 2 Total workload is 2 credits . (72 hours), taught in the 8th semester in the 4th year. Form of control - credit with assessment in the 8th semester.

1.4. Forms of practice control

The students' compliance with the internship program is checked daily by the internship supervisors in the form of monitoring the maintenance of internship diaries, the preparation of birth histories, and the acquisition of practical skills.

Interim assessment (test with assessment), consisting of a theoretical part - an interview on theoretical questions, testing in the Moodle system and a practical part - checking the acquisition of practical skills and abilities, assessment of reporting forms.

1.5. Practice reporting forms

The forms of reporting on practice are the industrial practice diary and the calendar schedule for completing the practice.

1.6. Requirements for students

To master the practice, knowledge, skills and abilities formed by previous disciplines are necessary:

Histology, embryology, cytology
Knowledge: embryogenesis , histological structure of tissues and systems
Skills: be able to determine age-related patterns of development of organs and systems, analyze the results of histophysiological research, the concept of pregnancy and human embryology
Skills: determination of age-related patterns of development of organs and systems, analysis of histophysiological research, determination of pregnancy
Microbiology, virology
Knowledge: the impact of microbes, viruses, rickettsia, fungi on the body. Microbiological diagnostics of infectious diseases
Skills: be able to analyze the results of microbiological diagnostics of infectious diseases.
Skills: analysis of the results of microbiological diagnostics of infectious diseases
Anatomy
Knowledge: Anatomical and physiological features of the respiratory, cardiovascular , digestive, hematopoietic systems, normal and topographic anatomy of the pelvic organs.

<i>Skills:</i> be able to analyze age- and gender-related features of the structure of organs and systems.
<i>Skills:</i> analysis of age-sex characteristics of the structure of organs and systems
Normal Physiology
<i>Knowledge:</i> reflex arc, conditioned and unconditioned reflexes, physiology of the cardiovascular , digestive, urinary, respiratory and hematopoietic systems in the norm; neuroendocrine regulation of the menstrual cycle.
<i>Skills :</i> be able to analyze the significance of regulation of biological processes in the human body on the functioning of the cardiovascular , digestive, urinary, respiratory, hematopoietic systems in pregnant women; features of hemodynamics during pregnancy in the mother and fetus .
<i>Skills:</i> analysis of the significance of regulation of biological processes in the human body on the functioning of the cardiovascular , digestive, urinary, respiratory, hematopoietic systems in pregnant women; features of hemodynamics during pregnancy in the mother and fetus
Topographic anatomy, operative surgery
<i>Knowledge:</i> structure, topography of cells, tissues, organs and systems of the body in interaction with their function in norm and pathology; topographic anatomy of the pelvic organs.
<i>Skills:</i> be able to analyze the functional features of the cardiovascular , respiratory, digestive, urinary, and hematopoietic systems in normal and pathological conditions.
<i>Skills:</i> analysis of the functional features of the cardiovascular , respiratory, digestive, urinary, and hematopoietic systems in normal and pathological conditions.
Pathological physiology, clinical pathological physiology
<i>Knowledge:</i> morphological changes in body tissues in pathologies of the cardiovascular , respiratory, digestive, urinary and blood systems; pathogenesis of the inflammatory process.
<i>Skills:</i> be able to determine the contribution of pathophysiological processes to the development of pregnancy complications and gynecological diseases.
<i>Skills:</i> determining the contribution of pathophysiological processes to the development of pregnancy complications and gynecological diseases.
Pharmacology
<i>Knowledge :</i> mechanism of action and side effects of various drugs on the body .
<i>Skills:</i> be able to write prescriptions for prescribed drugs, know the indications and contraindications for their use.
<i>Skills:</i> write prescriptions for prescribed medications, know the indications and contraindications for their use.
Propaedeutics of internal diseases
<i>Knowledge:</i> collection of complaints, anamnesis , objective methods of examination of patients (palpation, percussion, auscultation).
<i>Skills:</i> be able to conduct anamnestic and physical examination, identify the main syndromes and symptoms of diseases of internal organs.
<i>Skills:</i> conducting anamnestic and physical examination, identifying the main syndromes and symptoms of diseases of internal organs
General surgery
<i>Knowledge:</i> basic principles of general surgery, rules of asepsis and antisepsis.
<i>Skills:</i> be able to conduct anamnestic and physical examination in surgical pathology, treat hands, instruments and the surgical field.
<i>Skills:</i> performing anamnestic and physical examination in surgical pathology, treatment of hands, instruments and the surgical field.

1.7. Interdisciplinary links with subsequent disciplines/practices

Knowledge and skills acquired during industrial practice are necessary for studying subsequent disciplines and practices:

No. p / p	Name of subsequent disciplines/practices	"Obstetrics and Gynecology Practice. Assistant to a Hospital Doctor"
1	Clinical pharmacology	+
2	Traumatology , orthopedics	+
3	Judicial medicine	+
4	Phthysiology	+
5	Outpatient clinic therapy	+
6	Anesthesiology , resuscitation , intensive care therapy	+
7	Hospital therapy	+
8	Dermatovenereology	+
9	Infectious diseases	+
10	Internship to gain professional skills and experience in professional activities - assistant physician of an outpatient clinic	+
11	General medical practice	+

1.8. Requirements for the results of mastering the practice

The process of completing the industrial practice "Practice of the obstetric and gynecological profile. Assistant to a hospital physician" is aimed at developing the following universal (UK), general professional (GPC) and professional competencies (PC): UK-1, 4, 9; GPC-1, 4, 5, 7, 10; PC-9 (A), 11 (A), 12 (A).

№ p / p	Code and name of competence	Code and name of the competency indicator
1	UK-1. Capable of carrying out a critical analysis of problematic situations based on a systems approach, developing an action strategy	AI UK-1.1. Analyzes the problem situation based on a systems approach. AI UK-1.2. Develops and argues a strategy for solving problem situations based on a systemic and interdisciplinary approach. AI UK-1.3 . Identifies gaps in information needed to solve problem situations and designs processes to eliminate them.
2	UK-4. Able to apply modern communication technologies, including in foreign language(s), for academic and professional interaction	AI UK-4.2. Uses modern communication resources to search, process and transmit information necessary for the high-quality performance of professional tasks and the achievement of professionally significant goals. AI UK-4.3. Compiles, translates from a foreign language into the state language of the Russian Federation and from the state language of the Russian Federation into a foreign language, edits various academic texts (abstracts, essays, reviews, articles, etc.).
3	UK-9. Able to use basic defectological knowledge in social and professional spheres	AI UK-9.1 . Has an understanding of the principles of non-discriminatory interaction in communication in various spheres of life, taking into account the socio-psychological characteristics of persons with disabilities. AI UK-9.2. Defines adequate methods for organizing joint professional activities with the participation of persons with disabilities.
4	GPC-1. Capable of implementing moral and legal norms, ethical and deontological principles in professional activities	AI GPC-1.1. Carries out professional activities in accordance with ethical standards and moral principles. AI GPC-1.2. Organizes professional activities, guided by legislation in the field of healthcare, knowledge of medical ethics and deontology. AI GPC-1.3 . Has the skills of presenting an independent point of view, analysis and logical thinking, public speaking, moral and ethical argumentation, conducting discussions and round tables, principles of medical deontology and medical ethics.
5	GPC-4 . Capable of using medical products provided for by the procedure for providing medical care, as well as conducting patient examinations to establish a diagnosis	AI GPC-4.1. Uses modern medical technologies, specialized equipment and medical products, disinfectants, drugs, including immunobiological and other substances and their combinations when solving professional problems from the standpoint of evidence-based medicine.

