


Министерство науки и высшего образования РФ Ульяновский государственный университет	Форма	
Ф-Рабочая программа дисциплины		

APPROVED BY  
by the decision of the Academic Council of the USU  
Institute of Medicine, Ecology and Physical Culture  
18.05.2022 Record No. 9/239

Chairman Midlenko V.I.

(Signature, Name)

« 18 » May 2022.

### WORKING PROGRAM OF THE DISCIPLINE

Discipline:	Obstetrics and gynecology
Faculty	Medical
Department	Obstetrics and Gynecology (AH)
course	4,5,6 (7-8-9-A-B semesters)

Direction (specialty) 31.05.01. "Medical business" (with the development of part of the program in English  
(code of the direction (specialty), full name))

Form of training full-time  
full-time, part-time, part-time (indicate only those that are implemented)

Date of introduction to the educational process of USU: " 01 " September 2022

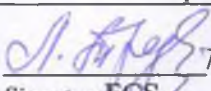
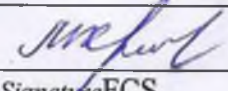
The program was updated at the meeting of the department: protocol no. 1 from 31.08.2023d.


The program was updated at the meeting of the department: protocol no. 1 from 30.08.2024d.

The program was updated at the meeting of the department: protocol no.    from    20   d.

#### Information about developers:

FCS	Department	Position, academic degree, title
Tajieva V. D.	Obstetrics and Gynecology (AH)	Docent of the Department of Obstetrics and Gynecology
Marinova O. A.	Obstetrics and Gynecology (AH)	Assistant of the Department of Obstetrics and Gynecology

AGREED	AGREED
Head of the Department of Obstetrics and Gynecology, implementing the discipline	Head of the Graduate Department of Hospital Therapy
 Trubnikova L. I. Signature FCS «18» мая 2022г.	 / Vise-Khripunova M.A./ Signature FCS «18» мая 2022 г.

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## 1. PURPOSE AND OBJECTIVES OF THE DISCIPLINE DEVELOPMENT

**Purpose:** To train a highly qualified specialist doctor with extensive theoretical knowledge in the field of obstetrics and gynecology, able to solve professional problems; able to conduct a differential diagnostic search; to provide full medical care; to carry out all necessary preventive and rehabilitative measures to preserve the life and health of a woman during pregnancy and childbirth and reduce the level of reproductive losses, improve the reproductive health of a woman in various periods of her life by acquiring new knowledge on maternal and child health and modern organizational and diagnostic technologies.


### Tasks of mastering the discipline

#### • knowledge formation

1. Development of a set of measures aimed at preserving health, including the formation of a healthy lifestyle, the occurrence of diseases, their early diagnosis, identification of the causes and conditions of their occurrence and development, as well as aimed at eliminating the harmful effects of environmental factors on human health;
2. Carrying out preventive medical examinations, medical examination, implementation of dispensary monitoring of healthy and chronic gynecological diseases;
3. Determination of pathological conditions, symptoms, disease syndromes, nosological forms in patients in accordance with the International Statistical Classification of Diseases and Health-Related Problems;
4. Management and treatment of patients with gynecological diseases;
5. Organization of medical care in emergency and emergency situations.

#### • formation of skills, practical skills

- Fundamentals of provision and standards of outpatient and inpatient care for women with gynecological diseases;
- Factors affecting reproductive health, criteria characterizing it;
- Anatomy and physiology of internal genitalia, urinary organs, lower colon;
- Features of the physiological course of pregnancy, childbirth, and the postpartum period;
- Modern methods of prevention, diagnosis and treatment, rehabilitation of patients in the profile "Obstetrics and gynecology";
- Pathophysiology of functional systems and organs, pathogenesis of gynecological diseases;
- Principles of complex treatment of diseases in obstetrics and gynecology;
- Rules of emergency medical care; fundamentals of pharmacotherapy for various gynecological diseases and complications of pregnancy, childbirth, and the postpartum period;
- The main provisions of the examination of temporary disability; medical and social expertise and the procedure for their conduct; the basics of health education; rules for registration of medical documentation;
- Pain syndromes and their therapy;
- Conduct a complete general and special physical examination of the patient (examination, palpation, percussion, auscultation);
- To establish the term of pregnancy, to assess the state of health of the pregnant woman, to identify possible violations and to carry out a set of dispensary measures;
- To identify signs of a complicated course of pregnancy, childbirth, and the postpartum

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period and carry out all necessary measures to correct them;

Timely determine the indications for cesarean section surgery;

To substantiate the tactics of pregnancy and childbirth in extragenital pathology;

To assess the nature of labor in a woman in labor, to diagnose the presence and nature of labor anomalies, to carry out their drug correction;

To establish the cause of obstetric bleeding and provide the necessary assistance in this condition;

To assess the condition of the fetus during pregnancy and childbirth; to establish signs of chronic/acute intrauterine hypoxia of the fetus and provide the necessary assistance; perform resuscitation measures for asphyxia and birth trauma of the newborn;


Formulate a preliminary diagnosis and make a plan for laboratory and instrumental examination in gynecological patients; carry out differential diagnostics, independently conduct and organize diagnostic, therapeutic, rehabilitation measures in patients with gynecological diseases;

## 2. THE PLACE OF DISCIPLINE IN THE STRUCTURE OF THE OPOP

3.1. The discipline belongs to the basic part of the educational program.

### **The list of competencies in the discipline of Obstetrics and gynecology in the specialty 31.05.01 "Medical care" (with the development of part of the program in English), indicating the stages of their formation in the process of mastering OPOP**

semesters	Disciplines	competencies		
		OPK-5	OPK-7	PC-2
7,8,9,A,B	<b>Obstetricsandgynecology</b>	+	+	+
1-2	Biology	+		
1-3	Anatomy	+		
2	Embryonic development of body tissues	+		
2,3	Histology, embryology, cytology	+		
2,3	Biochemistry	+		
3	Neuroanatomy	+		
3,4	Normalphysiology	+		
3,4	Microbiology, virology	+		
4	Physiologyofvisceralsystems	+		
4,5	General surgery. Introduction to the specialty.		+	
5,6	Propaedeuticsofinternaldiseases	+	+	+
4,5	General surgery. Introduction to the specialty		+	+
4	Immunology		+	
5,6	Pathologicalanatomy	+		+
5,6	Pharmacology		+	
5,6	Pathophysiology,	+		

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	clinicalpathophysiology			
7	Dentistry		+	+
7,8	Neurology, medicalgenetics, neurosurgery			+
7	Otorhinolaryngology			+
7-8	Pediatrics			+
7,8	Facultytherapy		+	+
7,8	FacultySurgery			+
8	Dermatovenerology		+	+
8	Urologyandandrology			+
9	Psychiatry, medicalpsychology		+	+
9	Clinicalpsychology		+	
9	Ophthalmology			+
9	Endocrinology		+	+
9-11	Hospital surgery, pediatricssurgery		+	+
9-10	Infectiousdiseases		+	+
9,A,B,C	Hospital therapy		+	+
9,A,B,C	Outpatienttherapy		+	
A	Forensicmedicine	+		+
A	Traumatology, orthopedics			+
B	<b>Topicalissuesofgynecology</b>			+
B	Anesthesiology, intensive care and intensive care		+	
B	ClinicalPharmacology		+	
C	Topical issues of internal diseases			+
C	Clinicalelectrocardiography			+
C	Surgicalgastroenterologyandendoscop y			+
C	Oncology, radiationtherapy		+	+
C	Radiationdiagnostics			+
C	Modern aspectsofoncology			+
C	Phthisiology		+	+
C	Diagnosis and treatment of extrapulmonary tuberculosis			+
C	Current issues of HIV infection			+
2	Therapeuticpatientcare			+
2	Care ofsurgicalpatients	+		
2	Assistant to the junior medical staff			+
4	Preparationforclinicalpractice			+
4	Assistant Ward Nurse			+
5	Diagnosticpractice			+
5	Dialogue between a doctor and a patient (diseases of the gastrointestinal tract)			+
5	The doctor's dialogue with the patient (diseases of the excretory system)			+
5	Dialogue between a doctor and a patient (diseases of the respiratory system)			+

6	Dialogue between a doctor and a patient (diseases of the cardiovascular system)			+
7	Analysis of a scientific text (gynecology)			+
9	Analysis of a scientific text (obstetrics)			+
9	Analysis of a scientific text (therapy)			+
A	Analysis of a scientific text (surgery)			+
6	Assistant Nurse			+
6	Practice on obtaining professional skills and professional experience in the positions of secondary medical personnel			+
8	Assistant to the doctor of an inpatient institution	+		+
A	Assistant doctor of an outpatient clinic		+	
C	<b>Preparation for passing and passing the state exam</b>	+	+	+


**3. THE LIST OF PLANNED RESULTS OF TRAINING IN THE DISCIPLINE "OBSTETRICS AND GYNECOLOGY", CORRELATED WITH THE PLANNED RESULTS OF THE DEVELOPMENT OF THE MAIN PROFESSIONAL EDUCATIONAL PROGRAM 31.05.01. "Medical business" (with the development of part of the program in English)**

**1. OPK-5. Ability to evaluate morphofunctional, physiological states and pathological processes in the human body for solving professional tasks**


<i>To know</i>	<b>IDK-1 OPK 5</b> structure, topography and development of cells, tissues, organs and systems of the body in interaction with their function in health and disease, features of the body and population levels of organization of vital activity; anatomy physiological, age-sex and individual features of the structure and development of a healthy and healthy organism; the structure of the human body in combination with the function and topography of systems and organs, functional systems of the human body, their regulation and self-regulation under the influence of the external environment in normal and pathological conditions; physico-chemical essence of processes occurring in a living organism at the molecular, cellular, tissue and organ levels; basic laws of development and vital activity of the organism based on the structural organization of cells, tissues and organs; histofunctional features of tissue elements, methods of their research; classification, morphology and physiology of microorganisms and viruses, their impact on human health, methods of microbiological diagnostics, the use of basic antibacterial, antiviral and biological drugs; the device of a microbiological laboratory and rules; principles of classification of microorganisms, features of structure and vital activity; methods of isolation of pure cultures of aerobic and anaerobic bacteria and methods of virus cultivation; fundamentals of microbial genetics; the essence of biotechnology, concepts and principles of genetic engineering, drugs obtained by genetic engineering basic concepts and problems of the biosphere and ecology, the phenomenon of parasitism and
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	<p>bioecological diseases; functional systems of the human body, their regulation and self-regulation under the influence of the external environment in normal and pathological conditions; structural and functional foundations of diseases and pathological processes, causes, main mechanisms of development and outcomes of typical pathological processes, disorders of the functions of organs and systems; - the structure and functions of the human immune system, its age-related features, cellular and molecular mechanisms of development and functioning of the immune system, the main stages, types, genetic control of the immune response, methods of immunodiagnostics; methods of assessing the immune status, indications and principles of its assessment, immunopathogenesis, methods of diagnosis of major diseases of the human immune system, types and indications for the use of immunotropic therapy; general patterns of the origin and development of life, anthropogenesis and human ontogenesis; basic laws of development and vital activity of the organism based on the structural organization of cells, tissues and organs; concepts of etiology, pathogenesis, morphogenesis, pathomorphosis of the disease, nosology, principles of classification of diseases, basic concepts of general nosology; the role of causal factors and pathogenic conditions in the occurrence of typical pathological processes and diseases; primary pathological reactions; the development of cause-and-effect relationships in the pathology of the whole organism; the importance of the reactivity of the organism in the occurrence, development and outcome of typical pathological processes and diseases; the laws of pathogenesis and sanogenesis 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 complications of pregnancy, labor and postpartum periods, gynecological diseases</p>
<i>Be able to</i>	<p><b>ID-2 OPK5</b></p> <p>use educational, scientific, popular science literature, the Internet for professional activities; palpate the main bone landmarks on a person, outline the topographic contours of organs and major vascular and nerve trunks; explain the nature of deviations in the course of development that</p> <p>they can lead to the formation of variants of anomalies and defects; palpate the main bone landmarks on outline the topographic contours of organs and major vascular and nerve trunks; visually assess and record changes in organs and tissues of the corpse;</p> <p>to substantiate the nature of the pathological process and its clinical features</p> <p>to give a conclusion about the cause of death and formulate a pathoanatomical diagnosis; to use physical, chemical and biological equipment; to work with magnifying equipment (microscopes, optical and simple magnifiers); to give a histophysiological assessment of the state of various cellular, tissue and organ structures; to describe morphological changes in the studied macroscopic, microscopic preparations and electronograms; to interpret the results of the most common methods of functional diagnostics,</p> <p>it is used to detect pathology of blood, heart and blood vessels, lungs, kidneys, liver and other organs and systems; to recognize changes in the structure of cells, tissues and organs in connection with various physiological and protective-adaptive reactions of the body. to evaluate the results of electrocardiography; spirometry; thermometry; hematological parameters; distinguish between normal levels of metabolites in blood serum (glucose, urea, bilirubin, uric acid, lactic and pyruvic acid, etc.);</p> <p>read the proteinogram and explain the reasons for the differences; interpret the data of enzymological studies of blood serum; explain the mechanisms of development and</p>

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	<p>manifestation of diseases, as well as the mechanisms of action of various principles of treatment and prevention. to register an ECG in experimental animals and humans, to determine from ECG data the main types of arrhythmias, signs of ischemia and myocardial infarction; to conduct a cytological assessment of inflammatory exudate and to determine phagocytic activity;</p> <p>calculate and analyze the leukocyte formula; formulate, register and analyze coagulogram parameters according to hemogram data; apply basic antibacterial, antiviral and biological drugs; evaluate possible manifestations of drug overdose and ways to eliminate them; morphological changes in the studied macroscopic, microscopic preparations and electronograms; determine and evaluate the results of electrocardiography; spirometry; thermometry; hematological indicators; to distinguish normal values of the level of metabolites in blood serum (glucose, urea, bilirubin, uric acid, lactic and pyruvic acids, etc.) from pathologically altered ones, read the proteinogram and explain the reasons for the differences; interpret the data of enzymological studies of blood serum; diagnose pathogens of human parasitic diseases on the preparation, slide, photo;</p> <p>conduct microbiological and immunological diagnostics; analyze issues of general pathology and modern theoretical concepts and trends in medicine;</p> <p>to characterize and evaluate the levels of organization of the human immune system, to evaluate the mediator role of cytokines; to justify the need for a clinical and immunological examination of the patient, to interpret the results of the assessment of the immune status according to level 1 tests; to interpret the results of basic diagnostic allergological studies;</p> <p>to substantiate the need for the use of immunocorrective therapy; to probe the main bone landmarks on a person, to outline the topographic contours of organs and major vascular and nerve trunks; to explain the nature of deviations in the course of development that can lead to the formation of variants of anomalies and defects.</p>
<b>to have skills in</b>	<b>ID-3 OPK 5</b> methods of assessment of anatomical, physiological and pathological conditions of women; methods of physical examination of women in any period of life and condition.
<b>1. OPK-7 The ability to prescribe treatment and monitor its effectiveness and safety</b>	
<i>To know</i>	<b>IDK-1 OPK 7</b> classification and main characteristics of medicines, pharmacodynamics and pharmacokinetics, indications and contraindications to the use of medicines, side effects; General principles of design of formulations and preparation of prescription drugs; methods of treatment and indications for their use; mechanism of therapeutic effect of physical therapy and physical therapy, indications and contraindications to their appointment, their behavior; types and methods of modern general anesthesia (mask, endotracheal, intravenous), prevention of postoperative pulmonary complications, clinical and pharmacological characteristics of the main groups of drugs and rational choice of specific drugs in the treatment of major pathological syndromes of diseases and emergency conditions in patients, including the basics of anti-doping legislation.
<i>Be able to</i>	<b>ID-2 OPK7</b> use physical, chemical and biological equipment; classify chemical compounds based on their structural formulas; predict the direction and result of physico-chemical processes and chemical transformations of biologically important substances; use the IUPAC nomenclature to compile names according to formulas of typical representatives of biologically significant substances and medicines; analyze the effect of medicines on the totality of their pharmacological properties and the possibility of their use for