		<p>AI GPC-4.2. Knows the indications and contraindications for the appointment of instrumental, functional and laboratory examination methods, possible complications during the examination, emergency care and their prevention.</p> <p>AI GPC-4.3. Interprets the results of the most common methods of instrumental, laboratory and functional diagnostics, thermometry to identify pathological processes.</p> <p>AI GPC-4.4. Proficient in methods of general clinical examination of patients of various ages.</p> <p>AI GPC-4.5. Formulates a preliminary diagnosis and clinical diagnosis according to ICD.</p>
6	GPC-5 . Capable of assessing morphofunctional, physiological states and pathological processes in the human body to solve professional problems	<p>AI GPC-5.1 . Knows the functional systems of the human body, their regulation and self-regulation when interacting with the external environment in the norm and in pathological processes.</p> <p>AI GPC-5.2. Knows the etiology, pathogenesis, morphogenesis, pathomorphosis of disease development, basic concepts of nosology.</p> <p>AI GPC-5.3 . Knows the indicators of the morphofunctional, physiological state of a healthy person and can measure/determine them.</p> <p>AI GPC-5.4. Uses indicators of morphofunctional, physiological state and pathological process to examine the human body in order to establish a diagnosis, prescribe treatment and monitor its effectiveness and safety.</p> <p>AI GPC-5.5. Analyzes and interprets macroscopic and microscopic changes in normal and pathologically altered tissues and organs.</p> <p>AI GPC-5.6. Interprets the results of studies of biopsy and surgical material to solve professional problems and formulate a diagnosis in accordance with the ICD.</p>
7	GPC-7. Capable of prescribing treatment and monitoring its effectiveness and safety	<p>AI GPC-7.1. Selects a drug based on the totality of its pharmacokinetic and pharmacodynamic characteristics for the treatment of patients with various nosological forms in outpatient and inpatient settings.</p> <p>AI GPC-7.2. Selects the optimal minimum of the most effective means, using convenient methods of their application.</p> <p>AI GPC-7.3. Explains the main and side effects of drugs, the effects of their combined use and interaction with food, taking into account the morphofunctional features, physiological states and pathological processes in the human body</p> <p>AI GPC-7.4. Prescribes medications for the treatment of diseases and correction of pathological conditions, based on the characteristics of the pharmacokinetics and pharmacodynamics of drugs.</p> <p>AI GPC-7.5. Takes into account morphofunctional features, physiological states and pathological processes in the human body when choosing over-the-counter drugs and other pharmacy products.</p>

		<p>AI GPC-7.6. Analyzes the results of possible interactions of drugs during the combined use of various drugs.</p> <p>AI GPC-7.7. Evaluates the effectiveness and safety of drug therapy using a combination of clinical, laboratory, instrumental and other diagnostic methods.</p>
8	GPC-10 . Capable of solving standard tasks of professional activity using information, bibliographic resources, medical and biological terminology, information and communication technologies, taking into account the basic requirements of information security	<p>AI GPC-10.1 . Maintains confidentiality when working with information databases and with individual data of citizens.</p> <p>AI GPC-10.4. Uses automated information systems in the internal processes of a medical organization, as well as for organizing interactions between medical personnel and patients of medical organizations.</p>

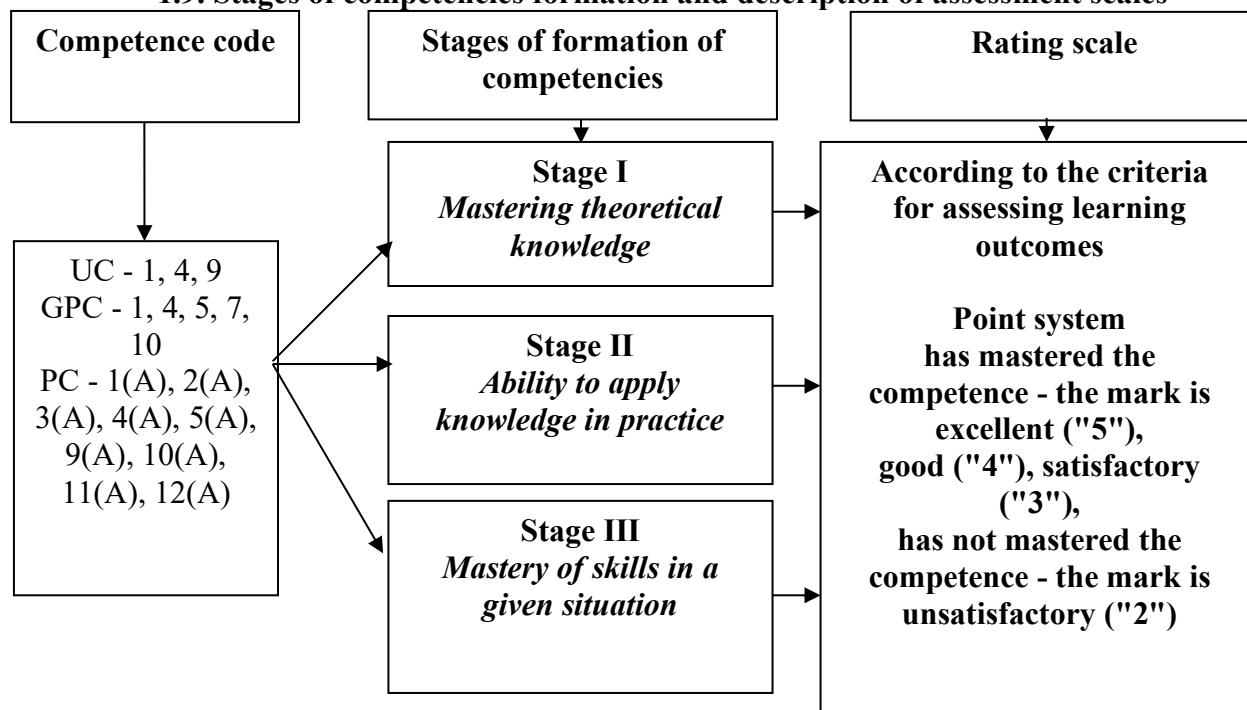
Professional competencies

№ p/ p	Labor functions	Code and name of professional competence	Code and name of the professional competence indicator
1	A/01.7 Diagnostics of diseases in the profile of "therapy"	PC-1(A). Ability to collect and analyze complaints, life history and disease history of the patient in order to establish a diagnosis according to the profile "therapy"	<p>AI PC- 1.1(A). Collect complaints, medical history, and life history from a patient with a disease and/or condition in the “therapy” profile (or his/her legal representative)</p> <p>AI PC- 1.2(A). Interpret and analyze information received from a patient with a disease and/or condition in the “therapy” profile (or his/her legal representative)</p>
		PC-2(A). Ability to conduct a physical examination of a patient, analyze the results of additional examination methods in order to establish a diagnosis in the “therapy” profile	<p>AI PC- 2.1(A). Conduct a physical examination of a patient (inspection, palpation, percussion, auscultation) with a disease and (or) condition in the “therapy” profile</p> <p>AI PC- 2.2(A). Justify the need and scope of laboratory and instrumental examinations of a patient with a disease and (or) condition in the “therapy” profile</p> <p>AI PC- 2.3(A). Conduct diagnostic manipulations and interpret the results obtained:</p> <ul style="list-style-type: none"> - measurement of blood pressure in peripheral arteries; - blood glucose level test - ambulatory blood pressure monitoring (ABPM) - taking and decoding an electrocardiogram <p>AI PC-2 .4(A). Interpret the results of laboratory and instrumental examinations of patients</p> <p>AI PC-2.5 (A). Justify the referral of a patient with a disease and/or condition in the “therapy” profile to specialist doctors in the presence of medical indications, taking into account contraindications in accordance with the Procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care</p> <p>AI PC-2 .6(A). Interpret reports from medical specialists</p> <p>AI PC-2 .7(A). Assess the severity of the disease and (or) the condition of the patient with the disease according to the profile "therapy"</p>

			<p>AI PC-2.8(A). Establish a diagnosis taking into account the ICD of a patient with a disease and (or) condition according to the profile "therapy"</p> <p>AI PC- 2.9(A). Conduct differential diagnostics of diseases and (or) conditions in the "therapy" profile, using diagnostic algorithms (primary, concomitant and complications) taking into account the ICD</p>
		<p>PC-3(A) . Ability to determine indications for hospitalization, indications for providing emergency, including emergency specialized, medical care in the profile "therapy"</p>	<p>AI PC- 3.1(A). Determine medical indications for providing emergency, including emergency specialized, medical care</p> <p>AI PC- 3.2(A). Determine medical indications for referring a patient for medical care in inpatient or day hospital settings providing specialized medical care in the "therapy" profile in case of difficulties in diagnosis and in the absence of the possibility of conducting additional examinations in outpatient settings</p>
2	<p>A/02.7 Prescribing treatment to patients with diseases and/or conditions in the "therapy" profile and monitoring its effectiveness and safety</p>	<p>PC-4(A). Ability to prescribe treatment to patients with diseases and (or) conditions in the profile of "therapy"</p>	<p>AI PC- 4.1(A). To draw up and justify a treatment plan for a patient with a disease and (or) condition in the "therapy" profile, taking into account the diagnosis, age of the patient, clinical picture of the disease and (or) condition in accordance with the procedures for providing medical care, clinical recommendations, taking into account the standards of medical care</p> <p>AI PC- 4.2(A). To prescribe medicinal products, medical devices taking into account the clinical picture of the disease and (or) the condition in the profile "therapy" and the risk factors for its development in accordance with the procedures for the provision of medical care, clinical recommendations taking into account the standards of medical care</p> <p>AI PC- 4.3(A). Prescribe non-drug treatment and therapeutic nutrition to a patient with a disease and (or) condition in the profile "therapy" taking into account the diagnosis, age and clinical picture in accordance with the procedures for providing medical care, clinical recommendations taking into account the standards of medical care</p>
		<p>PC-5(A). Ability to monitor the effectiveness and safety of the therapy being administered</p>	<p>AI PC- 5.1(A). Analyze the pharmacological action and interaction of drugs in a patient with a disease and (or) condition in the profile "therapy"</p> <p>AI PC- 5.2(A). Assess the effectiveness and safety of non-drug therapy, therapeutic nutrition, use of drugs and medical devices in a patient with a disease and (or) condition in the profile "therapy"</p> <p>AI PC- 5.3(A). Refer the patient in case of difficulty in choosing a treatment tactic, as well as in case of complicated course of the disease and (or) condition in the profile "therapy" for the provision of specialized medical care in a hospital or day hospital setting, if there are medical indications in accordance with the procedures for the provision of medical care, clinical recommendations, taking into account the standards of medical care</p> <p>AI PC- 5.4(A). Provide medical care using telemedicine technologies</p>
3	<p>A/06.7. Conducting activities on prevention and formation of a healthy lifestyle and</p>	<p>PC-9(A) . Readiness to conduct</p>	<p>AI PC- 9.1(A). Determine medical indications for the introduction of restrictive measures (quarantine)</p> <p>AI PC-9.2(A). Determine medical indications for referral to a specialist doctor</p>

	sanitary and hygienic education of the population	activities for prevention and formation of a healthy lifestyle and sanitary and hygienic education of the population	<p>AI PC- 9.3(A). Develop and implement programs for the formation of a healthy lifestyle, including programs for reducing alcohol and tobacco consumption, preventing and combating non-medical use of narcotic drugs and psychotropic substances, optimizing physical activity, rational nutrition, and normalizing body mass index.</p> <p>AI PC- 9.4(A). Conduct sanitary and anti-epidemic measures in the event of an outbreak of infection</p>
4	A/07.7. Conducting analysis of medical and statistical information, maintaining medical records, organizing the activities of medical personnel at their disposal	<p>PC-10(A). Readiness to conduct an analysis of medical and statistical indicators of morbidity, disability of patients with diseases and (or) conditions in the profile of "therapy" to assess the health of the assigned population.</p>	<p>AI PC-10. 1(A). Make a work plan and report on your work.</p> <p>AI PC-10. 2(A). Conduct an analysis of medical and statistical indicators of morbidity, disability of patients with diseases and (or) conditions in the profile "therapy" to assess the health of the assigned population.</p> <p>AI PC-10.3 (A). Monitor the performance of job responsibilities by medical personnel at their disposal.</p> <p>AI PC-10.4(A). Comply with internal labor regulations, fire safety requirements, labor protection and safety engineering.</p> <p>AI PC-10.5(A). Carry out internal control of quality and safety of medical activities</p>
		<p>PC-11(A). Ability to maintain medical records and control the quality of their maintenance</p>	<p>AI PC-11.1(A). Fill out medical documentation, including in the form of an electronic document, and monitor the quality of its maintenance.</p> <p>AI PC-11.2(A). Use in work personal data of patients and information constituting a medical secret.</p> <p>AI PC-11.3(A). Use medical information systems and the information and telecommunications network "Internet" in professional activities.</p>
5	A/08.7. Providing patients with emergency and urgent medical care	<p>PC-12(A). Ability to provide medical care in emergency and urgent form at the outpatient stage (including at home), as well as in hospital and day hospital conditions</p>	<p>AI PC-12.1 (A) . Identify clinical signs of conditions requiring emergency and urgent medical care</p> <p>AI PC-12.2 (A) . Provide emergency medical care to patients in conditions that pose a threat to the patients' lives.</p> <p>AI PC-12.3 (A) . Use medicinal products and medical devices when providing medical care to patients in emergency and urgent cases</p> <p>AI PC-12.4 (A) . Identify signs of sudden cessation of blood circulation and breathing</p> <p>AI PC-12.5 (A) . Perform basic cardiopulmonary resuscitation measures</p>

1.9. Stages of competencies formation and description of assessment scales



2. Structure and content of practice

2.1. Scope of practice

Scope of practice	
Total labor intensity of practice in hours, total	72
Total workload in credit units, total	2
View intermediate certifications	credit with grade

2.2. View practices

Production.

Industrial practice is a mandatory section of the educational process, directly focused on the professional and practical training of students. When implementing the program, attention is paid to the students' development of the proposed list of mandatory practical skills.