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	therapeutic treatment; prescribe prescriptions for medicines, use various dosage forms in the treatment of certain pathological conditions based on the characteristics of their pharmacodynamics and pharmacokinetics; use basic antibacterial antiviral and biological drugs; to evaluate possible manifestations of drug overdose and ways to eliminate them; to formulate indications for the chosen method of treatment, taking into account etiologic and pathogenetic agents; to substantiate pharmacotherapy in a particular patient with major pathological syndromes and urgent conditions, to determine the method of administration, regimen and dose of medications, to evaluate the effectiveness and safety of the treatment; use various methods of drug administration.
<b>to have skills in</b>	<b>ID-3 OPK 7</b> methods of analysis of clinical, laboratory and instrumental data to determine the algorithm of management of pregnant, parturient and maternity, and gynecological patients, drawing up schemes of drug and non-drug treatment.
<b>3. PC-2 Readiness to collect and analyze patient complaints, his anamnesis data, examination results, laboratory, instrumental, pathologic-anatomical and other studies in order to recognize the condition or establish the presence or absence of the disease</b>	
<i>To know</i>	diagnostic methods, diagnostic capabilities of methods of direct examination of a woman of obstetric and gynecological profile; modern methods of clinical, laboratory, instrumental examination of women (including endoscopic, X-ray methods, ultrasound diagnostics).
<i>Be able to</i>	to determine the condition of a pregnant woman, a woman with a gynecological disease: to collect anamnesis, to conduct a survey of the patient and / or his relatives, to conduct a physical examination of the woman (examination, palpation, auscultation); to conduct a primary examination of systems and organs: respiratory organs, cardiovascular, blood and hematopoietic organs, digestive organs, endocrine and urinary; outline the scope of additional studies in accordance with the prognosis of pregnancy and gynecological disease, clarify the diagnosis and get a reliable result.
<b>to have skills in</b>	methods of general clinical objective examination (questionnaire, examination, palpation, percussion, auscultation) in pregnancy and diseases of the genitals; interpretation of the results of laboratory, instrumental diagnostic methods in pathology

#### 4. THE TOTAL LABOR INTENSITY OF THE DISCIPLINE

##### 4.1 . The volume of the discipline in credit units (total) 12 The total labor intensity is **12 ZET (432 academic hours)**

The basic foundation for studying the subject is laid at the junior courses, at the departments of anatomy, physiology, biochemistry, pharmacology, propaedeutics of internal diseases and radiation diagnostics, general surgery (previous training). In parallel, the study of pathological physiology, pathological anatomy, microbiology, immunology, virology is carried out at the relevant departments. To study the discipline, you need knowledge, skills and skills formed by previous disciplines/practices:

##### 4.2. The volume of discipline by type of academic work (in hours) **432 hours**



Type of educational work	Number of hours (form of study full-time )					
	Total according to the plan	Including semesters				
		7	8	9	A	B
1	2	3	4	5		
<b>Contact work of students with the teacher in accordance with the UP / including in an interactive form</b>	<b>300/45</b> *282/45	56/6 *56/6	74/9 *74/9	44/9 *44/9	36/9 *36/9	<b>90/12</b> *72/12
Classroom classes:	<b>300</b>	56	74	44	36	<b>90</b>
* Lectures (including PrP)*	<b>54</b> *54	10 *10	12 *12	14 *14	-	18 *18
* practical classes (including PrP)*	<b>246/45</b> *228/45	46/6 *46/6	62/9 *62/9	30/9 *30/9	36/9 *36/9	<b>72/12</b> *54/12
<b>Independent work</b>	<b>96</b>	16	34	28	18	
The form of current knowledge control and control independent work: testing, counter. work, colloquium, abstract, etc. (at least 2 types)	Testing Solving problems History of childbirth Medical history Curation Report	Testing Solving problems History of childbirth Curation Report		Testing Solving problems Medical history Curation Report		Testing Solving problems Curation Report
<b>Types of intermediate certification (exam, test)</b>	<b>Test exam</b>		<b>test</b>		<b>test</b>	<b>exam 36 ч.</b>
<b>Total hours in the discipline</b>	<b>432ч</b>	<b>72ч.</b>	<b>108ч</b>	<b>72ч</b>	<b>54ч.</b>	<b>90h.+36h. exam 126h</b>
<b>ZET</b>	<b>12 ZET</b>	<b>2 ZET</b>	<b>3 ZET</b>	<b>2 ZET</b>	<b>1,5 ZET</b>	<b>3,5 ZET</b>


If it is necessary to use partially/exclusively distance educational technologies in the educational process, the number of hours of work of teaching staff with students for conducting classes in a remote format using e-learning is indicated in the table using a slash.

\* the hours of the PRP for the discipline are indicated in accordance with the UP, if the discipline provides for the performance of individual elements of work related to the future professional activities of students.


### 4.3. The content of the discipline. Distribution of hours by topics and types of academic work:

Form of study \_\_ **full-time** \_\_\_\_\_


Name of sections and topics	Total	Types of training sessions					The form of current knowledge control
		Classroom classes			Employment in an interactive form	Independent work	
		Lectures	Practical classes, seminars	Laboratory work, workshops			
1	2	3	4	5	6	7	
<b>Section 1. Midwifery 7-8 semester</b>							
1 Principles of organization of obstetric and gynecological care in Russia. Indicators of the activity of the obstetric hospital.	2	2					Testing
2. Ovarian-menstrual cycle	2	2					Testing
3. Physiological mechanisms of regulation of labor activity. The course and management of normal childbirth.	2	2					Testing
4. Anomalies of labor activity	2	2					Testing
5. Bleeding in the first half of pregnancy.	2	2					Testing
6. Bleeding in the second half of pregnancy, in the subsequent and early postpartum periods	2	2					Testing
7. Birth trauma of the mother and fetus	2	2					Testing
8. Preeclampsia/ Eclampsia (etiology, pathogenesis, clinic, diagnosis and treatment).	2	2					Testing
9. Caesarean section in modern obstetrics.	2	2					Testing
10. Postpartum septic diseases.		2					Testing
11. Extragenital pathology and pregnancy	2	2					Testing
1. The subject of Obstetrics. Principles of organization of obstetric and gynecological care in Russia. Indicators of the activity of the obstetric hospital.	6		6				Testing Solving problems History of childbirth Curation Report
2. The birth canal and the fetus as an object of childbirth. Obstetric terminology.	6		6				Testing Solving problems History of childbirth

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							Curation Report
3. Biomechanism of labor in anterior and posterior types of occipital presentation. Extensor presentation of the fetus	6/3		6		3		Testing Solving problems History of childbirth Curation Report
4. Diagnosis of early and late pregnancy. Methods of examination of pregnant women and women in labor.	6		6				Testing Solving problems History of childbirth Curation Report
5. Narrow basins. Classification, diagnosis, management of pregnancy and childbirth	6/3		6		3		Testing Solving problems History of childbirth Curation Report
6. Pelvic presentation. Features of the clinic and management of childbirth. Manual aids for pelvic presentations. Fetal extraction by the pelvic end	6/3		6		3		Testing Solving problems History of childbirth Curation Report
7. Transverse position of the fetus. The classic turn of the fetus on the leg. Fruit-destroying operations	6/3		6		3		Testing Solving problems History of childbirth Curation Report
8. Physiological mechanisms of regulation of labor activity. The course and management of normal childbirth.	6		6				Testing Solving problems History of childbirth Curation Report
9. Anomalies of labor activity	6		6				Testing Solving problems History of childbirth Curation Report
10. Physiological postpartum period. Primary and secondary treatment of newborns	6		6				Testing Solving problems History of childbirth Curation Report
11. Fetal hypoxia. Methods of	6		6				Testing

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diagnosis, therapy							Solving problems History of childbirth Curation Report
12. Postpartum septic diseases.	6		6				Testing Solving problems History of childbirth Curation Report
13. Bleeding in the first half of pregnancy. Immunological incompatibility of mother and fetus. Hemolytic disease.	6		6				Testing Solving problems History of childbirth Curation Report
14. Bleeding in the second half of pregnancy, in the subsequent and early postpartum periods	6		6				Testing Solving problems History of childbirth Curation Report
15. Preeclampsia/ Eclampsia (etiology, pathogenesis, clinic, diagnosis and treatment).	6		6				Testing Solving problems History of childbirth Curation Report
16. Caesarean section in modern obstetrics.	6		6				Testing Solving problems History of childbirth Curation Report
17. Obstetric forceps. Vacuum extraction of the fetus	6/3		6		3		Testing Solving problems History of childbirth Curation Report
18. The structure and organization of the work of the women's consultation. The main indicators of its activity. Features of medical examination of pregnant women at high risk. Toxicosis of the first half of pregnancy	6		6				Testing Solving problems History of childbirth Curation Report
1. Ovarian-menstrual cycle.	10					10	Solving problem

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							ms
2. Fertilization. Stages of intrauterine fetal development.	9					9	Solving problems
3. Changes in a woman's body during pregnancy	8					8	Solving problems
4. Perinatology as a science. The concept of a feto-placental unit. The influence of harmful factors on the fetus.	10					10	Solving problems
5. Fetal hypoxia and newborn asphyxia	8					8	Solving problems
6. Miscarriage. perenashivanie pregnancy.	5					5	Solving problems
Protection of the birth history. Test							test
<b>Total: 5 ZET</b>	<b>180/15</b>	<b>22</b>	<b>108</b>	<b>-</b>	<b>15</b>	<b>50</b>	<b>Test Testing Solving problems History of childbirth Curation</b>
<b><i>Section 2. Gynecology 9th semester</i></b>							
1. Abnormal uterine bleeding.	2	2					Testing
2. Neuro-endocrine syndromes		2					Testing
3. Uterine fibroids.	2	2					Testing
4. Endometriosis	2	2					Testing
5. Inflammatory diseases of the female genital organs of non-specific and specific etiology.	2	2					Testing
6. Benign and precancerous diseases of the cervix. Cervical cancer.	2	2					Testing
7. Infertile marriage. Family planning. Modern contraceptives.	2	2					Testing
1. Anatomy of the female genital organs. Methods of research in gynecology.	6/10		6			10	Testing Solving problems History of childbirth Curation Report
2 Ovarian-menstrual cycle and its regulation. Functional diagnostic tests.	6		6				Testing Solving problems History of childbirth Curation Report

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3. Amenorrhea. Hypomenstrualsyndrome.	6		6				Testing Solving problems History of childbirth Curation Report
4. Neuro-endocrinesyndromes	6		6				Testing Solving problems History of childbirth Curation Report
5. Uterinefibroids	6/5		6		5		Testing Solving problems History of childbirth Curation Report
6. Endometriosis	6/3		6		3		Testing Solving problems History of childbirth Curation Report
7. Abnormal uterine bleeding. Hyperplastic processes of the endometrium. Canceroftheuterinebody	6		6				Testing Solving problems History of childbirth Curation Report
8. Inflammatory diseases of the female genital organs of non- specific and specific etiology	6		6				Testing Solving problems History of childbirth Curation Report
9. Benign and precancerous diseases of the cervix. Cervicalcancer.	6		6				Testing Solving problems History of childbirth Curation Report
10. Benign ovarian tumors. Ovarian cancer.	6		6				Testing Solving problems History of childbirth Curation Report
11. Medical examination of gynecological patients. Day hospitals. Risk groups Family planning. Modern	6		6				Testing Solving problems History of


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contraceptives							childbirth Curation Report
1. Acuteabdomeningynecology	8					8	Solvingproble ms
2. Organization of gynecological care in Russia. The structure and organization of the work of the gynecological hospital. performance indicators.	6					6	Solvingproble ms
3. Menstrual cycle disorders (classification, etiopathogenesis, diagnosis, general principles of therapy).	8					8	Solvingproble ms
4. Endoscopicmethodsingynecolo gy	4					4	Solvingproble ms
5. Physiotherapy and balneological methods of treatment of gynecological patients	4					4	Solvingproble ms
6. Trophoblasticdisease	8					8	Solvingproble ms
Protection of the medical history. Test						8	Test Medical history
<b>Total:3.5 ZET</b>	<b>126/18</b>	<b>14</b>	<b>66</b>	<b>-</b>	<b>18</b>	<b>46</b>	<b>Testing Solving problems History of childbirth Curation Report</b>
<b><i>Section 3 Obstetrics and Gynecology Per semester</i></b>							
1. Massive obstetric bleeding. Hemorrhagic shock. DIC syndrome	2	2					Testing
2. Preeclampsia and eclampsia, modern classification and therapy of severe forms	2	2					Testing
3. Placental insufficiency and fetal development delay syndrome	2	2					Testing
4. Septicshock. Obstetricperitonitis	2	2					Testing
5. Abnormaluterinebleeding	2	2					Testing
6. Principles of hormone therapy in gynecology	2	2					Testing
7. Inflammatory diseases of the genitals of a specific etiology. STIs	2	2					Testing
8. Acuteabdomeningynecology	2	2					Testing
9. Neuro-endocrinesyndromes	2	2					Testing

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1. Maternal and perinatal mortality. Reasons, ways of reducing. Levels of obstetric care. Routing of pregnant women, women in labor, maternity hospitals. The concept of near miss.	6		6				Testing
2. The modern doctrine of the narrow pelvis. Clinically narrow pelvis.	7/3		7		3		Testing Solving problems
3. Pelvic presentation, management and delivery tactics in modern obstetrics. The transverse position of the fetus. Obstetric forceps, indications, conditions, equipment. Vacuum extraction of the fetus, indications, conditions, technique	6/3		6		3		Testing Solving problems
4. Anomalies of labor activity, modern aspects of diagnosis, treatment, delivery, prevention.	7		7				Testing Solving problems
5. Bleeding in the first half of pregnancy. diagnosis, treatment, prevention, prognosis. Premature birth. Premature detachment of the normally located placenta. Placenta previa. Management of pregnancy and childbirth	6		6				Testing Solving problems History of childbirth Curation Report
6. Bleeding in the subsequent and early postpartum periods. Modern methods of stopping uterine bleeding. Rupture of the uterus	7		7				Testing Solving problems History of childbirth Curation Report
7. Preeclampsia and eclampsia, modern classification and therapy of severe forms	6		6				Testing Solving problems History of childbirth Curation Report
8. Caesarean section in modern obstetrics.	7/3		7				Testing Solving problems History of childbirth Curation Report
9. Postpartum septic diseases	6		6				Testing Solving problems History of childbirth Curation Report
10.	7/3		7		3		Testing



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Pregnancy and extragenital pathology							Solving problems History of childbirth Curation Report
11. Intrauterine fetal hypoxia. Modern methods of diagnosing the condition of the intrauterine fetus: chronic and acute fetal hypoxia.	7/3		7		3		Testing Solving problems History of childbirth Curation Report
<b>Exam</b>							<b>Exam</b>
<b>Total: 3.5 ZET</b>	<b>126/12</b>	<b>18</b>	<b>72</b>		<b>12</b>		<b>36 Exam</b>
<b>Total: 12 ZETAS</b>	<b>432/45</b>	<b>54</b>	<b>246</b>		<b>45</b>	<b>96</b>	<b>36</b>

## 5. THE CONTENT OF DISCIPLINE

### Lectures

#### Section 1. Midwifery (7-8 semester)

##### *Topic 1. Principles of organization of obstetric and gynecological care in Russia. Indicators of the activity of the obstetric hospital.*

The subject of obstetrics, the main stages of the development of obstetrics. Indicators of the activity of the obstetric hospital. The national obstetric and gynecological school and its leaders. The role of Russian scientists in the development of obstetrics. A brief history of the department.