Students are trained in the following forms:

1. Working at the bedside of pregnant and postpartum women.
2. Work in diagnostic rooms (functional diagnostics, X-ray room, ultrasound room, clinical and biochemical laboratories).
3. Interpretation and use of laboratory and instrumental examination methods for diagnostics.
4. Providing assistance in emergency situations.
5. Selection of the optimal method of treatment of pregnancy complications, management of pregnancy, childbirth and the postpartum period.
6. Participation in patient rounds with the head of the department, professor, associate professors, and assistants.
7. Filling out medical documentation.
8. Participation in health education work.

2.3. Criteria for assessing students' knowledge

The assessment of learning outcomes is carried out in accordance with the “Regulations on the assessment system for the learning outcomes of students of the Federal State Budgetary Educational Institution of Higher Education Amur State Medical Academy of the Ministry of Health of Russia”.

Evaluation criteria for individual types of work

Criteria for assessing the theoretical part

Excellent - for the depth and completeness of mastery of the content of the educational material, in which the student easily navigates, for the ability to connect theoretical questions with practical ones, to express and justify their judgments, to correctly and logically present the answer; when testing, allows up to 10% of erroneous answers.

Good - the student has fully mastered the educational material, is oriented in it, and correctly states the answer, but the content and form have some inaccuracies; during testing, allows up to 20% of incorrect answers.

Satisfactory - the student has mastered the knowledge and understanding of the main provisions of the educational material, but presents it incompletely, inconsistently, does not know how to express and justify his/her judgments; during testing, allows up to 30% of erroneous answers.

Unsatisfactory - the student has fragmented and unsystematic knowledge of the educational material, is unable to distinguish between the main and the secondary, makes mistakes in defining concepts, distorts their meaning, presents the material in a disorderly and uncertain manner, and makes more than 30% of erroneous answers when tested.

Test control assessment

Excellent - 90-100% match with answer standards.

Good - 80-89% match with answer standards.

Satisfactory - 70-79% match with answer standards.

Unsatisfactory - less than 70% match with answer standards.

Assessment criteria for the practical part

Excellent - the student supervises a subject patient on a daily basis, has fully mastered the practical skills provided by the program (correctly interprets the patient's complaints, anamnesis, objective examination data, formulates a clinical diagnosis, prescribes examination and treatment, interprets clinical, laboratory and instrumental indicators taking into account the norm).

Good - the student supervises the subject patient on a daily basis, has fully mastered the practical skills provided by the program, but allows for some inaccuracies.

Satisfactory - the student does not regularly supervise the patient, the student has only some practical skills.

Unsatisfactory - the student visited the supervised patient less than 4 times, performs practical skills with gross errors.

Intermediate control (credit lesson) on a five-point scale

The intermediate certification is carried out by a practice commission consisting of a director from the Altai State Medical Academy and a representative of the medical organization.

Excellent - for the depth and completeness of mastering the content of the educational material, in which the student easily navigates, for the ability to combine theoretical issues with practical ones, solve clinical problems, express and justify their judgments, make a detailed clinical diagnosis and justify it, prescribe and justify an examination, treatment, competently and logically present the answer, for the design of an interesting case according to requirements, mastering practical skills in full.

Good - the student has fully mastered the educational material, is oriented in it, correctly states the answer, but the content and form have inaccuracies. In the design of an interesting

case, there are inaccuracies in the formulation of a detailed clinical diagnosis, examination, treatment. Practical skills have been mastered by 50%.

Satisfactory - the student has mastered the knowledge and understanding of the main provisions of the educational material, but an interesting case is presented with errors, inaccuracies were made in the formulation of a detailed clinical diagnosis, treatment, the pathogenesis of the disease is not fully covered. Practical skills have been mastered by 30%.

Unsatisfactory - the student has fragmentary and unsystematic knowledge of the educational material, cannot distinguish between the main and the secondary, makes mistakes in defining concepts, distorts their meaning, presents the material in a disorderly and uncertain manner, cannot apply his knowledge to solving clinical situational problems, interpreting instrumental and laboratory data, cannot make a detailed clinical diagnosis, justify it, cannot prescribe examination and treatment, an interesting case is written with gross errors (a detailed clinical diagnosis is not made and justified, treatment is prescribed incorrectly, the pathogenesis of the disease is not covered). Less than 30% have mastered practical skills.

3. EDUCATIONAL, METHODOLOGICAL, MATERIAL, TECHNICAL AND INFORMATION SUPPORT FOR PRACTICE

3.1. Main literature

1 Obstetrics: textbook / ed. V. E. Radzinsky, A. M. Fuks. - 2nd ed. , reworked and additional - Moscow: GEOTAR-Media , 2023. - 1056 p. - ISBN 978-5-9704-7201-9. - Text : electronic // EBS "Student Consultant": [website]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970472019.html> (date of access: 10/30/2024). - Access mode : by subscription.

2 Gynecology: textbook / edited by G. M. Savelyeva, V. G. Breusenko . - 4th ed. , reworked and additional - Moscow: GEOTAR-Media , 2022. - 432 p. - ISBN 978-5-9704-7188-3. - Text : electronic // EBS "Student Consultant": [website]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970471883.html> (date of access: 07.11.2024). - Access mode : by subscription.

3.2. Further reading

1 Aylamazyan , E.K. Obstetrics: textbook / E.K. Aylamazyan [et al.]. - 10th ed. , reworked and additional - Moscow: GEOTAR-Media , 2022. - 768 p. - ISBN 978-5-9704-6698-8. - Text : electronic // EBS "Student Consultant": [website]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970466988.html> (date of access: 07.11.2024). - Access mode : by subscription.

2 Savelyeva, G. M. Obstetrics : textbook / Savelyeva G. M., Shalina R. I., Sichinava L. G., Panina O. B., Kurtser M. A. - Moscow: GEOTAR-Media , 2020. - 576 p. - ISBN 978-5-9704-5324-7. - Text : electronic // EBS "Student Consultant": [website]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970453247.html> (date of access: 07.11.2024). - Access mode : by subscription.

3 Obstetrics and Gynecology. Practical Skills and Abilities with a Phantom Course : A Manual / V. A. Kaptily , M. V. Berishvili , A. V. Murashko; edited by A. I. Ishchenko. - Moscow : GEOTAR-Media , 2024. - 392 p. - ISBN 978-5-9704-8639-9, DOI: 10.33029/9704-8639-9-OAG-2024-1-392. - The electronic version is available on the website of the Electronic Library System "Student Consultant" : [site]. URL: <https://www.studentlibrary.ru/book/ISBN9785970486399.html> (date of access: 10/30/2024). - Access mode: by subscription. - Text: electronic

4 Radzinsky, V. E. Obstetrics. Guide to practical classes : textbook / edited by V. E. Radzinsky, I. N. Kostin - Moscow: GEOTAR-Media , 2021. - 736 p. - ISBN 978-5-9704-

6029-0. - Text : electronic // Electronic Library System "Student Consultant": [website]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970460290.html> (date of access: 11.11.2024). - Access mode : by subscription.

5 Radzinsky, V. E. Gynecology. Guide to practical classes: textbook / Ed. V. E. Radzinsky. 3rd ed. revised and enlarged 2020. - 552 p. : ill. - 552 p. - ISBN 978-5-9704-5459-6. - Text : electronic // Electronic Library System "Student Consultant": [website]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970454596.html> (date of access: 07.11.2024). - Access mode : by subscription.

6 Selikhova, M. S. Birth trauma and reproductive health of women : monograph / M. S. Selikhova, N. V. Agabekyan . - Volgograd : VolGMU , 2022. - 164 p. - ISBN 978-5-9652-0753-6. - Text : electronic // Lan: electronic library system. - URL: <https://e.lanbook.com/book/250175> (accessed: 12/14/2022). - Access mode: for authorized users.

7 Gynecological diseases. Collection of clinical problems and dictionary of Latin terms : textbook / I. D. Yevtushenko, I. G. Kutsenko, G. M. Mikheenko [et al.]; edited by I. G. Kutsenko. — 3rd ed., corr. and add. — Tomsk: Siberian State Medical University , 2022. — 76 p. — Text : electronic // Lan: electronic library system. — URL: <https://e.lanbook.com/book/283487> (date of access: 12/14/2022). — Access mode: for authorized users.

8 Algorithm for making a diagnosis in obstetrics and gynecology: a tutorial / M.N. Mochalova, N.N. Chartorizhskaya , Yu.N. Ponomareva et al. - M. : Logosfera , 2022. - 81 p. - ISBN 9785986570891. - Text: electronic // EBS " Bukap ": [site]. - URL: <https://www.books-up.ru/ru/book/algorithm-postanovki-diagnoza-v-akusherstve-i-ginekologii-15736499> Access mode: by subscription.

9 Emergencies in Obstetrics and Gynecology: a manual for students / L.V. Gutikova , E.P. Ganchar , A.L. Gurin, T.V. Novitskaya. - Grodno: GrSMU , 2021. - 284 c. - ISBN 9789855956168. - Text: electronic // EBS " Bukap ": [site]. - URL: <https://www.books-up.ru/ru/book/neotlozhnye-sostoyaniya-v-akusherstve-i-ginekologii-13930510> Access mode: by subscription.

3.3. Educational and methodological support for practice, prepared by the department staff

Textbooks prepared by the department staff, recommended by the coordinating council for the field of education "Healthcare and Medical Sciences":

1. Lysyak D.S. Congenital anomalies of the uterus and genitals. – 2017. – 80 p.
2. Putintseva O.G., Verevkina E.V. Inflammatory diseases of the pelvic organs. - 2017. - 202s.
3. Sharshova O.A. Obstetric peritonitis. - 2019. - 90s.
4. Shulzhenko E.V. Pregnancy, childbirth and the postpartum period in women with kidney diseases. - 2019. - 93 p.
5. Sharshova O.A., Grigorieva Yu.V. Pathology of the cervix. - 2019. - 102s.
6. Zhukovets I.V., Grigorieva Yu.V., Sharshova O.A. Test tasks for the gynecology module. - 2020. - 97s.

Educational videos:

№ p/p	Title of the video	link
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1.	Fetal auscultation	https://vkvideo.ru/video-230839417_456239021 https://youtu.be/Gc1ckrQBPsg
2.	Michaelis rhombus	https://vkvideo.ru/video-230839417_456239019 https://youtu.be/Lds43Y-PEMM
3.	Pelviometry	https://vkvideo.ru/video-230839417_456239020 https://youtu.be/KC2fzZoutdM
4.	Leopold-Levitsky's techniques	https://vkvideo.ru/video-230839417_456239017 https://youtu.be/4jiHyJtHaQw
5.	Abdominal circumference and fundal height	https://vkvideo.ru/video-230839417_456239018 https://youtu.be/sJh9ZVUFgJ8
6.	Manual for Tsovyanov 1	https://vkvideo.ru/video-230839417_456239025 https://youtu.be/AAoxYDivXjc
7.	Manual for Tsovyanov 2	https://vkvideo.ru/video-230839417_456239026 https://youtu.be/zXbpQgbnxPw
8.	Controlled balloon tamponade	https://vkvideo.ru/video-230839417_456239028 https://youtu.be/orxPBC4s-OI
9.	Pudendal anesthesia technique	https://vkvideo.ru/video-230839417_456239023 https://youtu.be/sm4Ao3Ti24w
10.	Compression sutures on the uterus	https://vkvideo.ru/video-230839417_456239029 https://youtu.be/KCT1mQjFync
11.	Manual assistance in childbirth with cephalic presentation	https://vkvideo.ru/video-230839417_456239022 https://youtu.be/cYuUoCA2SG4
12.	The third stage of labor	https://vkvideo.ru/video-230839417_456239024 https://youtu.be/ddDQaDPrp4U
13.	Caesarean section in the entire amniotic sac	https://youtu.be/g3AQY8O9Faw

3.4. Material and technical base for conducting internships

- personal computer - 2;
- laptop - 2;
- video projector - 2.
- gynecological trainer - 1;
- obstetric simulator with a doll – 2;
- flexible fruit – 3;
- doll for obstetric phantom – 10;
- female pelvic skeleton – 10;
- pelvis - 10;
- obstetric forceps – 4;
- birth simulator - 3;

- vaginal speculums, microscope slides, forms, etc .;
- surgical instruments.

3.5. Professional databases, information and reference systems, electronic educational resources

Resource name	Resource Description	Access	Resource address
Electronic library systems			
"Student consultant. Electronic library of the medical university"	For students and teachers of medical and pharmaceutical universities. Provides access to electronic versions of textbooks, teaching aids and periodicals.	Remote access after registration under the university profile	https://www.studentlibrary.ru/
Reference and information system " MedBaseGeotar "	The reference and information system " MedBaseGeotar " is intended for practicing medical specialists, researchers, teachers, postgraduate students, residents, senior students, and healthcare managers for the rapid search, selection, and reading of medical literature necessary for work in a single data source.	Remote access after registration under the university profile	https://mbasegeotar.ru/pages/index.html
EBS « Bookup »	Large medical library - information and educational platform for the joint use of electronic educational, educational and methodological publications of medical universities of Russia and the CIS countries	Remote access after registration under the university profile	https://www.books-up.ru/
EBS "Lan"	Network electronic library of medical universities - an electronic database of educational and scientific works on medical topics, created for the purpose of implementing network forms of professional educational programs, open access to educational materials for partner universities	Remote access after registration under the university profile	https://e.lanbook.com/
Scientific electronic library " CyberLeninka "	CyberLeninka is a scientific electronic library built on the paradigm of open science (Open Science), the main objectives of which are the popularization of science and scientific activity, public control over the quality of scientific publications, the development of interdisciplinary research, a modern institute of scientific review, increasing the citation of Russian science and building a knowledge infrastructure. Contains more than 2.3 million scientific articles.	with free access	https://cyberleninka.ru/
Oxford	A collection of Oxford medical	free access	http://www.oxfordmedicin