##### *Topic 2. Ovarian-menstrual cycle.*

The main periods in a woman's life. The formation of specific functions of the female body: menstrual, reproductive. Regulation of the ovarian-menstrual cycle. Hormones and their biological role.

##### *Topic 3. Physiological mechanisms of regulation of labor activity.*

The course and management of normal childbirth. The reasons for the onset of labor. Prostaglandin theory of the development of labor activity. Regulation of labor activity. The concept of the body's readiness for childbirth. Periods of labor. Duration of labor. Management of childbirth.

##### *Topic 4. Anomalies of labor activity.*


Disorders of the contractile activity of the uterus, classification, etiology, clinic, diagnosis and basic principles of treatment.

##### *Topic 5. Bleeding in the first half of pregnancy.*

Spontaneous abortion; ectopic pregnancy; bubble drift. Etiology, diagnosis, clinic, principles of treatment.

##### *Topic 6. Bleeding in the second half of pregnancy, bleeding in the subsequent and early postpartum periods.*

Placenta previa, PONRP. Etiology, pathogenesis; clinic, diagnosis, course. Violation of the processes of separation and isolation of the afterbirth. Causes, diagnosis, treatment. Hypo- and atonic state of the uterus. Etiology, pathogenesis, clinic, treatment. Hemorrhagic shock,

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thrombohemorrhagic syndrome. Modern principles of treatment.

***Topic 7. Birth trauma of the mother and fetus.***

Ruptures of the uterus, perineum, cervix, vagina, causes, clinic, treatment. Prevention.

***Topic 8. Preeclampsia/eclampsia (etiology, pathogenesis, clinic, diagnosis and treatment).***

Classification, etiology, pathogenesis. Clinic and diagnostics. Basic principles of treatment. Prevention of preeclampsia in the railway.

***Topic 9. Caesarean section in modern obstetrics.***

The history of the development of cesarean section. Classification. Absolute and relative indications for cesarean section, conditions, contraindications, the technique of corporeal caesarean section and cesarean section in the lower uterine segment. Advantages and disadvantages of each method. Management of the postoperative period

***Topic 10. Postpartum septic diseases.***

Classification, etiology, pathogenesis. Clinic, diagnosis, treatment and prevention of postpartum septic diseases (postpartum ulcers, endometritis, parametritis, salpingoophoritis, pelvioperitonitis). Septic shock. Clinic, diagnosis, therapy.

***Topic 11. Extragenital pathology and pregnancy.***

Diseases of the cardiovascular system (heart defects, hypertension, hypotension), anemia, pyelonephritis, diabetes mellitus and pregnancy.

**Section 2. Gynecology (9-A).**

***Topic 1. Abnormal uterine bleeding. Hyperplastic processes of the endometrium. Cancer of the uterine body.***

Definition of the concept of AMC. Classification of PALM and COEIN. Diagnostic methods, tactics of management of patients with abnormal uterine bleeding.

***Topic 2. Neuro-endocrine syndromes.***

Premenstrual syndrome. Pathogenesis. Clinical manifestations, differential diagnosis. Modern approaches to treatment. Menopausal syndrome. Pathogenesis, clinic, diagnosis, treatment. Post-castration syndrome. The mechanism of occurrence, changes in various organs and systems, clinic, treatment.


***Topic 3. Uterine fibroids.***

Modern theories of the pathogenesis of uterine fibroids. Classification, clinic, diagnosis. Conservative and surgical methods of treatment. Indications for the choice of the treatment method. Rehabilitation measures.

***Topic 4. Endometriosis.***

Definition of the concept. Modern ideas about the occurrence of endometriosis. Classification. Clinical manifestations of genital and extragenital endometriosis. Surgical and conservative methods of endometriosis therapy. Rehabilitation of patients.

***Topic 5. Inflammatory diseases of the female genital organs of non-specific and specific***

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**etiology.**

Modern features of etiological factors of inflammatory diseases. Three stages of the clinical course. Basic and additional diagnostic methods. Laboratory methods of research.

**Modern approaches to treatment.** Criteria for healing. Indications for surgical treatment. Methods of prevention.

**Topic 6. Benign and precancerous diseases of the cervix. Cervical cancer.**

The concept of benign and precancerous diseases of the cervix. Causes of occurrence. Clinical manifestations. Basic and additional research methods. Methods of treatment. Dispensary observation.

**Topic 7. Infertile marriage** Definition of the concept of infertile marriage, Male and female infertility, Classification of male and female infertility. The algorithm for diagnosing infertile marriage. Methods of treatment. ART

**Section 3. Obstetrics and Gynecology (B).**

**Topic 1. Massive obstetric bleeding. Hemorrhagic shock. DIC-syndrome. Prevention, therapy, resuscitation.**

Bleeding of the second half of pregnancy: placenta previa, premature detachment of the normally located placenta. Clinic. Diagnostics. Complications. Hemorrhagic shock. Classification by severity. Shock index (Algover Index). The volume and sequence of resuscitation measures. Prevention. DIC-syndrome. Etiopathogenesis. Phases of DIC syndrome: hypercoagulation, hypocoagulation, hypofibrinogenemia with advanced fibrinolysis, terminal. Rapid diagnostic tests. Prevention. Step-by-step therapy.

**Topic 2. Preeclampsia / eclampsia modern classification and therapy of severe forms.**

Definition of the concept. Risk groups for the development of preeclampsia/eclampsia. Classification. Pathogenesis: endotheliosis. Basic PE/E therapy. Indications for early delivery.

**Topic 3. Placental insufficiency. Intrauterine fetal development delay syndrome.**


Definition of the concept. Structural elements of the placenta. The mechanism of development of placental insufficiency. Clinical manifestations of placental insufficiency. Methods for assessing the functional state of the fetoplacental complex. Classification of placental insufficiency (acute and chronic, primary and secondary). Risk groups for the development of placental insufficiency. Basic principles of treatment of placental insufficiency.

**Topic 4. Septic shock. Obstetric peritonitis**

Sepsis. Septic shock. Obstetric peritonitis. Definition of the concept. Pathogenesis of septic shock development. The significance of previous septic diseases of the first and second stages in the development of septic shock and obstetric peritonitis. Classification of pathogens. Clinical stages of development. Methods of diagnosis and control of the development of multiple organ failure (qSOFA scale). Intensive therapy of respiratory, cardiovascular and renal insufficiency. Empirical antibiotic therapy. Tactics of surgical treatment. Rehabilitation

**Topic 5. Abnormal uterine bleeding**

Definition of the concept. Classification of abnormal uterine bleeding according to FIGO. Bleeding of the Palm and COEIN category. Bleeding associated with ovulation disorders in various age periods. The diagnostic algorithm. Methods of hormonal and non-hormonal treatment. Correction of the disturbed menstrual cycle.

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### ***Topic 6. Principles of hormone therapy in gynecology***

Hormone replacement therapy for hypofunction or loss of ovarian function. Stimulating therapy in violation of neurohormonal relationships. Inhibition of ovulation, if necessary, eliminate the normal feedback mechanism. Elimination of trophic disorders in the genitals by causing proliferation in the endometrium, mucous membranes of the vulva and vagina

### ***Topic 7. Inflammatory diseases of the genitals of a specific etiology. STIs.***

Definition of the concept. Chlamydia. Features of the pathogen. Ways of infection. Diagnostic methods. Clinic. Therapy. Candidiasis. Features of the pathogen. Classification. Clinic. Diagnostics. Methods of treatment. Genital herpes. Features of the pathogen. Ways of infection. Clinic. Diagnostic methods. Therapy. Cytomegalovirus. Features of the pathogen. Clinic. Diagnostics. Methods of treatment.

Trichomoniasis. Features of the pathogen. Ways of infection. Clinic. Diagnostics. Methods of treatment.

### ***Topic 8. Acute abdomen in gynecology.***

Definition of the concept. Causes of acute abdominal pain in gynecology.

Ectopic pregnancy. Clinic. Diagnostics. The algorithm of medical measures. Rehabilitation of patients after ectopic pregnancy. Twist the legs of the ovarian tumor. Clinic. Diagnostics. Medical tactics. Ovarian apoplexy. Clinic. Diagnostics. Medical tactics depending on the form of apoplexy (anemic, painful). Tuboovarian formations of inflammatory etiology. Clinic. Diagnostics. Medical tactics.

### ***Topic 9. Neuro-endocrine syndromes***

Menopausal syndrome. Classification of symptoms, determination of severity. Pathogenetic and symptomatic therapy. Premenstrual syndrome. Clinical forms. Etiology and pathogenesis. Diagnostics, methods of treatment.

Educational and industrial practices for all areas of training/specialties of all forms of training can be partially or fully implemented in the distance format " with the use of e-learning (online courses, lectures and seminars in the video conferencing mode, virtual practical classes, individual tasks in the EIOS, etc.).

## **6. TOPICS OF PRACTICAL CLASSES**


### **Section 1. Midwifery (7-8 semester)**

#### ***Topic 1. The Subject Of Obstetrics. Principles of organization of obstetric and gynecological care in Russia. Indicators of the activity of the obstetric hospital.***

The structure of a typical maternity hospital, the basic principles of the organization of the work of the reception department, physiological and observational obstetric departments, the neonatal department, the prenatal department. Sanitary and epidemiological regime in the maternity hospital. The main indicators of the maternity hospital: Maternal and Perinatal mortality, causes, ways of reducing, calculation of indicators; bed occupancy per year, bed turnover per year, the average length of stay of the maternity hospital.

#### ***Questions:***

- \* The structure of a typical maternity hospital

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- \* Basic principles of the organization of the work of the admission department,
- \* Basic principles of organizing the work of physiological and observational obstetric departments,
- \* Basic principles of the organization of the work of the newborn department,
- \* Basic principles of the organization of the work of the prenatal department
- \* Sanitary and epidemiological regime in the maternity hospital.
- \* The main indicators of the maternity hospital: bed occupancy per year, bed turnover per year, the average length of stay of the maternity hospital
- \* Maternal mortality, calculation of the indicator. Ways to reduce
- \* Perinatal mortality, structure, calculation of the indicator. Ways to reduce

**Topic 2. The birth canal and the fetus as an object of childbirth. Obstetric terminology.**

Comparative characteristics of the male and female pelvis, pelvic planes and their dimensions, measurement of the diagonal conjugate, the size of the head of a full-term fetus, the location of the fetus in the uterus; the type and position of the fetus.

**Questions:**

- \* The concept of "Birth canal"?
- Female pelvis, bones, joints, as opposed to male
- \* Pelvic planes and their dimensions, measurement of the diagonal conjugate,
- \* The fetus as an object of childbirth, the size of the head of the full-term fetus
- \* Obstetric terminology

**Topic 3. Biomechanism of labor in anterior and posterior types of occipital presentation.**

Identification points of the pelvis, fetal head. The concept of "wired point", "fixing point". The main points of the biomechanism of childbirth in the anterior and posterior types of occipital presentation of the fetus (using a phantom, a doll, a pelvis, a simulation class).

**Questions:**

- \* Definition of "Biomechanism of childbirth"
- The concept of "wired point", "fixation point".
- \* The main points of the biomechanism of childbirth in the anterior view of the occipital presentation of the fetus
- \* The main points of the biomechanism of childbirth in the posterior view of the occipital presentation of the fetus

**Skills in the simulation class:** The main points of the biomechanism of childbirth in the anterior and posterior types of occipital presentation of the fetus

**Topic 4. Diagnosis of early and late pregnancy. Methods of examination of pregnant women and women in labor.**


Doubtful, probable and reliable signs of pregnancy. The height of the standing of the uterine fundus at various stages of pregnancy. Biological and immunological methods of pregnancy diagnosis. Palpation of the abdomen (Leopold's techniques), auscultation, pelviometry, CTG, ultrasound. Determination of the period of pregnancy and the expected birth.

**Questions:**

- \* Doubtful, probable and reliable signs of pregnancy
- \* The height of the standing of the uterine fundus at various stages of pregnancy.
- \* Palpation of the abdomen (Leopold's techniques)
- \* Determination of the period of pregnancy and expected delivery

**Topic 5. Narrow pelvises. Classification, diagnosis, management of pregnancy and childbirth.**

Definition, classification of anatomically narrow pelvises by shape and degree of

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narrowing. Diagnostics, features of the biomechanism of childbirth with various pelvic constrictions. Features of the management of pregnancy and childbirth with a narrow pelvis. Clinically narrow pelvis: definition, classification, diagnosis, management of childbirth.

**Questions:**

- \* Modern classification of anatomically narrow pelvises by shape and degree of narrowing.
- \* Classification of a clinically narrow pelvis according to R. I. Kalganova.
- \* Management of pregnant women with narrow pelvises, terms of hospitalization.
- \* Methods of delivery depending on the degree of narrowing, management of labor with a functional assessment of the pelvis.
- \* The clinical picture of the discrepancy between the size of the fetus and the pelvis of the mother.

**Skills in the simulation class:** pelviometry, additional pelviometry, features of the biomechanism of childbirth with different forms of pelvic constriction, Vasten's symptom, Tsangeimester's symptom.

**Topic 6. Pelvic presentation. Features of the clinic and management of childbirth. Manual aids for pelvic presentations. Fetal extraction by the pelvic end**

Causes of pelvic presentation formation, definition, classification. Diagnostic methods, features of the course and management of pregnancy and childbirth. The main points of the biomechanism of childbirth, the stages of fetal expulsion. Tsovyanov's manual for clean buttock and leg presentation. Manual manual in the classic way.

**Questions:**

- \* The role and place of pelvic presentation and transverse fetal position in modern obstetrics.
- \* Pelvic presentation, classification, biomechanism of labor, management of pregnancy and childbirth. Indications for operative delivery.
- \* Fetal extraction for the pelvic end, indications, conditions, technique, possible complications, prevention.

**Skills in the simulation class:** Biomechanism of childbirth with pelvic presentation. Manual manual for Tsovyanov, classic manual manual, conducting childbirth according to Tsovyanov with leg presentations. Fetal extraction by the pelvic end. The classic turn of the fetus on the leg.


**Topic 7. Transverse position of the fetus Classic internal rotation of the fetus on the leg. Fruit-destroying operations.**

**Questions:**

- \* The transverse position of the fetus, the causes, features of the course of pregnancy, methods of delivery.
- \* Transverse position of the fetus, complications for the mother and fetus. Methods of delivery. Indications for operative delivery.
- \* Classic rotation of the fetus on the leg, indications, conditions, technique, possible complications.

**Skills in the simulation class:** Determining the position and type of position with the transverse position of the fetus. Classic turn of the fetus on the leg, indications. conditions, technique, complications, place in modern obstetrics. Indications for cesarean section surgery.

- \* The place of fruit-destroying operations in modern obstetrics
- \* Craniotomy, indications. conditions, technique, possible complications
- \* Embryotomies, decapitation, indications. conditions, technique, possible complications
- \* Perforation of the subsequent head, indications. conditions, technique, possible complications

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- \* Kleidotomy, indications. conditions, technique, possible complications

***Topic 8. Physiological mechanisms of regulation of labor activity. The course and management of normal childbirth.***

What is childbirth, the causes of childbirth, the mechanism of development of labor activity, the degree of " maturity" of the cervix. Periods of labor and their duration. The mechanism of opening of the cervix in first-and second-born women. The course and management of the I, II, III periods of childbirth. Features of labor management in multiple pregnancies.

***Questions:***

- What is childbirth?
- \* The causes of childbirth, the mechanism of development of labor activity. Prostaglandin theory of the development of labor activity
- \* The degree of " maturity " of the cervix
- \* Periods of labor and their duration. The mechanism of opening of the cervix in first-and second-born women
- \* The course and management of the I, II, III periods of childbirth.
- \* Features of labor management in multiple pregnancies

***Topic 9. Anomalies of labor activity.***

Violation of the contractile activity of the uterus, etiology, pathogenesis, clinic, diagnosis. Modern methods of treatment of weakness of labor activity.

***Questions:***

- \* Causes of labor, the role of prostaglandins.
- \* Classification of anomalies of labor activity.
- \* Pathological preparatory (preliminary) period, etiopathogenesis, clinic, diagnosis, therapy, prevention.
- \* Weakness of labor activity, etiopathogenesis, clinic, diagnosis, therapy, prevention.
- \* Discoordinated labor activity, etiopathogenesis, clinic, diagnosis, therapy, prevention.
- \* Excessively strong labor activity, etiopathogenesis, clinic, diagnosis, therapy, prevention.


***Topic 10. Physiological postpartum period. Physiological neonatal period.***

Primary and secondary treatment of newborns, management of newborns. The concept of the perinatal period.

Physiological processes occurring in the body of a maternity hospital. Clinic of the postpartum period. Management of the physiological postpartum period, prevention of possible complications. Assessment of the newborn's condition on the Apgar scale. The antenatal, intranatal and neonatal periods. Toilet of the upper respiratory tract of a newborn. Prevention of gonoblenorrhea. Processing of the umbilical cord residue. Certification of a newborn.

***Questions:***

- \* Physiological processes occurring in the body of the maternity hospital. Clinic of the postpartum period.
- \* Clinic of the postpartum period.
- \* Management of the physiological postpartum period, prevention of possible complications.
- \* Assessment of the newborn's condition on the Apgar scale
- \* Antenatal, intranatal and neonatal periods
- \* Prevention of gonoblenorrhea. Processing of the umbilical cord residue

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**Topic 11. Fetal hypoxia. Methods of diagnosis, therapy.**

Anatomical and physiological features of the newborn period. Asphyxia of newborns, etiology, pathogenesis, classification, diagnosis. The basic principles of therapy, depending on the severity of the condition.

**Questions:**

- \* Anatomical and physiological features of the newborn period
- \* Signs of full-term and prematurity of the fetus
- \* Modern methods of diagnosing the condition of the intrauterine fetus - CTG, ultrasound, Dopplerometric assessment of blood flows
- Treatment methods

**Topic 12. Postpartum septic diseases.**

Postpartum diseases. Frequency, etiology, pathogenesis, classification. The main clinical forms of diseases: postpartum ulcers, endometritis, mastitis, parametritis, peritonitis, etc. Sepsis, septic shock: etiology, pathogenesis, clinic, diagnosis, treatment. Empirical antibiotic therapy.

**Questions:**

- \* Classification of postpartum septic diseases (PSZ).
- \* Etiology and pathogenesis of postpartum septic diseases in modern conditions.
- \* Clinic, diagnosis, therapy and prevention of PSZ.
- \* Rehabilitation after suffering from PSZ.
- \* Features of the structure of the maternity hospital for the prevention of PSZ.

**Topic 12. Postpartum septic diseases.**

Postpartum diseases. Frequency, etiology, pathogenesis, classification. The main clinical forms of diseases: postpartum ulcers, endometritis, mastitis, parametritis, peritonitis, etc. Sepsis, septic shock: etiology, pathogenesis, clinic, diagnosis, treatment. Empirical antibiotic therapy.

**Questions:**

- \* Classification of postpartum septic diseases (PSZ).
- \* Etiology and pathogenesis of postpartum septic diseases in modern conditions.
- \* Clinic, diagnosis, therapy and prevention of PSZ.
- \* Rehabilitation after suffering from PSZ.
- \* Features of the structure of the maternity hospital for the prevention of PSZ.


**Topic 13. Bleeding in the first half of pregnancy. Immunological incompatibility of mother and fetus. Hemolytic disease.**

Etiology, pathogenesis, clinic of cystic drift, ectopic pregnancy, spontaneous abortion. Methods of diagnosis, therapy and prevention. "Risk groups " for the development of bleeding in the first half of pregnancy.

**Questions:**

- \* Causes of bleeding in the first half of pregnancy.
- \* Abortion( miscarriage), etiopathogenesis, clinic, diagnosis, treatment, prevention, rehabilitation.
- \* Premature birth: etiopathogenesis, clinic, diagnosis, treatment, prevention, rehabilitation.
- \* Cystic drift: etiopathogenesis, clinic, diagnosis, treatment, prevention, rehabilitation.
- \* Premature birth, modern classification, etiopathogenesis, modern principles of therapy. The concept of incompatibility of the cut of the mother and fetus according to the Rh factor and the ABO system. The pathogenesis of complications. Forms of hemolytic disease of newborns. Indications for replacement blood transfusion. Clinic, diagnostics.



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Prevention and treatment.

**Questions:**

- \* Pathogenesis of the development of incompatibility by the Rh factor.
- \* Pathogenesis of incompatibility development according to the ABO system.
- \* Prevention of complications
- \* Diagnostics
- \* Treatment

**Topic 14. Bleeding in the second half of pregnancy, postpartum and early postpartum periods**

Placenta previa, definition, classification, etiology, diagnosis. Features of the course and management of the placenta and the allocation of the afterbirth. Etiology, diagnosis, treatment methods. Hypo- and atonic state of the uterus. Etiology, pathogenesis, clinic, treatment.

**Questions:**

- \* Bleeding of the second half of pregnancy, the causes?
- \* Etiology, pathogenesis; clinic, diagnosis, clinical course and methods of delivery with placenta previa (PP).
- \* Etiology, pathogenesis; clinic, diagnosis, clinical course and methods of delivery in case of premature detachment of the normally located placenta (PPRP).
- \* Management of pregnancy with PP.
- \* Causes of acute and chronic DIC syndrome in obstetrics. Phases of DIC syndrome: hypercoagulation, hypocoagulation, hypofibrinogenemia with advanced fibrinolysis, terminal. Rapid diagnostic tests. Step-by-step therapy.
- \* Causes of bleeding in the subsequent and early postpartum periods. 4 "T"
- \* Diagnostic criteria for the volume of blood loss, methods of stopping.
- \* Prevention of bleeding in the subsequent and early postpartum periods.
- \* The role of balloon tamponade in modern obstetrics.
- \* Uterine rupture, etiology, pathogenesis, classification, clinic, diagnosis, treatment, prognosis, rehabilitation.
- \* Rehabilitation of women who have suffered bleeding in the subsequent and early postpartum periods.

**Topic 15. Preeclampsia/eclampsia, pathogenesis, clinic, diagnosis, intensive care.**

The concept of " eclampsia", etiology, pathogenesis, classification, diagnosis. The main clinical forms are moderate preeclampsia, severe preeclampsia, eclampsia. Basic principles of therapy. Basic therapy

**Questions:**


- \* Preeclampsia/eclampsia, etiology, endotheliosis, the main links of pathogenesis.
- \* Preeclampsia/eclampsia, classification in modern conditions according to ICD
- \* The main clinical forms: moderate preeclampsia, severe preeclampsia, eclampsia.
- \* Basic principles of Basic Therapy

**Topic 16. Cesarean section in modern obstetrics.**

Caesarean section in modern obstetrics. Indications, contraindications, pain relief conditions, types of surgical interventions, complications, postoperative care

**Questions:**

- \* The role and place of cesarean section in modern obstetrics.
- \* Absolute and relative indications, indications during pregnancy and during childbirth for cesarean section surgery.
- \* Cesarean section on the lower uterine segment: disadvantages and advantages,

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indications, anesthesia, technique, possible complications for the mother and fetus.

\* Corporate caesarean section: disadvantages and advantages, indications, anesthesia, technique, possible complications for the mother and fetus.

\* Management of the postoperative period.

\* Management of pregnancy and childbirth with a scar on the uterus.

Skills in the simulation class: Corporate Caesarean section. Cesarean section in the lower uterine segment. Fetal extraction by cesarean section. Suturing the uterus.

### ***Topic 17. Obstetric forceps. Vacuum extraction of the fetus***

Obstetric forceps, historical information, indications, conditions, complications, anesthesia. Three "triple" rules. The technique of applying abdominal and exit obstetric forceps.

#### ***Questions:***

\* Indications for vaginal delivery surgery, differences between operations of obstetric forceps and vacuum extraction of the fetus.

\* Obstetric forceps, indications, conditions, technique, anesthesia, possible complications from the mother and fetus. Role in modern obstetrics.

\* Vacuum extraction of the fetus, indications, conditions, technique, possible complications from the mother and fetus. Role in modern obstetrics.

Skills in the simulation class: The rules for applying exit and band obstetric forceps, the direction of traction. Application of a KIWI vacuum extractor, traction for anterior and posterior types of occipital presentation.

### ***Topic 18. The structure and organization of the work of the women's consultation.***

The main indicators of its activity. Toxicosis of the first half of pregnancy.

The structure and organization of the work of the women's consultation. The main indicators of its activity. Etiology, pathogenesis, clinic of early toxicosis of pregnancy. Diagnostics, therapy. Indications for termination of pregnancy.

#### ***Questions:***

\* Structure and organization of the work of the women's consultation

\* The main indicators of the activity of the women's consultation.

\* Etiology, pathogenesis, k5 classification clinic of early toxicosis of pregnancy

\* Vomiting of pregnant women, treatment depending on the severity of the course.

Indications for termination of pregnancy

### **Protection of birth histories. Test**

## **Section 2. Gynecology (9th semester).**

### ***Topic 1. Anatomy of the female genital organs. Research methods in gynecology External and internal genitalia.***

Blood supply and innervation. Ligamentous apparatus of the uterus. Anamnesis. Methods of objective examination of gynecological patients. Additional research methods: instrumental, X-ray, endoscopic, ultrasound.


#### ***Questions:***

1. External and internal genitalia

2. Blood supply and innervation. Ligamentous apparatus of the uterus.

3. Research methods in gynecology

Working in a simulation class: working on a virtual anatomical atlas: blood supply and innervation. Ligamentous apparatus of the uterus.

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**Topic 2. Ovarian-menstrual cycle. Functional diagnostics tests.**

Hypothalamic-pituitary regulation of the menstrual cycle. Ovarian and uterine cycles. Methods of studying the function of the ovaries.

**Questions:**

1. Hypothalamic-pituitary regulation of the menstrual cycle
2. Ovarian and uterine cycles.
3. Functional diagnostics tests
4. Methods of studying the function of the ovaries.

**Topic 3. Amenorrhea. Hypomenstrual syndrome.**

Classification of disorders of menstrual function. Levels of menstrual dysfunction. Pathogenesis. The clinical picture. Amenorrhea of central origin: hyperprolactinemia syndrome, Sheehan syndrome. Ovarian amenorrhea: gonadal dysgenesis, polycystic ovary syndrome, testicular feminization syndrome, premature ovarian insufficiency, resistant ovarian syndrome. Uterine amenorrhea of primary and secondary origin, Ascherman's syndrome. Diagnostics, clinic, principles of therapy.

**Questions:**

1. Classification of menstrual function disorders
2. Levels of menstrual dysfunction. Pathogenesis. Clinical picture
3. Amenorrhea of central origin: hyperprolactinemia syndrome, Sheehan syndrome. Diagnostics, clinic, principles of therapy.
4. Ovarian amenorrhea: gonadal dysgenesis, polycystic ovary syndrome, testicular feminization syndrome, premature ovarian insufficiency, resistant ovarian syndrome. Diagnostics, clinic, principles of therapy.
5. Uterine amenorrhea of primary and secondary origin, Ascherman's syndrome. Diagnostics, clinic, principles of therapy.

**Topic 4. Neuro-endocrine syndromes.**

The concept of neuro-endocrine symptoms, classification. Menopausal syndrome, pathogenesis, clinic, diagnosis, principles of therapy. Premenstrual syndrome, theories of pathogenesis, clinic, diagnosis, treatment. Postovariectomy syndrome, pathogenesis, clinic, principles of therapy.


**Questions:**

1. Definitions of the concept of neuro-endocrine syndrome. Risk factors for the development of neuro-endocrine syndromes.
2. Menopausal syndrome, pathogenesis, classification, Kuperman's menopausal index, clinic, diagnosis, principles of therapy.
3. Menopausal hormone therapy-indications, contraindications, an algorithm for examining a woman before prescribing MGT.
4. Premenstrual syndrome, theories of pathogenesis, classification, clinic, diagnosis, treatment.
5. Postovariectomy syndrome, pathogenesis, clinic, principles of therapy.

**Topic 5. Uterine fibroids.**

Theories of pathogenesis. Classification. The clinical picture depends on the localization of myomatous nodes. Complications. Diagnostic methods. Treatment is symptomatic, hormonal, operative. Indications for surgical and conservative treatment. Types of operations for uterine fibroids.

**Questions:**

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1. Maca fibroids, classification
2. The clinical picture depending on the localization of myomatous nodes.
3. Diagnosis of uterine fibroids
4. Treatment is symptomatic, hormonal, operative.
5. Indications for surgical and conservative treatment. Types of operations for uterine fibroids.

***Topic 6. Endometriosis.***

Definition of the concept. Classification. The theory of origin. Clinical manifestations of genital and extragenital endometriosis. Diagnostic methods. Operative and conservative treatment. Rehabilitation activities

***Questions:***

1. Endometriosis, Classification. Theory of origin
2. Clinical manifestations of genital and extragenital endometriosis.
3. Endometriosis, diagnosis
4. Operative and conservative treatment.
5. Rehabilitation activities

***Topic 7. Abnormal uterine bleeding. Hyperplastic processes of the endometrium. Cancer of the uterine body***

***Questions to the topic:***


1. The concept of abnormal uterine bleeding (AMC).
2. Classification of AMC. Reasons.
3. Diagnostic methods. Differential diagnosis of the causes of AMC. Tactics of management of patients.
4. Anovulatory bleeding. Pathogenesis. Clinic, diagnosis, methods of stopping AMC, prevention of relapses.
5. Hyperplastic processes of the endometrium. Etiology, pathogenesis, classification, pathogenetic variants of patients with endometrial hyperplastic processes.
6. Oncological alertness in the management of patients.
7. Endometrial cancer. Classification, clinic, diagnosis, prognosis.
8. Tactics of managing patients depending on the stage of cancer spread.

***Topic 8. Inflammatory diseases of the female genital organs of non-specific and specific etiology.***

Physiological protective barriers. Clinical manifestations of the disease depending on the etiological factor, morphological changes, localization, stage of the inflammatory process. Methods of examination of patients with inflammatory diseases of the genitals, laboratory diagnostics. Principles of treatment of patients. Establishing the criterion of cure. Ways of prevention. Gonorrhoea: etiology, pathways of spread, diagnosis, treatment, criteria for cure. Trichomoniasis: etiology, ways of spreading, diagnosis, treatment, criteria of cure. Ureaplasma and mycoplasma infection of the genitals. Vulvovaginal candidiasis.

***Questions:***

1. Clinical manifestations of the disease depending on the etiological factor, morphological changes, localization, stage of the inflammatory process.
2. Methods of examination of patients with inflammatory diseases of the genitals, laboratory diagnostics
3. Principles of treatment of patients. Establishing the criterion of cure.

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4. Ways of prevention.
5. Gonorrhoea: etiology, pathways of spread, diagnosis, treatment, criteria for cure.
6. Trichomoniasis: etiology, pathways of spread, diagnosis, treatment, criteria of cure.
7. Ureaplasma and mycoplasma infection of the genitals.
8. Vulvovaginal candidiasis.

**Topic 9. Benign and precancerous diseases of the cervix. Cervical cancer.**

The structure of the multilayer flat epithelium. The technique of taking a smear for oncocytology. Simple and advanced colposcopy. Cervicitis, ectropion, ectopia, leukoplakia. Cervical intraepithelial neoplasia. Tactics of management of patients with various degrees of cervical lesion. Methods of destructive treatment. Cervical cancer. Clinical classification. Methods of treatment depending on the degree of organ damage.