Medicine Online	publications, bringing together over 350 titles into a single, cross-searchable resource. Publications include The Oxford Handbook of Clinical Medicine and The Oxford Textbook of Medicine , the electronic versions of which are constantly updated.		e.com
Human Biology Knowledge Base	Reference information on physiology , cell biology , genetics , biochemistry , immunology , pathology . (Resource of the Institute of Molecular Genetics of the Russian Academy of Sciences.)	free access	http://humbio.ru/
Medical online library	Free reference books, encyclopedias, books, monographs, abstracts, English-language literature, tests.	free access	https://www.medlib.ru/library/books
Information systems			
Clinical Guidelines Rubricator	A resource of the Russian Ministry of Health that contains clinical recommendations developed and approved by medical professional non-profit organizations of the Russian Federation, as well as methodological guidelines, nomenclatures and other reference materials.	link to download the application	https://cr.minzdrav.gov.ru/#/
Federal Electronic Medical Library (FEMB)	The Federal Electronic Medical Library is part of the unified state information system in the field of healthcare as a reference system . FEMB was created on the basis of the funds of the Central Scientific Medical Library named after I.M. Sechenov.	with free access	https://femb.ru/
Russian Medical Association	Professional Internet resource. Objective: to promote effective professional activity of medical personnel. Contains the charter, personnel, structure, rules of entry, information about the Russian Medical Union.	free access	http://www.rmass.ru/
Web-medicine	The site presents a catalog of professional medical resources, including links to the most authoritative subject sites, journals, societies, as well as useful documents and programs. The site is intended for doctors, students, employees of medical universities and scientific institutions.	with free access	http://webmed.irkutsk.ru/
Databases			
World Health Organization	The site contains news, statistics on countries that are members of the World Health Organization, fact sheets, reports, WHO publications and much more.	free access	http://www.who.int/ru/
Ministry of	The website of the Ministry of Science	free access	http://www.minobrnauki.g

Science and Higher Education of the Russian Federation	and Higher Education of the Russian Federation contains news, newsletters, reports, publications and much more		ov.ru
Ministry of Education of the Russian Federation	The website of the Ministry of Education of the Russian Federation contains news, newsletters, reports, publications and much more	free access	https://edu.gov.ru/
Federal portal "Russian education"	A single window for access to educational resources. This portal provides access to textbooks on all areas of medicine and health care.	free access	http://www.edu.ru/
Polpred.com	Electronic library system Business media. Media Review	free access	https://polpred.com/news
Bibliographic databases			
Database "Russian Medicine"	It is created in the Central Scientific and Methodological Library and covers the entire collection, starting from 1988. The database contains bibliographic descriptions of articles from domestic journals and collections, dissertations and their abstracts, as well as domestic and foreign books, collections of institute proceedings, conference materials, etc. Thematically, the database covers all areas of medicine and related areas of biology, biophysics, biochemistry, psychology, etc.	free access	https://rucml.ru/
PubMed	A text database of medical and biological publications in English. The PubMed database is an electronic search engine with free access to 30 million publications from 4,800 indexed journals on medical topics. The database contains articles published from 1960 to the present day, including information from MEDLINE, PreMEDLINE, NLM. Each year, the portal is replenished with more than 500 thousand new works.	free access	https://pubmed.ncbi.nlm.nih.gov/
eLIBRARY.RU	eLIBRARY.RU platform provides electronic versions of more than 2,000 Russian scientific and technical journals, including more than 1,000 open access journals.	Full functionality of the site is available after registration	http://elibrary.ru/defaultx.asp
Electronic library of dissertations (RSL)	Currently, the Electronic Library of Dissertations of the Russian State Library contains more than 919,000 full texts of dissertations and abstracts.	free access	http://diss.rsl.ru/?menu=disscatalog/

Medline .r u	Medical and biological portal for specialists. Biomedical journal.	with free access	https://journal.scbmt.ru/jour/index
Official Internet portal of legal information	The single official state information and legal resource in Russia	free access	http://pravo.gov.ru/

3.6 . Licensed and freely distributed software used in the educational process.

List of software (commercial software products)

No. p / p	List of software (commercial software products)	Details of supporting documents
1.	MS Operating System Windows 7 Pro	License number 48381779
2.	MS Operating System Windows 10 Pro	CONTRACT No. UT-368 from 09.21.2021
3 .	MS Office	License number: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919
4.	Kaspersky Endpoint Security for business – Standard Russian Edition . 50-99 Node 1 year Educational Renewal License	Agreement No. 7 AA dated 02/07/2025
5.	1C Accounting and 1C Salary	LICENSE AGREEMENT 612/L dated 02.02.2022 (additional licenses)
6.	1C: PROF University	LICENSE AGREEMENT No. KrTsB-004537 dated 12/19/2023
7.	PROF Library	LICENSE AGREEMENT No. 2281 dated 11.11.2020
8.	Consultant Plus	Contract No. 41AA dated 12/27/2024
9.	Contour .Tolk	Agreement No. K213753/24 dated 13.08.2024
10.	E-learning environment 3KL(Russian Moodle)	Agreement No. 1362.5 dated November 20, 2024
11.	Astra Linux Common Edition	Agreement No. 142 A dated September 21, 2021
12.	Information system "Plans"	Agreement No. 2873-24 dated June 28, 2024
13.	1C: Document Management	Agreement No. 2191 dated 10/15/2020
14.	R7-Office	Agreement No. 2 KS dated 12/18/2020
15.	License "OS ROSA CHROME workstation"	Agreement No. 88A dated 08/22/2024
16.	Alt Virtualization Server 10 (for secondary specialized and higher professional education)	Agreement No. 14AK dated 09/27/2024
17.	Dr.Web Desktop Security Suite Comprehensive protection + Control Center for 12 months.	Agreement No. 8 dated October 21, 2024
18.	Software "Schedule for educational institutions"	Agreement No. 82A dated July 30, 2024

List of freely distributed software

No. p / p	List of freely distributed software	Links to license agreement
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1.	Browser " Yandex "	Freely distributed License agreement for the use of Yandex Browser programs https://yandex.ru/legal/browser_agreement/
2.	Yandex.Telemost	Freely distributed License Agreement for the Use of Programs https://yandex.ru/legal/telemost_mobile_agreement/
3.	Dr.Web CureIt !	Freely distributed License Agreement: https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf
4.	OpenOffice	Freely distributed License: http://www.gnu.org/copyleft/lesser.html
5.	LibreOffice	Freely distributed License: https://ru.libreoffice.org/about-us/license/
6.	VK Calls	Freely distributed https://vk.com/license
7.	Kaspersky Free Antivirus	Freely distributed https://products.s.kaspersky-labs.com/homeuser/Kaspersky4Win2021/21.16.6.467/english-0.207.0/3830343439337c44454c7c4e554c4c/kis_eula_en-in.txt

3.7. Resources of the information and telecommunications network "Internet"

- Library of Amur State Medical Academy. Access mode: <https://amurgma.ru/obuchenie/biblioteki/biblioteka-amurskoy-gma/>
- Electronic library system "Student consultant". Access mode: <https://www.studentlibrary.ru>
- Electronic library of medical literature. Access mode: <https://www.books-up.ru/ru/entrance/97977feab00ecfbf9e15ca660ec129c0/>
- Scientific and practical journal "Doctor and information technologies". Access mode: <http://www.studmedlib.ru/book/1811-0193-2010-01.html>
- RosMinZdrav . Standards of Primary Health Care. Access mode: <https://www.rosminzdrav.ru/ministry/61/22/stranitsa-979/stranitsa-983/1-standarty-pervichnoy-mediko-sanitarnoy-pomoschi>
- RosMinZdrav . Standards of specialized medical care. Access mode: <https://www.rosminzdrav.ru/ministry/61/22/stranitsa-979/stranitsa-983/2-standarty-spetsializirovannoy-meditsinskoy-pomoschi>
- RosMinZdrav . Procedures for the provision of medical care. Access mode: <https://www.rosminzdrav.ru/ministry/61/4/stranitsa-857/poryadki-okazaniya-meditsinskoy-pomoschi-naseleniyu-rossiyskoy-federatsii>
- Federal Electronic Medical Library. Access mode: <http://www.femb.ru>
- Medical literature booksmed . Access mode: <http://www.booksmed.com/>
- Library of the physician. Access mode: <http://meduniver.com/Medical/Book/index.html>
- Medical portal. For students, doctors, medical books. Access mode: <http://medvuz.info/load/>
- Electronic medical books. Access mode: <http://www.medliter.ru/>