**Questions:**

1. The structure of the multilayer flat epithelium. Technique of taking a smear for oncocytology
2. Simple and advanced colposcopy
3. Cervicitis, ectropion, ectopia, leukoplakia.
4. Cervical intraepithelial neoplasia
5. Tactics of management of patients with various degrees of cervical lesion.
6. Methods of destructive treatment
7. Cervical cancer. Clinical classification. Methods of treatment depending on the degree of organ damage

**Topic 10. Benign ovarian tumors. Ovarian cancer.**

Etiology of ovarian tumors. Classification. Ovarian cysts. Varieties, methods of treatment. True benign ovarian tumors. Diagnostic methods. Differential diagnosis. Complications. Principles of treatment, the scope of surgical intervention. Classification of ovarian cancer. Clinical course. Ways of metastasis. Principles of complex treatment of patients depending on the stage of spread. Prevention.

**Questions:**


1. Etiology of ovarian tumors. Classification
  2. Ovarian cysts. Varieties, methods of treatment.
  3. True benign ovarian tumors
  4. Diagnostic methods. Differential diagnosis.
  5. The principles of treatment, the scope of surgical intervention.
  6. Classification of ovarian cancer. Clinical course. Ways of metastasis. Principles of complex treatment of patients depending on the stage of spread. Prevention.
- Work in the simulation class: benign ovarian tumors, ultrasound diagnostics, methods of surgical treatment

**Topic 11. Medical examination of gynecological patients.**

Day hospitals. Risk groups Family planning. Modern contraceptives. A barren marriage Medical examination of gynecological patients. Day hospitals. Risk groups for the development of gynecological diseases The concept of family planning. Family planning centers. Definition of the concept of contraception. Classification of methods of contraception. Advantages, disadvantages, contraceptive effectiveness of various methods of contraception. Principles of selection of contraceptives for women of different age groups

**Questions:**

1. Family planning centers. Organization of work, tasks.

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2. Methods of contraception. Advantages, disadvantages, contraceptive effectiveness of various methods of contraception.
3. Hormonal contraception. Types of hormonal contraceptives. The mechanism of action. Side effects and contraindications. Non-contraceptive therapeutic effects.
4. Intrauterine contraception. Types of intrauterine contraceptives, the mechanism of action. Indications, contraindications, conditions of administration, possible complications of intrauterine contraception.
5. Methods of postcoital contraception.
6. Types of surgical sterilization.
7. Principles of selection of contraceptives in women of different age groups.

#### ***Protection of medical records. Test.***

A detailed analysis of patients given to students for curation and writing an educational medical history is carried out. Students on the basis of anamnesis data, general and special research and additional methods of examination establish a diagnosis, conduct a differential diagnosis, outline a patient management plan, discuss the prognosis.

### **Section 3. Obstetrics and Gynecology (Per semester).**

#### ***Topic 1. Maternal and perinatal mortality. Reasons, ways of reducing. Levels of obstetric care.***

Routing of pregnant women, women in labor, maternity hospitals. The concept of near miss. The main indicators of the work of the obstetric and gynecological service. Maternal and perinatal mortality. Calculation of indicators. Reasons. Ways to reduce. Three levels of obstetric care. Monitoring of pregnant women by risk groups. Routing. The concept of near miss, causes, ways of decline.

#### ***Topic 2. The modern doctrine of the narrow pelvis. Clinically narrow pelvis.***

The reasons that contribute to the formation of a narrow pelvis. Diagnosis of narrow pelvises. Risk factors for fetal injury in narrow pelvises. Classification of narrow pelvises by shape. Classification of narrow pelvises by the degree of narrowing. The main forms of the female pelvis. The frequency of narrow pelvises in modern obstetrics. Additional pelviometry. Transverse-constricted pelvis. The degree of narrowing of the transverse-constricted pelvis. A pelvis with a reduced straight size of the wide part of the pelvic cavity. Classification of a clinically narrow pelvis. Methods of delivery in narrow pelvises. The structure of indications for emergency caesarean section. Outcomes of labor for the fetus with a narrow pelvis.


Security questions:

1. Modern classification of anatomically narrow pelvises by shape and degree of narrowing.
2. Classification of a clinically narrow pelvis according to R. I. Kalganova.
3. Management of pregnant women with narrow pelvises, terms of hospitalization.
4. Methods of delivery depending on the degree of narrowing, management of labor with a functional assessment of the pelvis.
5. The clinical picture of the discrepancy between the size of the fetus and the pelvis of the mother.

Skills in the simulation class: pelviometry, additional pelviometry, features of the biomechanism of childbirth with different forms of pelvic constriction, Vasten's symptom, Tsangeimester's symptom.

#### ***Topic 3. Pelvic presentation, management and delivery tactics in modern obstetrics.***

The transverse position of the fetus. Obstetric forceps, indications, conditions, equipment.

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Vacuum extraction of the fetus, indications, conditions, technique

Pelvic presentation, classification, biomechanism of childbirth, management of pregnancy and childbirth. Indications for cesarean section surgery. Possible complications for the mother and fetus. Fetal extraction for the pelvic end, indications. Conditions. Technic.

Transverse position of the fetus, complications for the mother and fetus. The classic turn of the fetus on the leg, indications, conditions, technique, possible complications.

Security questions:

1. The role and place of pelvic presentation and transverse fetal position in modern obstetrics.
2. Pelvic presentation, classification, biomechanism of childbirth, management of pregnancy and childbirth. Indications for operative delivery.
3. Fetal extraction for the pelvic end, indications, conditions, technique, possible complications, prevention.
4. Transverse position of the fetus, complications for the mother and fetus. Methods of delivery. Indications for operative delivery. The classic turn of the fetus on the leg, indications, conditions, technique, possible complications.

Skills in the simulation class: Biomechanism of childbirth with pelvic presentation. Manual manual for Tsovyanov, classic manual manual, conducting childbirth according to Tsovyanov with leg presentations. Fetal extraction by the pelvic end. The classic turn of the fetus on the leg. Obstetric forceps, indications, conditions, technique, possible complications, role in modern obstetrics. Vacuum extraction of the fetus by the KIWI device. Indications, conditions, technique, complications. The role and place in modern obstetrics.

Security questions:

1. Indications for vaginal delivery surgery, differences between operations of obstetric forceps and vacuum extraction of the fetus.
2. Obstetric forceps, indications, conditions, technique, anesthesia, possible complications from the mother and fetus. Role in modern obstetrics.
3. Vacuum extraction of the fetus, indications, conditions, technique, possible complications from the mother and fetus. Role in modern obstetrics.

Skills in the simulation class: The rules for applying exit and band obstetric forceps, the direction of traction. Application of a KIWI vacuum extractor, traction for anterior and posterior types of occipital presentation.


***Topic 4. Anomalies of labor activity, modern aspects of diagnosis, treatment, delivery, prevention.***

Anomalies of labor activity, etiopathogenesis, classification, diagnosis, therapy, prevention. The role of prostaglandins in modern obstetrics.

Security questions:

1. The causes of childbirth, the role of prostaglandins.
2. Classification of anomalies of labor activity.
3. Pathological preparatory (preliminary) period, etiopathogenesis, clinic, diagnosis, therapy, prevention.
4. Weakness of labor activity, etiopathogenesis, clinic, diagnosis, therapy, prevention.
5. Discoordinated labor activity, etiopathogenesis, clinic, diagnosis, therapy, prevention.
6. Excessively strong labor activity, etiopathogenesis, clinic, diagnosis, therapy, prevention.

***Topic 5. Bleeding in the first half of pregnancy, diagnosis, treatment, prevention, prognosis.***

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Premature birth. Premature detachment of the normally located placenta. Placenta previa. Management of pregnancy and childbirth.

Spontaneous abortion; ectopic pregnancy; bubble drift. Etiology, clinic, principles of treatment. Premature birth, a modern view of tocolytic therapy, management of pregnant women with premature discharge of amniotic fluid, prevention of RDS in the fetus. Methods of delivery.

Security questions:

1. Causes of bleeding in the first half of pregnancy.
2. Abortion (miscarriage), etiopathogenesis, clinic, diagnosis, treatment, prevention, rehabilitation.
3. Premature birth: etiopathogenesis, clinic, diagnosis, treatment, prevention, rehabilitation.
4. Cystic drift: etiopathogenesis, clinic, diagnosis, treatment, prevention, rehabilitation.
5. Premature birth, modern classification, etiopathogenesis, modern principles of therapy. Placenta previa. PONRP. Clinic. Diagnostics. Complications. Hemorrhagic shock. Classification by severity. Shock index (Allover Index). The volume and sequence of resuscitation measures. Prevention.

DIC-syndrome. Etiopathogenesis, clinic, treatment, prevention.

Security questions:

1. Bleeding of the second half of pregnancy, the causes?
2. Etiology, pathogenesis; clinic, diagnosis, clinical course and methods of delivery with placenta previa (PP).
3. Etiology, pathogenesis; clinic, diagnosis, clinical course and methods of delivery in case of premature detachment of the normally located placenta (PPRP).
4. Management of pregnancy with PP.
5. The causes of acute and chronic DIC syndrome in obstetrics. Phases of DIC syndrome: hypercoagulation, hypocoagulation, hypofibrinogenemia with advanced fibrinolysis, terminal. Rapid diagnostic tests. Step-by-step therapy.

***Topic 6. Bleeding in the subsequent and early postpartum periods. Modern methods of stopping uterine bleeding. Rupture of the uterus.***

Bleeding in the subsequent and early postpartum periods, etiology, clinic, diagnosis, treatment. Modern methods of stopping uterine bleeding, balloon tamponade, compression sutures on the uterus. Hemorrhagic shock, etiology in obstetrics, classification, diagnosis, therapy.


Security questions:

1. Causes of bleeding in the subsequent and early postpartum periods, 4 " T "
2. Diagnostic criteria for the volume of blood loss, methods of stopping.
3. Prevention of bleeding in the subsequent and early postpartum periods.
4. The role of balloon tamponade in modern obstetrics.
5. Uterine rupture, etiology, pathogenesis, classification, clinic, diagnosis, treatment, prognosis, rehabilitation.
6. Rehabilitation of women who have suffered bleeding in the subsequent and early postpartum periods.

***Topic 7. Preeclampsia / eclampsia( PE/E), modern classification and therapy of severe forms.***

Definition of the concept. Risk groups for the development of preeclampsia/eclampsia. Classification. Pathogenesis: Endotheliosis: cortico-visceral disorders, generalized vasoconstriction, hypovolemia, violation of the rheological properties of blood, development of disseminated blood clotting syndrome, activation of free radical lipid peroxidation, massive transfer of CO<sub>2</sub> into the cell, circulatory and histotoxic hypoxia, metabolic disorders, violation of



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the functions of vital organs. Basic PE/E therapy.

Security questions:

1. Preeclampsia/eclampsia, etiology, endotheliosis, the main links of pathogenesis.
2. Preeclampsia/eclampsia, classification in modern conditions according to ICD
3. The main clinical forms: moderate preeclampsia, severe preeclampsia, eclampsia.
4. Basic PE/E therapy
5. Risk groups for the development of preeclampsia/eclampsia

### ***Topic 8. Caesarean section in modern obstetrics***

The history of the cesarean section operation. Classification. Indications during pregnancy and childbirth. Absolute and relative indications for cesarean section, conditions, contraindications, the technique of corporeal cesarean section and cesarean section in the lower uterine segment. Advantages and disadvantages of each method. Management of the postoperative period.

Security questions:

1. The role and place of cesarean section in modern obstetrics.
2. Absolute and relative indications, indications during pregnancy and during childbirth for cesarean section surgery.
3. Cesarean section on the lower uterine segment: disadvantages and advantages, indications, anesthesia, technique, possible complications for the mother and fetus.
4. Corporate cesarean section: disadvantages and advantages, indications, anesthesia, technique, possible complications for the mother and fetus.
5. Management of the postoperative period.
6. Management of pregnancy and childbirth with a scar on the uterus.

Skills in the simulation class: Corporate Caesarean section. Cesarean section in the lower uterine segment. Fetal extraction by cesarean section. Suturing the uterus.

### ***Topic 9. Postpartum purulent-septic diseases.***

Postpartum purulent-septic diseases, classification, etiology, pathogenesis. Clinic, diagnosis (postpartum ulcers, endometritis, parametritis, pelvioperitonitis, peritonitis, septic shock, sepsis). Modern principles of therapy, empirical antibiotic therapy. Prevention of postpartum septic diseases


Security questions:

1. Classification of postpartum septic diseases (PSZ).
2. Etiology and pathogenesis of postpartum septic diseases in modern conditions.
3. Postpartum endometritis
4. Postpartum peritonitis
5. Septic shock
6. Sepsis in obstetrics
7. Rehabilitation after undergoing PSZ.
8. Features of the structure of the maternity hospital for the prevention of PSZ.

### ***Topic 10. Pregnancy and extragenital pathology (hypertension, anemia, pyelonephritis, diabetes mellitus)***

Anemia of pregnant women, etiology. Pathogenesis, clinic, severity, management of pregnancy, childbirth, postpartum period, modern approaches to the treatment of anemia. Chronic and gestational pyelonephritis, etiology. Pathogenesis. Risk groups. Clinic. Therapy, prevention, management of pregnancy, childbirth and the postpartum period. Chronic and gestational arterial hypertension, clinic, diagnosis. Therapy. Prevention.

Consensus on diabetes mellitus, pre-pregnancy preparation, management of pregnancy, childbirth and the postpartum period.

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Security questions:

1. Pregnancy against the background of chronic and gestational arterial hypertension, clinic, diagnosis. Therapy. Prevention, pre-pregnancy preparation, management of pregnancy, childbirth and the postpartum period. Indications for termination of pregnancy
2. Pregnancy and diabetes mellitus. GSD. Consensus on diabetes mellitus, pre-pregnancy preparation, management of pregnancy, childbirth and the postpartum period. Indications for termination of pregnancy
3. Pregnancy and anemia, etiology. Pathogenesis, clinic, severity, management of pregnancy, childbirth, postpartum period, modern approaches to treatment
4. Pregnancy and pyelonephritis, etiology. Pathogenesis, clinic, severity, management of pregnancy, childbirth, postpartum period, modern approaches to treatment Indications for termination of pregnancy.

***Topic 11. Intrauterine fetal hypoxia. Modern methods of diagnosing the condition of the intrauterine fetus: chronic and acute fetal hypoxia.***

Modern methods of diagnosing the condition of the intrauterine fetus: CTG, ultrasound and biochemical screening, amniocentesis, karyotyping. Interpretation of CTG curves and survey data.

Security questions:

1. Modern methods of diagnosing the condition of the intrauterine fetus
2. Fetal cardiotocography, interpretation of curves, undulating, low-circulating, saltatory types of curves. Acceleration. Deceleration
3. Ultrasound screening, timing
4. Biochemical screening, amniocentesis, karyotyping
5. Acute fetal distress, diagnosis, therapy. Methods of delivery

**8. LABORATORY WORK, WORKSHOPS**

**"This type of work is not provided for by the UP".**


**9. TOPICS OF TERM PAPERS, CONTROL PAPERS, ABSTRACTS**

**"This type of work is not provided for by the UP".**


**10. LIST OF QUESTIONS FOR THE EXAM (TEST)**

**Obstetrics. 4 courses (7-8 semesters) – credit**


1. Organization of maternity care in Russia.
2. Sanitary and epidemiological regime in the maternity hospital.
3. Maternity hospital: structure, organization of work.
4. The main indicators of the activity of the maternity hospital.
5. Women's consultation: structure, organization of work, main performance indicators.
6. The menstrual cycle and its hypothalamic-pituitary regulation.

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7. Anatomy of the uterus. Cyclic changes in the endometrium during the menstrual cycle.
8. Anatomy of the ovaries. Cyclic changes during the menstrual cycle.
9. The structure of the follicle, the stages of development, ovulation.
10. Fertilization, implantation, the embryonic period.
11. The structure and main functions of the placenta, fetal membranes and umbilical cord.
12. The concept of the fetoplacental complex.
13. The yellow body, the phases of development, secretory function, the biological effect of hormones of the yellow body.
14. Estrogens and their biological effect.
15. Critical periods of intrauterine fetal development. The damaging influence of environmental factors. Prevention.
16. Prevention of Preeclampsia/Eclampsia in the conditions of a women's consultation.
17. Neonatal and perinatal mortality; definition of concepts, causes, ways of prevention and reduction.
18. Stillbirth rate; definitions of the concept, causes, preventive measures and ways to reduce it.
19. Infant mortality, definitions, causes, preventive measures and ways to reduce it.
20. Pelvis from an obstetric point of view. The planes of the pelvis, their boundaries and dimensions
21. Anatomy of the pelvic floor muscles.
22. The fetus as an object of childbirth.
23. Biomechanisms of labor in anterior and posterior types of occipital presentation.
24. Diagnosis of late pregnancy. Methods of external and internal examination.
25. The concept of a clinically narrow pelvis. Signs and degrees of clinical inconsistency
26. A generally uniform narrowed pelvis. Definition. Sizes. Features of the biomechanism of childbirth.
27. Ploskorachitic pelvis. Definition. Sizes. Features of the biomechanism of childbirth.
28. A simple flat pelvis. Definition. Sizes. Features of the biomechanism of childbirth.
29. Transverse-constricted pelvis. Definition. Sizes. Features of the biomechanism of childbirth.
30. Classification of narrow pelvises by shape and degree of narrowing.\
31. Pelvic presentation. Classification. Biomechanism of childbirth.
32. Manual manual for pure-breech presentation
33. Manual manual for leg presentations.
34. Manual manual in the classical way for pelvic presentations
35. A sign of morfunctional maturity and full-term fetal asphyxia of the newborn. Rating on the Apgar scale.

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36. The clinical course of the labor act. Periods of labor. Determination of the maturity of the cervix.
37. The subsequent period. The mechanism of signs of placenta separation.
38. Extensor presentation and abnormal insertion of the head. Diagnostics.
39. Physiological postpartum period. Changes in the body of the maternity hospital.
40. Preeclampsia/Eclampsia. Classification. Etiopathogenesis.
41. Basic principles of basic therapy of Preeclampsia/Eclampsia.
42. Toxicosis of the first half of pregnancy. The main clinical forms. Diagnosis, treatment.
43. Immunological conflict in obstetrics. Pathogenesis, diagnosis, prevention and treatment.
44. Miscarriage, diagnosis, therapy.
45. Spontaneous abortion. Classification, principles, clinic, medical tactics.
46. Cystic drift, etiology, diagnosis, treatment methods.
47. Ectopic pregnancy. Classification, etiology, variants of the clinical course, diagnosis, therapy.
48. Placenta previa. Classification, etiology, diagnosis, management of childbirth.
49. Premature detachment of the normally located placenta. Causes, clinic, diagnosis.
50. Bleeding in the subsequent and early postpartum period. Etiology, pathogenesis, clinic, therapy, methods of stopping bleeding.
51. DIC syndrome. Acute and chronic, the causes are in obstetrics. The mechanism of development. Diagnosis, treatment.
52. Management of pregnancy and childbirth with mitral heart defects.
53. Placental insufficiency. Classification, etiology, pathogenesis, clinic, diagnosis, treatment.
54. Postpartum septic infections. Etiology, classification.
55. Sepsis in obstetrics. Etiology, classification, diagnosis, clinic, empirical antibiotic therapy.
56. Bleeding in the subsequent period; causes, diagnosis, principles of therapy.
57. Bleeding in the early postpartum period; causes, diagnosis, principles of therapy.
58. Anomalies of labor activity; causes, classification.
59. Weakness of labor activity: etiology, classification, methods of labor stimulation, labor excitation.
60. Uterine ruptures; etiology, classification
61. Cervical ruptures; causes, classification, diagnosis and treatment.
62. Perineal rupture; causes, classification, diagnosis and treatment.
63. Cesarean section; definition, classification, indications.
64. Corporeal cesarean section; indications, surgery technique, advantages and disadvantages of the method.
65. Cesarean section in the lower segment; indications, surgery technique, advantages and disadvantages of the method.
66. Exit obstetric forceps; indications, conditions, surgery technique, possible complications.

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67. Abdominal obstetric forceps; indications, conditions, surgery technique, possible complications.
68. Vacuum extraction of the fetus; indications, conditions, surgery technique, possible complications.
69. Fetal extraction at the pelvic end; indications, surgery technique, possible complications.
70. Craniotomy; indications, conditions, surgery technique, possible complications.
71. Decapitation; indications, conditions, surgery technique, possible complications.
72. Embryotomy, types of operations, indications, conditions, operation technique.
73. Perforation of the subsequent head; indications, surgery technique, possible complications
74. The classic turn of the fetus on the leg; indications, conditions, technique of the operation.
75. Manual separation of the placenta and isolation of the afterbirth; indications, anesthesia and surgery technique
76. Manual examination of the uterine cavity; indications, anesthesia and surgery technique.
77. Instrumental emptying of the uterine cavity; indications, anesthesia and surgical techniq

### **Gynecology, 5th year (9th semesters) - credit**

1. Organization of gynecological care in Russia.
2. The role of women's consultation in the prevention of malignant neoplasms of the genitals. Ultrasound, cytological and mammographic screening.
3. Women's consultation and its role in the diagnosis and prevention of gynecological diseases, treatment of gynecological patients (day hospitals).
4. Dispensary observation of gynecological patients in the conditions of a women's consultation (risk group).
5. The structure and organization of the operation unit.
6. The structure of the ovaries and their physiological role in the female body.
7. Blood supply and innervation of the internal genitals of a woman.
8. The position of the uterus and appendages in the pelvis. Hanging, supporting and fixing devices.
9. The structure and function of the fallopian tubes.
10. The structure and function of the uterus.
11. The structure of the vagina. Cyclic changes in the mucosa and contents of the vagina, their diagnostic value.
12. Topographic anatomy of the external genitalia.
13. Anatomy of the pelvic floor.
14. The system of survey of gynecological patients. Methods of objective research in gynecological practice.
15. Organization of contraceptive care for women. Modern contraceptives.
16. Cytological research methods in gynecology.
17. Radiological methods of research in gynecology.
18. Hormones of the hypothalamic-pituitary system and their biological effect.
19. Ovarian hormones and their biological effect.

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20. Hypothalamic-pituitary regulation of the menstrual cycle.
21. Ovarian-menstrual cycle.
22. Tests of functional diagnostics, interpretation of their results.
23. Uterine form of amenorrhea. Etiology, pathogenesis, diagnostic methods, therapy.
24. Sheehan's syndrome. Etiopathogenesis, clinic, diagnosis, methods of therapy.
25. hyperprolactinemia syndrome. Clinic, diagnostics, methods of therapy.
26. Gonadal dysgenesis. Etiopathogenesis, clinic, diagnosis, therapy.
27. Polycystic ovary syndrome. Etiopathogenesis, clinic, diagnosis, treatment.
28. Premenstrual syndrome. Etiopathogenesis, clinic, diagnosis and treatment.
29. Perimenopausal syndrome. Etiopathogenesis, clinic, diagnosis and treatment.
30. Post-castration syndrome. Etiopathogenesis, clinic, diagnosis and treatment.
31. Abnormal uterine bleeding at puberty (juvenile). Etiopathogenesis, clinic, diagnosis and treatment.
32. Abnormal anovulatory (dysfunctional) uterine bleeding in the reproductive and menopausal period. Etiopathogenesis, clinic, features of hemostasis, principles of treatment.
33. Hypomenstrual syndrome. Etiology, pathogenesis, clinic, diagnosis and treatment.
34. Pelvioperitonitis. Etiopathogenesis, clinic, diagnosis, principles of therapy.
35. Cancer of the uterine body. Classification, pathogenesis, clinic, diagnosis. Methods of treatment depending on the stage of the disease. Forecast. Prevention.
36. Benign epithelial tumors of the ovaries. Classification, clinic, diagnosis, treatment.
37. Uterine fibroids. Classification, etiopathogenesis, clinic, diagnosis, treatment.
38. Ovarian cysts. Classification, clinic, diagnosis, treatment.
39. Hormone-producing ovarian tumors. Classification, etiopathogenesis, clinic, diagnosis, treatment.
40. Ovarian cancer. Classification, pathogenesis, clinic, diagnosis, treatment. Forecast. Prevention.
41. External endometriosis. Definition, etiopathogenesis, clinic, diagnosis, treatment.
42. Internal endometriosis. Definition of the concept, etiopathogenesis, clinic, diagnosis, treatment methods.
43. Determination of the degree of purity of the vaginal smear. Interpretation of the results.
44. Physiotherapy and balneological methods of treatment of gynecological patients. Indications and contraindications.
45. Bartholinite. Etiology, clinic, treatment.
46. Salpingoophoritis. Etiopathogenesis, clinic, diagnosis, treatment.
47. Cervical cancer. Classification, etiology, diagnosis, treatment methods. Prevention of cervical cancer.
48. Benign diseases of the cervix. Classification, diagnosis, and treatment methods.
49. Precancerous diseases of the cervix. Classification, diagnosis, treatment methods.
50. Chronic genital infection (gonorrhea, candidomycosis, chlamydia, trichomoniasis). Etiopathogenesis, clinic, diagnosis, treatment.
51. Infertile marriage. Definition of the concept, reasons. Scheme of examination of a infertile couple.
52. Cervical biopsy. Indications, contraindications. The technique of execution.
53. Colposcopy is simple and extended. Indications, execution technique.
54. Hysterosalpingography. Indications, contraindications. The technique of execution.
55. Hysteroscopy. Indications, contraindications. The technique of execution.
56. Diagnostic curettage of the uterine cavity. Indications, contraindications. The technique of execution.
57. Wedge-shaped resection of the ovaries. Indications, anesthesia. The technique of the operation.

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58. Cystectomy. Indications, anesthesia. The technique of the operation.
59. Amputation of the cervix. Varieties, indications, technique.
60. Supravaginal amputation of the uterus. Indications, anesthesia. The technique of the operation.
61. Extirpation of the uterus without appendages. Indications, equipment.
62. Exfoliation of the cyst of the large gland of the vestibule of the vagina. Indications, equipment.
63. Extended extirpation of the uterus with appendages. Indications, equipment.
64. Emmett's operation. Indications, equipment.
65. Puncture of the posterior vaginal arch. Indications, anesthesia. The technique of execution.
66. Conservative myomectomy. Indications, varieties, technique of execution.
67. Polypectomy. Indications, equipment.
68. Diagnostic laparoscopy. Chromohydrotubation. Indications, contraindications, technique of execution.

### 3. Obstetrics and Gynecology, 6th year (Per semester) - exam.

1. Generally uniform-narrowed pelvis. Diagnostics. Features of biomechanism and the course of labor in a generally evenly narrowed pelvis. Complications for the mother and fetus.
2. The transverse position of the fetus. Causes of occurrence, diagnostic methods. Features of pregnancy and childbirth management. Complications in childbirth for the mother and fetus. The classic turn of the fetus on the leg.
3. Abdominal obstetric forceps. Indications. conditions, equipment. Possible complications.
4. Obstetric peritonitis. Etiology, classification, clinic, diagnosis. Basic principles of therapy. Prevention.
5. Bleeding in the first half of pregnancy: spontaneous miscarriage, bladder drift, ectopic pregnancy. Clinic and differential diagnosis. Medical tactics.
6. Ruptures of the uterus. Causes and mechanism. Classification. Clinic and diagnostics. Medical tactics.
7. Placental insufficiency. Classification, clinical forms. Methods for diagnosing the condition of the intrauterine fetus. Therapy and prevention of placental insufficiency
8. Premature birth. Classification depending on the timing of the interruption. Etiology, risk groups. Clinic, diagnosis, treatment.
9. Weakness of labor activity. Etiology and pathogenesis. Classification, diagnostics. Modern methods of treatment. Complications for the mother and fetus.
10. Cesarean section. Classification. The readings are absolute and relative. Conditions and technique of cesarean section operation in the lower uterine segment. The place of corporate caesarean section in modern obstetrics. Types of sutures on the uterus.
11. Weekend obstetric forceps. Indications. conditions, equipment. Possible complications.
12. Premature detachment of the normally located placenta. Etiology. Classification. Diagnostics. medical tactics.
13. The concept of an anatomically narrow pelvis. Classification of narrow pelvises by shape and degree of narrowing. Diagnosis of narrow pelvises. Additional pelviometry. Tactics of delivery.
14. Transversely narrowed pelvis. Diagnostics. Features of biomechanism and the course of labor in a transversely narrowed pelvis. Complications for the mother and fetus.

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15. The concept of a clinically narrow pelvis. Signs of clinical inconsistency. Tactics of labor management with various degrees of clinical inconsistency. Possible complications for the mother and fetus.

16. Obstetric injuries: ruptures of the perineum, vagina, cervix. Etiology. Classification. Diagnostics. treatment. Prevention.

17. Pelvic presentation of the fetus. Causes of occurrence, diagnostic methods. Features of pregnancy and childbirth management. Complications in childbirth for the mother and fetus. Fetal extraction by the pelvic end.

18. Massive obstetric bleeding. Causes of bleeding in the early postpartum period. Differential diagnosis. Medical tactics. Balloon tamponade. Prevention.

19. Moderate preeclampsia. Clinic, diagnostics. Management of pregnancy and childbirth in women.

20. Hemorrhagic shock. Etiology, pathogenesis. Clinic. Diagnostics. Prevention and treatment of dependence on the stage, prognosis.

21. A simple flat pelvis. Diagnostics. Features of biomechanism and the course of labor in a simple flat pelvis. Complications for the mother and fetus.

22. Ploskorachitic pelvis. Diagnostics. Features of biomechanism and the course of labor in a flat-bronchitic pelvis. Complications for the mother and fetus.

23. Vacuum extraction of the fetus. Indications. conditions, equipment.

24. Anomaly of labor activity. Classification. Risk groups. The role of prostaglandins in prevention and treatment.

25. Discoordinated labor activity. Etiology and pathogenesis. Clinic, diagnostics. Modern methods of treatment. Complications for the mother and fetus.

26. Excessively strong labor activity. Etiology and pathogenesis, clinic, diagnosis. Modern methods of treatment. Complications for the mother and fetus.

27. Miscarriage of pregnancy. Etiology. Risk groups. Modern principles of therapy. Prevention.

28. Placenta previa. Etiology. Classification, clinic, diagnosis. features of pregnancy and childbirth management in women with placenta previa. Hemorrhagic shock. Classification. Diagnostics.

29. DIC-syndrome in obstetrics. Etiology, pathogenesis. Methods of express diagnostics. Prevention and treatment.

30. Bleeding in the subsequent period. Etiology. Differential diagnosis. Medical tactics. Prevention of bleeding in the subsequent and early postpartum periods.

31. Septic postpartum infections. Etiology, classification, clinic, diagnosis. Basic principles of therapy. Prevention of septic diseases in an obstetric hospital.

32. Septic shock. Etiology, classification, clinic, diagnosis. Basic principles of therapy. Prevention.

33. Preeclampsia/Eclampsia. Etiopathogenesis. Classification. Clinic, diagnostics. Management of pregnancy and childbirth in women. Prevention of preeclampsia in a women's clinic. Moderate preeclampsia.


34. Preeclampsia is severe. Management of pregnancy and childbirth in women.

35. Eclampsia. Classification. Diagnostics. Principles of pathogenetic therapy. Management of pregnancy and childbirth. Complications for the mother and fetus.

36. Immunological conflict in obstetrics. Ways of sensitization. Diagnostic methods. Management of pregnancy in women with immunological conflict. Prevention.

37. Pregnancy and anemia. Etiology. pathogenesis. Clinic, diagnostics, modern principles of therapy, prevention. Indications for termination of pregnancy. Management of pregnancy and childbirth, the postpartum period.