- Video lessons on medicine. Access mode: <http://meduniver.com/Medical/Video/>
- Medical video portal . Access mode: <http://www.med-edu.ru/>
- Journal of Obstetrics and Gynecology. Access mode: <https://aig-journal.ru/>
- Journal of Gynecology, Obstetrics and Perinatology . Access mode: <https://www.phdynasty.ru/catalog/zhurnaly/voprosy-ginekologii-akusherstva-i-perinatologii/>
- Journal of Obstetrics and Women's Diseases. Access mode: <https://journals.eco-vector.com/index.php/jowd>

4. ASSESSMENT TOOLS FUND

4.1. Examples of test tasks for intermediate knowledge control

Conducted in the Moodle system

Access mode: <https://educ-amursma.ru/course/view.php?id=512>

Total number of tests: 240.

Please indicate one correct answer.

Examples of test tasks:

1. THE MOST COMMON CAUSE OF DEATH IN PREMATURE INFANTS
 - 1) respiratory distress syndrome
 - 2) hemorrhagic disease of the newborn
 - 3) developmental defects
 - 4) infections
2. PREMATURE BIRTH IS BIRTH DURING THE PREGNANCY PERIOD
 - 1) 22-37 weeks
 - 2) 28-37 weeks
 - 3) 24-34 weeks
 - 4) 18-34 weeks
3. WHEN TREATING CERVICAL INSUFFICIENCY IT IS MOST RATIONAL TO USE
 - 1) circular suture on the cervix
 - 2) magnesium sulfate
 - 3) verapamil
 - 4) ginipral

Answer standards: always correct 1.

4.2. List of practical skills that a student should have after completing an internship

1. Collecting anamnesis and filling out documentation
2. External obstetric examination
3. Measuring pelvic dimensions
4. Internal obstetric examination : during pregnancy , in labor
5. Examination of the cervix in mirrors
6. Taking smears to determine the degree of vaginal cleanliness
7. Treatment of colpitis in pregnant women
8. Determining the gestational age
9. Determining the due date
10. Determining the estimated weight of the fetus
11. Management of physiological labor by periods: I period, II period, III period

12. Assessment of general condition, obstetric situation, clinical diagnosis
13. Determination of tactics for pregnancy and childbirth management
14. Assessment of labor activity
15. Amniotomy
16. Determining the condition of the fetus (auscultation, additional research methods)
17. Assessment of the newborn's condition
18. Participation in neonatal resuscitation
19. Determination of signs of placental separation in the third stage of labor
20. Placenta extraction according to Abuladze, Genter , Crede - Lazarevich
21. Examination of the placenta, recording and assessment of blood loss during childbirth
22. Assistance during examination of the cervix with speculums
23. Assistance in restoring the integrity of the birth canal
24. Episiotomy
25. Keeping observation diaries during labor
26. The first toilet of a newborn
27. Evaluation of uterine involution in the late postpartum period
28. Evaluation of the condition of the mammary glands and nipples in the postpartum period
29. Treatment of sutures on the perineum and anterior abdominal wall
30. Removing stitches
31. Attendance at a cesarean section

4.3. List of questions for the test


1. Evaluation of the constitution of a pregnant woman.
2. Determining signs of pregnancy.
3. Methods of external obstetric examination of pregnant women.
4. Measuring the external dimensions of the pelvis.
5. Determination of the arrangement , position, type, and position of the fetus.
6. Diagnosis of breech presentation.
7. Fetal auscultation. Clinical assessment.
8. Estimated intrauterine fetal weight. Methods of determination.
9. Diagnosis of an anatomically narrowed pelvis.
10. Diagnosis of late pregnancy.
11. Determining the period for issuing maternity leave.
12. Determining the due date.
13. Additional methods of examination of pregnant women.
14. Diagnosis of preeclampsia in pregnant women, assessment of severity.
15. Preeclampsia and treatment.
16. Eclampsia and treatment.
17. Diagnosis of the first stage of labor and its management.
18. Management of the second stage of labor.
19. Management of the postpartum period.

20. Signs of placental separation.
21. Methods of placenta extraction.
22. Causes of bleeding in the afterbirth period.
23. Causes of bleeding in the early postpartum period.
24. Stopping hypotonic bleeding.
25. Determination of blood loss during childbirth.
26. Apgar score for newborns .
27. The first toilet of a newborn.
28. Resuscitation of a newborn born with asphyxia.
29. Prevention of gonoblenorrhoea .
30. Examination of the mother (condition of the mammary glands, involution of the uterus).

APPROVED

at a meeting of the Department of Obstetrics and
Gynecology

Protocol No. 7 dated "13" April 2026

Head of the Department  D.S.

**ADDITIONS AND CHANGES TO THE EDUCATIONAL PROGRAM
FOR INDUSTRIAL PRACTICE "PRACTICE OF THE OBSTETRIC AND
GYNECOLOGICAL PROFILE. ASSISTANT TO A HOSPITAL
PHYSICIAN"**

SPECIALTY 31.05.01 "General Medicine"

FOR THE 2026-2027 ACADEMIC YEAR

The tables in section 3.5. "Licensed and freely distributed software used in the educational process", "Professional databases, information and reference systems, electronic educational resources" shall be set out as follows:

List of software (commercial software products)

No. p / p	List of software (commercial software products)	Details of supporting documents
1.	MS operating system Windows 7 Pro	License number 48381779
2.	MS operating system Windows 10 Pro	CONTRACT No. UT-368 from September 21, 2021
3 .	MS Office	License numbers: 43234783, 67810502, 67580703, 64399692, 62795141, 61350919
4.	Kaspersky Endpoint Security for Business - Standard Russian Edition . 50-99 Node 1-year Educational Renewal License	Agreement No. 7 AA dated 02/07/2025
5.	1C Accounting and 1C Salary	LICENSE AGREEMENT 612/L dated 02.02.2022 (additional licenses)
6.	1C: PROF University	LICENSE AGREEMENT No. KrTsB-004537 dated December 19, 2023
7.	1C: PROF Library	LICENSE AGREEMENT No. 2281 dated November 11, 2020
8.	Consultant Plus	Contract No. 41AA dated December 27, 2024
9.	Kontur.Tolk	Agreement No. K213753/24 dated August 13, 2024
10.	3KL e-learning environment (Russian Moodle)	Agreement No. 1362.5 dated November 20, 2024
11.	Astra Linux Common Edition	Agreement No. 142 A dated September 21,