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38. Pregnancy and pyelonephritis. Etiology. Pathogenesis. Clinic, diagnostics, modern principles of therapy, prevention. Indications for termination of pregnancy. Management of pregnancy and childbirth, the postpartum period.

39. Pregnancy and diabetes mellitus. The concept of consensus. Etiology. pathogenesis. Clinic, diagnostics, modern principles of therapy, prevention. Indications for termination of pregnancy. Management of pregnancy and childbirth, the postpartum period.

40. Pregnancy and arterial hypertension. Etiology. pathogenesis. Clinic, diagnostics, modern principles of therapy, prevention. Indications for termination of pregnancy. Management of pregnancy and childbirth, the postpartum period.

41. The structure and function of the fallopian tubes.

42. The structure and function of the uterus.

43. The structure of the vagina. Cyclic changes in the mucosa and contents of the vagina, their diagnostic value.

44. Principles of hormone therapy in gynecology.

45. Anovulatory bleeding. Methods of stopping bleeding. Hormonal stasis. Correction of ovarian function.

46. Dysfunctional uterine bleeding in the menopausal period.

47. Topographic anatomy of the external genitalia.

48. Anatomy of the pelvic floor.

49. Indications for surgical treatment for uterine fibroids Radical surgical interventions for uterine fibroids (surgery technique)

50. Conservative therapy of uterine fibroids

51. Cervical biopsy. Indications, contraindications. The technique of execution.

52. The structure of the ovaries and their physiological role in the female body.

53. Blood supply and innervation of the internal genital organs of a woman.

54. The position of the uterus and appendages in the pelvis. Suspending, supporting and fixing devices.

55. Hypothalamic-pituitary regulation of the menstrual cycle.

56. Ovarian-menstrual cycle.

57. Juvenile uterine bleeding. Etiopathogenesis, clinic, diagnosis and treatment.

58. Pelvioperitonitis: clinic, diagnosis, principles of therapy.

59. Salpingoophoritis. Etiopathogenesis, clinic, diagnosis, treatment.

60. Types and techniques of conservative myomectomies

61. Anatomy of the anterior abdominal wall.

62. 22. Hormones of the hypothalamic-pituitary system and their biological effect.

63. Ovarian hormones and their biological effect.

64. Tests of functional diagnostics, interpretation of their results.

65. Ovarian cysts. Classification, clinic, diagnosis, treatment.

66. Ovarian tumors. Classification, etiopathogenesis, clinic, diagnosis, treatment.

67. External endometriosis. Definition, etiopathogenesis, clinic, diagnosis, treatment.

68. Internal endometriosis. Definition of the concept, etiopathogenesis, clinic, diagnosis, treatment methods.

69. Cervical cancer. Classification, etiology, diagnosis, treatment methods. Prevention of cervical cancer.

70. Benign diseases of the cervix. Classification, diagnosis, treatment methods.


71. Colposcopy is simple and extended. Indications, execution technique.

72. Hysterosalpingography. Indications, contraindications. The technique of execution.

73. Hysteroscopy. Indications, contraindications. The technique of execution.

74. Precancerous diseases of the cervix. Classification, diagnosis, treatment methods.

75. Cystectomy. Indication, anesthesia. The technique of the operation.

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76. Amputation of the cervix. Varieties, indications, technique.  
77. Clinic of disturbed ectopic pregnancy (tubal abortion, rupture of the fallopian tube).  
Methods of diagnosis of ectopic pregnancy  
78. Tubectomy (surgery technique).  
79. Diagnostic curettage of the uterine cavity. Indications, contraindications. The  
technique of execution.  
80. Uterine fibroids: clinical picture. Methods of diagnosing uterine fibroids

### 8. INDEPENDENT WORK OF STUDENTS

**The content, requirements, conditions and procedure for organizing independent work of students, taking into account the form of training, are determined in accordance with the "Regulations on the organization of independent work of students " approved by the Academic Council of UISU (protocol No. 8/268 of 26.03.2019).**

Form of study \_ \_ \_ \_ full-time \_\_\_\_\_

Name of sections and topics	Type of independent work (study of educational material, problem solving, abstract, report, control work, preparation for passing a test, exam, etc.)	Volume in hours	Form of control (checking the solution of problems, abstract, etc.)
Midwifery 7-8 sem.	Curation of a pregnant woman's report, study of educational material, problem solving, preparation for passing the test	50	Verification of problem solving, report, test
Gynecology 9-A sem	Supervision of a gynecological patient report, study of educational material, problem solving, preparation for passing the test	46	Verification of problem solving, report, test
Obstetrics and gynecology In this	Not provided		


### 8. EDUCATIONAL-METHODICAL AND INFORMATION SUPPORT OF DISCIPLINE

#### a) List of recommended literature

##### Main literature:

1 Sidorova, I. S. Obstetrics and gynecology : Vol. 1. Physiological obstetrics : textbook / Sidorova I. S. , Nikitina N. A. - Москва : ГЭОТАР-Медиа, 2021. - 336 с. - ISBN 978-5-9704-6010-8. - Текст : электронный // ЭБС "Консультантстудента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970460108.html>

2 Sidorova, I. S. Obstetrics and gynecology : Vol. 4. Gynecology : textbook / Sidorova I. S. , Unanyan A. L. , Nikitina N. A. - Москва : ГЭОТАР-Медиа, 2021. - 192 с. - ISBN 978-5-9704-6013-9. - Текст : электронный // ЭБС "Консультантстудента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970460139.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>

#### Additional literature:

1. Андреева М. В. Diseases of the urinary tract, kidney and pregnancy = Заболевания мочевыводящих путей, почек и беременность : study guide / М. В. Андреева, Е. П. Шевцова, Ж. С. Мартинсон. - Волгоград : ВолгГМУ, 2021. - 88 с. - ISBN 9785965206308. - Текст : электронный // ЭБС "Букап" : [сайт]. - URL : <https://www.books-up.ru/ru/book/diseases-of-the-urinary-tract-kidney-and-pregnancy-13816236/>

2. Instruction and methodological manual on physiological obstetrics / M. L. Albutova, N. V. Voznesenskaya, T. Y. Kornilova [и др.] ; edited by L. I. Trubnikova ; Ulyanovsk State University, Faculty of Medicine, Department of Obstetrics and Gynecology. - 3rd edition. - Электрон. текстовые дан. (1 файл : 3,91 Мб). - Ulyanovsk: ULSU, 2018. - Загл. с экрана. - Текст : электронный <http://lib.ulsu.ru/MegaPro/Download/MObject/1366>

3 Андреева М. В. Вопросы частной гинекологии. Manual Issues in Particular Gynecology / М. В. Андреева, Е. П. Шевцова, Ж. С. Мартинсон. - 2-е изд. доп.. - Волгоград : ВолгГМУ, 2019. - 92 с. - Текст : электронный // ЭБС "Букап" : [сайт]. - URL : <https://www.books-up.ru/ru/book/voprosy-chastnoj-ginekologii-manual-issues-in-particular-gynecology-9808729/>.

4. Strizhakov, A. N. Methodology and methods of educational obstetric history taking : tutorial guide / A. N. Strizhakov, I. V. Ignatko, A. M. Rodionova [et al.]. - Москва : ГЭОТАР-Медиа, 2022. - 80 с. - ISBN 978-5-9704-6449-6. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970464496.html>

#### Educational- methodical:

1. Albutova M. L. Methodological developments for independent work of students discipline «Ob/gynecology» for the specialty 31.05.01 «Medical business» (VII - VIII semester) / M. L. Albutova; Ulyanovsk State University. - Ulyanovsk : ULSU, 2022. - 9 p. - Неопубликованный ресурс; На англ. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11600>. - Режим доступа: ЭБС УлГУ. - Текст : электронный.

2. Bogdasarov A.Yu. Methodological instructions for students' independent work for the discipline «Obstetrics and gynecology» block «Gynecology» for the specialty 31.05.01 «Medical business» (IX - X terms) / Bogdasarov A.Yu.; Ulyanovsk State University. - Ulyanovsk : ULSU, 2022. - 9 p. - Неопубликованный ресурс; На англ. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11601>. - Режим доступа: ЭБС УлГУ. - Текст : электронный.

3. Tajieva V. D. Methodological instructions for students in preparation for practical exercises on the discipline «Obstetrics» for the specialty 31.05.01 «Medical business» (XI-XII semester) / V. D. Tajieva, O. A. Marinova; Ulyanovsk State University. - Ulyanovsk : ULSU, 2022. - 31 p. - Неопубликованный ресурс; На англ. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11614>. - Режим доступа: ЭБС УлГУ. - Текст : электронный.

Agreed:

Chief Librarian

/Stadolnikova D.R. /

 /


date

Position of the scientific library employee

Full name

signature

date

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## Professional databases, information and reference systems

### 1. Electronic library systems:

#### List of software used

name
SPS Consultant Plus
NEB RF
EBS IPRbooks
AIBS "MegaPro"
The Anti-Plagiarism system. University
Microsoft Windows OS

Microsoft Office 2016
"MyOffice Standard"

#### Bought for comp. IMEIFC class:

Automated information system "Vitakor RMIS"
Statistica Basic Academic for Windows 13

### 1. Электронно-библиотечные системы:

1.1. IPRbooks : электронно-библиотечная система : сайт / группа компаний Ай Пи Ар Медиа. - Саратов, [2022]. – URL: <http://www.iprbookshop.ru>. – Режим доступа: для зарегистрир. пользователей. - Текст : электронный.


1.2. ЮРАЙТ : электронно-библиотечная система : сайт / ООО Электронное издательство ЮРАЙТ. – Москва, [2022]. - URL: <https://urait.ru>. – Режим доступа: для зарегистрир. пользователей. - Текст : электронный.

1.3. Консультант студента : электронно-библиотечная система : сайт / ООО Политехресурс. – Москва, [2022]. – URL: <https://www.studentlibrary.ru/cgi-bin/mb4x>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.4. Консультант врача : электронно-библиотечная система : сайт / ООО Высшая школа организации и управления здравоохранением-Комплексный медицинский консалтинг. – Москва, [2022]. – URL: <https://www.rosmedlib.ru>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.5. Большая медицинская библиотека : электронно-библиотечная система : сайт / ООО Букап. – Томск, [2022]. – URL: <https://www.books-up.ru/ru/library/>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.6. Лань : электронно-библиотечная система : сайт / ООО ЭБС Лань. – Санкт-Петербург, [2022]. – URL: <https://e.lanbook.com>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

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1.7. Znaniium.com :электронно-библиотечная система : сайт / ООО Знаниум. - Москва, [2022]. - URL: <http://znaniium.com> . – Режим доступа : для зарегистрир. пользователей. - Текст : электронный.

1.8. Clinical Collection : коллекция для медицинских университетов, клиник, медицинских библиотек // EBSCOhost : [портал]. – URL: <http://web.b.ebscohost.com/ehost/search/advanced?vid=1&sid=9f57a3e1-1191-414b-8763-e97828f9f7e1%40sessionmgr102>. – Режим доступа : для авториз. пользователей. – Текст : электронный.

1.9. Русский язык как иностранный :электронно-образовательный ресурс для иностранных студентов : сайт / ООО Компания «Ай Пи Ар Медиа». – Саратов, [2022]. – URL: <https://ros-edu.ru>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

**2. КонсультантПлюс** [Электронный ресурс]: справочная правовая система. /ООО «Консультант Плюс» - Электрон. дан. - Москва : КонсультантПлюс, [2022].

### **3. Базы данных периодических изданий:**

3.1. База данных периодических изданий : электронные журналы / ООО ИВИС. - Москва, [2022]. – URL: <https://dlib.eastview.com/browse/udb/12>. – Режим доступа : для авториз. пользователей. – Текст : электронный.

3.2. eLIBRARY.RU: научная электронная библиотека : сайт / ООО Научная Электронная Библиотека. – Москва, [2022]. – URL: <http://elibrary.ru>. – Режим доступа : для авториз. пользователей. – Текст : электронный

3.3. «Grebennikon» : электронная библиотека / ИД Гребенников. – Москва, [2021]. – URL: <https://id2.action-media.ru/Personal/Products>. – Режим доступа : для авториз. пользователей. – Текст : электронный.

**4. Национальная электронная библиотека** : электронная библиотека : федеральная государственная информационная система : сайт / Министерство культуры РФ ; РГБ. – Москва, [2022]. – URL:<https://нэб.рф>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

**5. SMARTImagebase** // EBSCOhost : [портал]. – URL: <https://ebsco.smartimagebase.com/?TOKEN=EBSCO-1a2ff8c55aa76d8229047223a7d6dc9c&custid=s6895741>. – Режим доступа : для авториз. пользователей. – Изображение : электронные.

### **6. Федеральные информационно-образовательные порталы:**

6.1. Единое окно доступа к образовательным ресурсам : федеральный портал / учредитель ФГАОУ ДПО ЦРГОП и ИТ. – URL: <http://window.edu.ru/> . – Текст : электронный.

6.2. Российское образование : федеральный портал / учредитель ФГАОУ ДПО ЦРГОП и ИТ. – URL: <http://www.edu.ru>. – Текст : электронный.

### **7. Образовательные ресурсы УлГУ:**

7.1. Электронная библиотека УлГУ : модуль АБИС Мега-ПРО / ООО «Дата Экспресс». – URL: <http://lib.ulsu.ru/MegaPro/Web>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.


## **Software**

Federal State Budgetary Educational Institution of Higher Education

Decision of the Academic Council Ulyanovsk State University

On amendments to local regulations

Protocol No. 6/266 of 29.01.19.

Министерство науки и высшего образования РФ Ульяновский государственный университет	Форма	
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1. MedShow is a program for viewing images and drawings.
2. GD/F56H-intelligencedigitalObstetricsandGynecologyskilltrainingsystem (computermonitored) – GD/F56 is a highly intelligent digital system simulator of obstetric and gynecological skills (computer-controlled).

Согласовано:

*Зам. декана УИТнТ*      *Краснов В. И.*      *[Подпись]*

Должность сотрудника УИТнТ      ФИО      Подпись      Дата

## 9. MATERIAL AND TECHNICAL SUPPORT OF THE DISCIPLINE:

- A list of premises required for conducting classroom classes in the discipline

- **432048, Ulvanovsk region, Ulvanovsk GUZ OKB, Perinatal Center, III Internationala str.,7**

- Professor's office (28.8 m<sup>2</sup>)
- Classroom No. 1 (16.97 m<sup>2</sup>)
- Classroom No. 2 (16.2 m<sup>2</sup>)
- Classroom No. 3 (29.64 m<sup>2</sup>)
- conference hall – 42 m<sup>2</sup>

- **432064, Ulvanovsk region, Ulvanovsk, GUZ GKB No. 1 Perinatal Center, Doctor Surov Ave., 4**


- Conference hall No. 34 (65.8 m<sup>2</sup>)
- \* Classroom No. 33 (16 m<sup>2</sup>)
- professor's office – 14 sq.m
- study room No. 1- 14 sq.m
- study room No. 3 – 20 sq.m.
- Classroom No. 2 (16,2m<sup>2</sup>)
- Classroom No. 4 (13.7 m<sup>2</sup>)

The premises are equipped with a set of student furniture for 14-20 seats, a classroom blackboard, a teacher's workplace

- **Lecture hall (300-400 seats) 432017, Ulvanovsk region, Ulvanovsk, ul. 106 Svivaga River embankment (building 1, building 2, building 4)**

**Simulation class: 432017, Ulvanovsk region, Ulvanovsk, ul.Embankment of the Svivaga river,106 (building 6) 432048, Ulvanovsk region, Ulvanovsk GUZ OKB, Perinatal Center, III Internationala str., 7 (building 4).** 1.Акушерскиймуляжилиманекенроженицы F1010P, Honglian, Китай

- 2.Robotic dummy simulator of a woman in labor for processing obstetric, gynecological, neonatological skills, as well as providing emergency care in childbirth and newborns F 56
- Simulator for suturing ruptures of the perineum

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- Simulator for practicing the skills of gynecological examination, hysteroscopy and colposcopy;
- Phantom for breast examination.