		2021
12.	Information system "Plans"	Agreement No. 2873-24 dated June 28, 2024
13.	1C: Document Management	Agreement No. 2191 dated 10/15/2020
14.	R7-Office	Agreement No. 2 KS dated 12/18/2020
15.	License for the "ROSA CHROME OS Workstation"	Agreement No. 88A dated 08/22/2024
16.	Alt Virtualization Server 10 (for secondary and higher vocational education)	Agreement No. 14AK dated September 27, 2024
17.	Dr.Web Desktop Security Suite Comprehensive Protection + Control Center for 12 months.	Agreement No. 8 dated October 21, 2024
18.	Software "Schedule for educational institutions"	Agreement No. 82A dated July 30, 2024

List of freely distributed software

No. p / p	List of freely distributed software	Links to the license agreement
1.	Yandex Browser	Freely distributed License Agreement for the Use of Yandex Browser Software https://yandex.ru/legal/browser_agreement/
2.	Yandex.Telemost	Freely distributed License Agreement for the Use of Software https://yandex.ru/legal/telemost_mobile_agreement/
3.	Dr.Web CureIt !	Freely distributed License Agreement: https://st.drweb.com/static/new-www/files/license_CureIt_ru.pdf
4.	OpenOffice	Freely distributed License: http://www.gnu.org/copyleft/lesser.html
5.	LibreOffice	Freely distributed License: https://ru.libreoffice.org/about-us/license/
6.	VK Calls	Freely distributed https://vk.com/licence
7.	Kaspersky Free Antivirus	Freely distributed https://products.s.kaspersky-labs.com/homeuser/Kaspersky4Win2021/21.16.6.467/english-0.207.0/3830343439337c44454c7c4e554c4c/kis_eula_en-in.txt

Professional databases, information and reference systems, electronic educational resources

Resource name	Resource Description	Access	Resource address
Electronic library systems			
Student	For students and faculty of medical and	Remote	https://www.studentlibrary.ru/

Consultant. Medical University Electronic Library	pharmaceutical universities. Provides access to electronic versions of textbooks, teaching aids, and periodicals.	access after registration under the university profile	
Reference and information system " MedBaseGeotar ".	The MedBaseGeotar reference and information system is designed for practicing medical specialists, researchers, teachers, postgraduate students, residents, senior students, and healthcare managers to quickly search, select, and read the medical literature they need for their work in a single data source.	Remote access after registration under the university profile	https://mbasegeotar.ru/pages/index.html
Electronic Library System " Bookup "	A large medical library is an information and educational platform for the shared use of electronic educational and methodological publications from medical universities in Russia and the CIS countries.	Remote access after registration under the university profile	https://www.books-up.ru/
Electronic Block System "Lan"	The Network Electronic Library of Medical Universities is an electronic database of educational and scientific works on medical topics, created for the purpose of implementing network forms of professional educational programs, open access to educational materials for partner universities.	Remote access after registration under the university profile	https://e.lanbook.com/
Scientific electronic library " CyberLeninka "	CyberLeninka is a scientific electronic library built on the paradigm of open science (Open Science), whose main goals are the popularization of science and scientific activity, public oversight of the quality of scientific publications, the development of interdisciplinary research, a modern institution of scientific review, increasing the citation rate of Russian science, and building a knowledge infrastructure. It contains over 2.3 million scientific articles.	free access	https://cyberleninka.ru/

Human Biology Knowledge Base	Reference information on <u>physiology</u> , <u>cell biology</u> , <u>genetics</u> , <u>biochemistry</u> , <u>immunology</u> , <u>pathology</u> . (Resource <u>of the Institute of Molecular Genetics of the Russian Academy of Sciences</u> .)	free access	http://humbio.ru/
State Register of Medicines	The State Register of Medicines website contains information about medications: indications, contraindications, mechanism of action, side effects, dosages, and methods of administration.	free access	https://grls.rosminzdrav.ru/GRLS.aspx
Information systems			
Clinical Guidelines Index	A resource of the Russian Ministry of Health that contains clinical guidelines developed and approved by medical professional non-profit organizations of the Russian Federation, as well as methodological manuals, nomenclatures, and other reference materials.	Link to download the application	https://cr.minzdrav.gov.ru/#/
Federal Electronic Medical Library (FEMB)	The Federal Electronic Medical Library is part of the unified state information system in the field of healthcare as a reference system . The FEMB was created on the basis of the collections of the I.M. Sechenov Central Scientific Medical Library.	free access	https://femb.ru/
Russian State Library (RSL)	Collection size: approximately 3 million titles Period covered: from the 11th century to the present The Russian State Library's Electronic Library is a collection of electronic copies of valuable and frequently requested publications from the Russian State Library's collections, from external sources, as well as documents originally created in electronic form.	Registration on the website	https://www.rsl.ru/
Russian Medical Association	A professional online resource. Purpose: to promote effective professional activity among medical personnel. Contains the charter, personnel, structure, membership rules,	free access	http://www.rmass.ru/

	and information about the Russian Medical Union.		
Web medicine	The website provides a directory of professional medical resources, including links to the most authoritative specialized websites, journals, societies, as well as useful documents and programs. It is intended for physicians, students, and staff of medical universities and research institutions.	free access	http://webmed.irkutsk.ru/
Databases			
World Health Organization	The site contains news, statistics on countries that are members of the World Health Organization, fact sheets, reports, WHO publications, and much more.	free access	http://www.who.int/ru/
Ministry of Science and Higher Education of the Russian Federation	The website of the Ministry of Science and Higher Education of the Russian Federation contains news, newsletters, reports, publications, and much more.	free access	http://www.minobrnauki.gov.ru
Ministry of Education of the Russian Federation	The website of the Ministry of Education of the Russian Federation contains news, newsletters, reports, publications, and much more.	free access	https://edu.gov.ru/
Polpred.com	Electronic library system Business media. Media review	free access	https://polpred.com/news
Bibliographic databases			
Database "Russian Medicine"	Created at the Central Scientific and Methodological Library, it covers the entire collection since 1988. The database contains bibliographic descriptions of articles from Russian journals and collections, dissertations and their abstracts, as well as Russian and foreign books, institute proceedings, conference materials, etc.	free access	https://rucml.ru/

	Thematically, the database covers all areas of medicine and related fields of biology, biophysics, biochemistry, psychology, etc.		
PubMed	A text database of medical and biological publications in English. PubMed is an electronic search engine with free access to 30 million publications from 4,800 indexed medical journals. The database contains articles published from 1960 to the present, including information from MEDLINE, PreMEDLINE, and NLM. Each year, the portal is updated with more than 500,000 new papers.	free access	https://pubmed.ncbi.nlm.nih.gov/
eLIBRARY.RU	A Russian information portal in science, technology, medicine, and education, containing abstracts and full texts of over 13 million scientific articles and publications. The eLIBRARY.RU platform offers electronic versions of over 2,000 Russian scientific and technical journals, including over 1,000 open-access journals.	Full functionality of the site is available after registration.	http://elibrary.ru/defaultx.asp
Electronic library of dissertations (RSL)	Currently, the Electronic Library of Dissertations of the Russian State Library contains more than 919,000 full texts of dissertations and abstracts.	free access	http://diss.rsl.ru/?menu=disscatalog/
Medline.ru	Medical and biological portal for specialists. Biomedical journal.	free access	https://journal.scbmt.ru/jour/index
Official Internet portal of legal information	The single official state information and legal resource in Russia	free access	http://pravo.gov.ru/