### **Lecture hall (200 seats)**

**Technical means: laptop, multimedia projector, screen**

### **The practice of the 4th course is conducted in medical institutions of the city:**

1. GUZ OKB, Perinatal Center 432048, Ulyanovsk region, Ulyanovsk, III Internationala str., 7
2. GUZ GKB No. 1 Perinatal Center 432064, Ulyanovsk region, Ulyanovsk, Doctor Surov Ave., 4
3. Perinatal center "Mama" 432011, Ulyanovsk region, Ulyanovsk, Radishchev str., 42 bldg.5

### **Practice in obtaining professional skills and professional experience (Assistant to a doctor of an outpatient clinic).**

- 5th year Women's Consultation No. 1 432064, Ulyanovsk region, Ulyanovsk, GUZ GKB No. 1 Perinatal Center, Doctor Surova Ave., 4
- Women's consultation TSGKB 432057. Ulyanovsk region, Ulyanovsk, Orenburg str., 27.
- Women's consultation of the CMSC named after the Honored Doctor of Russia V.A. Egorov 432008 Ulyanovsk region, Ulyanovsk, Dostoevsky str., 22
- Women's consultation No. 1 432002, Ulyanovsk region, Ulyanovsk, Gagarin str., 20
- Women's consultation No. 4432002, Ulyanovsk region, Ulyanovsk, Ryabikova str., 96 Самостоятельная работа студенты проводят в учебных аудиториях ГУЗГКБ №1 Перинатальный центр, и ГУЗУОКБ, Перинатальный центр и библиотеке УлГУ 432017, Ульяновская область, г. Ульяновск, ул. Набережной р. Свияга, 106 (корпус 1 и 2)


#### **Tables:**

- on obstetrics:
  - physiological obstetrics – 53
  - operative obstetrics - 27
  - in gynecology: menstrual cycle – 7
  - operative gynecology – 30
  - methods of research in gynecology – 8

#### **• Videos:**

##### ***On obstetrics:***

- ✓ Operation Obstetric Forceps
- ✓ Operation Vacuum extraction of the fetus
- ✓ Cesarean section operation
- ✓ Physiology of childbirth
- ✓ Childbirth in the pelvic presentation
- ✓ Abortion
- ✓ Tsovyanov's Manual 1
- ✓ Manual on Tsovyanov 2
- ✓ Manual manual in the classic way
- ✓ Controlled balloon tamponade
- ✓ Manual separation of the placenta and isolation of the afterbirth *По*

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***gynecology;***

- ✓ climonorm;
- ✓ endoscopic myomectomy;
- ✓ malformations of the female genital organs;
- ✓ laparoscopy in gynecology;
- ✓ bacterial vaginosis;
- ✓ - external endometriosis;

**• Presentations on all topics of lectures of 4-6 courses**

**Library: conference materials, textbooks, Ul'yanovsk Medical and Biological Journal, etc. GUZ GKB No. 1 Perinatal Center, and GUZ UOKB, Perinatal Center**


- \* Computers (2 pcs.), laptop (2 pcs.), netbook (1 pc.).
- Multimedia projector,
- \* A set of tools for obstetric and gynecological operations, KIWI vacuum extractor, models of female pelvises, phantoms, dolls,
- GD/F56 – robotic dummy simulator of a woman in labor with a dummy fetus,
- phantom forearms for Implanon insertion,
- Ultrasound machine-Aloka-500,
- colposcope,
- hysteroscope.

Classrooms for lectures, seminars, group and individual consultations).

The premises for independent work are equipped with computer equipment with the ability to connect to the Internet and provide access to an electronic information and educational environment, an electronic library system.

The classrooms are equipped with specialized furniture, a blackboard. Lecture halls are equipped with multimedia equipment to provide information to a large audience. The list of equipment used in the educational process is indicated in accordance with the information on the material and technical support and equipment of the educational process posted on the official website of the USU in the section "Information about the educational organization".



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## 10. SPECIAL CONDITIONS FOR STUDENTS WITH DISABILITIES

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 impairments: in printed form in enlarged font; 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 typhoid translator; individual assignments and consultations;


- for persons with hearing impairments: in printed form: in the form of an electronic document; video materials with subtitles; individual consultations with the involvement 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 assignments and consultations;

If it is necessary to use partially/ exclusively distance learning technologies in the educational process, the organization of work of teaching staff with students with disabilities and disabilities is provided in an electronic information and educational environment, taking into account their individual psychophysical characteristics.


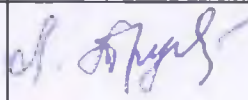
Developer *Тажиева* - associate professor Tajieva V.D. \_\_\_\_\_


Developer *Марина* - assistant Marinova O.A.

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**LIST OF CHANGES of 1**

**Educational plan of discipline  
 «Obstetrics and Gynecology»  
 31.05.01. "General Medicine"  
 (with the development of part of the program in English" № 1  
 Speciality 31.05.01. «General medicine»**

<b>№</b>	<b>Content of the change or a link to the attached text of the</b>	<b>Full name of the head of the Department developing the discipline</b>	<b>Signature</b>	<b>Date</b>
1	Introduction of changes to item C) Professional databases, information and reference systems item 11 "Educational, methodological and information support of the discipline" with the design of Appendix 1	<u>Trubnikova L.I.</u>		31.08.23
2	Introduction of changes to item A) Recommended Literature item 11 "Educational, methodological and information support of the discipline" with the design of Appendix 2	<u>Trubnikova L.I.</u>		31.08.23

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## Appendix 1

### Акушерство и гинекология

#### 11. EDUCATIONAL-METHODICAL AND INFORMATION SUPPORT OF DISCIPLINE


##### a) List of recommended literature

###### Main literature:

- 1 Sidorova, I. S. Obstetrics and gynecology : Vol. 1. Physiological obstetrics : textbook / Sidorova I. S. , Nikitina N. A. - Москва : ГЭОТАР-Медиа, 2021. - 336 с. - ISBN 978-5-9704-6010-8. - Текст :электронный // ЭБС "Консультантстудента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970460108.html>
- 2 Sidorova, I. S. Obstetrics and gynecology : Vol. 4. Gynecology : textbook / Sidorova I. S. , Unanyan A. L. , Nikitina N. A. - Москва : ГЭОТАР-Медиа, 2021. - 192 с. - ISBN 978-5-9704-6013-9. - Текст :электронный // ЭБС "Консультантстудента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970460139.html>
- 3 Radzinskiy, V. E. (Радзинский В. Е. ) Gynecology : textbook / ed. by Radzinskiy V. E. , Fuks A. M. - Москва : ГЭОТАР-Медиа, 2020. - 896 с. - ISBN 978-5-9704-5799-3. - Текст :электронный // ЭБС "Консультантстудента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970457993.html>

###### Additional literature:

1. АндрееваМ. В. Diseasesoftheurinarytract, kidneyandpregnancy = Заболеваниямочевыводящихпутей, почкибеременность :studyquide / М. В. Андреева, Е. П. Шевцова, Ж. С. Мартинсон. - Волгоград :ВолгГМУ, 2021. - 88 с. - ISBN9785965206308. - Текст :электронный // ЭБС "Букап" : [сайт]. - URL : <https://www.books-up.ru/ru/book/diseases-of-the-urinary-tract-kidney-and-pregnancy-13816236/>
2. Instruction and methodological manual on physiological obstetrics / М. L. Albutova, N. V. Voznesenskaya, Т. Y. Kornilova [идр.] ; edited by L. I. Trubnikova ; Ulyanovsk State University, Faculty of Medicine, Departament of Obstetrics and Gynecology. - 3rd edition. - Электрон. текстовыедан. (1 файл : 3,91 Мб). - Ulyanovsk: ULSU, 2018. - Загл. сэкрана. - Текст :электронный<http://lib.ulsu.ru/MegaPro/Download/MObject/1366>
- 3 [Андреева М. В. Вопросы частной гинекологии. ManualIssuesinParticularGynecology / М. В. Андреева, Е. П. Шевцова, Ж. С. Мартинсон. - 2-е изд. доп.. - Волгоград :ВолгГМУ, 2019. - 92 с. - Текст :электронный // ЭБС "Букап" : \[сайт\]. - URL : <https://www.books-up.ru/ru/book/voprosy-chastnoj-ginekologii-manual-issues-in-particular-gynecology-9808729/>.](https://www.books-up.ru/ru/book/voprosy-chastnoj-ginekologii-manual-issues-in-particular-gynecology-9808729/)
4. Strizhakov, A. N. Methodologyandmethodsofeducationalobstetrichistorytaking :tutorialguide / A. N. Strizhakov, I. V. Ignatko, A. M. Rodionova [etal. ]. - 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>

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Educational- methodical:

1. **Albutova M. L.** Methodological developments for independent work of students discipline «Ob/gynecology» for the specialty 31.05.01 «Medical business» (VII - VIII semester) / M. L. Albutova; Ulyanovsk State University. - Ulyanovsk :UISU, 2022. - 9 p. - Неопубликованный ресурс; Наангл. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11600>. - Режим доступа: ЭБСУлГУ. - Текст :электронный.
2. **Bogdasarov A. Yu.** Methodological instructions for students' independent work for the discipline «Obstetrics and gynecology» block «Gynecology» for the specialty 31.05.01 «Medical business» (IX - X terms) / Bogdasarov A. Yu.; Ulyanovsk State University. - Ulyanovsk :UISU, 2022. - 9 p. - Неопубликованный ресурс; Наангл. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11601>. - Режим доступа: ЭБСУлГУ. - Текст :электронный.
3. **Tajieva V. D.** Methodological instructions for students in preparation for practical exercises on the discipline «Obstetrics» for the specialty 31.05.01 «Medical business» (XI-XII semester) / V. D. Tajieva, O. A. Marinova; Ulyanovsk State University. - Ulyanovsk :UISU, 2022. - 31 p. - Неопубликованный ресурс; Наангл. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11614>. - Режим доступа: ЭБСУлГУ. - Текст :электронный.

AGREED:

Leading specialist Магаришников Стас 1 2023

The position of the worker scientific library

Full name

signature

data

**1. Электронно-библиотечные системы:**

1.1. Цифровой образовательный ресурс IPRsmart:электронно-библиотечная система : сайт / ООО Компания«Ай Пи Ар Медиа». - Саратов, [2023]. –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, [2023]. - 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, [2023]. –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, [2023]. – URL: <https://www.rosmedlib.ru>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.5. Большая медицинская библиотека: электронно-библиотечная система: сайт / ООО «Букап». – Томск, [2023]. – 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, [2023]. –URL:<https://e.lanbook.com>. – Режим доступа: для зарегистрир. пользователей. –Текст : электронный.

1.7. ЭБС Znanium.com:электронно-библиотечная система : сайт / ООО «Знаниум». - Москва, [2023]. - 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, [2023].**

**3.Базы данных периодических изданий:**

3.1. eLIBRARY.RU: научная электронная библиотека : сайт / ООО «Научная Электронная Библиотека». – Москва, [2023]. – URL: <http://elibrary.ru>. – Режим доступа : для авториз. пользователей. – Текст : электронный

3.2. Электронная библиотека «Издательского дома «Гребенников» (Grebinnikon) : электроннаябиблиотека / ООО ИД «Гребенников». – Москва, [2023]. – URL: <https://id2.action-media.ru/Personal/Products>. – Режим доступа : для авториз. пользователей. – Текст : электронный.


**4. Федеральная государственная информационная система «Национальная электронная библиотека»:**электронная библиотека: сайт / ФГБУ РГБ. – Москва, [2023]. – 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 Мега-ПРО / ООО «Дата Экспресс». – URL:<http://lib.ulsu.ru/MegaPro/Web>. – Режим доступа :для пользователей научной библиотеки. – Текст : электронный.



Согласовано:


Ишениер Ведущий ; Ишениер Юль ; Ишениер | 20.04.2023  
Должность сотрудника УИТГ | ИНО | Подпись | Дата

Russian Ministry of Science and Higher Education Ulyanovsk State University	Form	
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**LIST OF CHANGES of 2**

**Educational plan of discipline  
«Obstetrics and Gynecology»  
31.05.01. "General Medicine"  
(with the development of part of the program in English" № 1  
Speciality 31.05.01. «General medicine»**

<b>№</b>	<b>Content of the change or a link to the attached text of the</b>	<b>Full name of the head of the Department developing the discipline</b>	<b>Signature</b>	<b>Date</b>
1	Introduction of changes to item C) Professional databases, information and reference systems item 11 "Educational, methodological and information support of the discipline" with the design of Appendix 1	<u>Trubnikova L.I.</u>		14.06.24
2	Introduction of changes to item A) Recommended Literature item 11 "Educational, methodological and information support of the discipline" with the design of Appendix 2	<u>Trubnikova L.I.</u>		14.06.24

Russian Ministry of Science and Higher Education Ulyanovsk State University	Form	
F-Working Discipline Program		

## Appendix 1

### EDUCATIONAL-METHODICAL AND INFORMATION SUPPORT OF DISCIPLINE

#### a) List of recommended literature

Main literature:

- 1 Sidorova, I. S. Obstetrics and gynecology : Vol. 1. Physiological obstetrics : textbook / Sidorova I. S. , Nikitina N. A. - Москва : ГЭОТАР-Медиа, 2021. - 336 с. - ISBN 978-5-9704-6010-8. - Текст :электронный // ЭБС "Консультантстудента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970460108.html>
- 2 Sidorova, I. S. Obstetrics and gynecology : Vol. 4. Gynecology : textbook / Sidorova I. S. , Unanyan A. L. , Nikitina N. A. - Москва : ГЭОТАР-Медиа, 2021. - 192 с. - ISBN 978-5-9704-6013-9. - Текст :электронный // ЭБС "Консультантстудента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970460139.html>

#### Additional literature:

- 1 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 "Консультантстудента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970464496.html>
2. Radzinskiy, V. E. (РадзинскийВ. Е. ) Gynecology : textbook / ed. by Radzinskiy V. E. , FuksA. M. - Москва : ГЭОТАР-Медиа, 2020. - 896 с. - ISBN 978-5-9704-5799-3. - Текст :электронный // ЭБС "Консультантстудента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970457993.html>
3. Instruction and methodological manual on physiological obstetrics / M. L. Albutova, N. V. Voznesenskaya, T. Y. Kornilova [идр.] ; edited by L. I. Trubnikova ; Ulyanovsk State University, Faculty of Medicine, Departament of Obstetrics and Gynecology. - 3rd edition. - Электрон. текстовыедан. (1 файл : 3,91 Мб). - Ulyanovsk: ULSU, 2018. - Загл. с экрана. - Текст : электронный <http://lib.ulsu.ru/MegaPro/Download/MObject/1366>


Educational- methodical:

1. **Albutova M. L.**Methodological developments for independent work of students discipline «Ob/gynecology» for the specialty 31.05.01 «Medical business» (VII - VIII semester) / M. L. Albutova; Ulyanovsk State University. - Ulyanovsk :UISU, 2022. - 9 p. – Неопубликованный ресурс; На англ. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11600>. - Режим доступа: ЭБСУлГУ. - Текст :электронный.
2. Bogdasarova.Yu. Methodological instructions for students' independent work for the discipline «Obstetrics and gynecology» block «Gynecology» for the specialty 31.05.01 «Medical business» (IX - X terms) / Bogdasarova.Yu.; Ulyanovsk State University. - Ulyanovsk :UISU, 2022. - 9 p. – Неопубликованный ресурс; На англ. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11601>. - Режим доступа: ЭБС УлГУ. - Текст :электронный.
3. Tajieva V. D.Methodological instructions for students in preparation for practical exercises on the discipline «Obstetrics» for the specialty 31.05.01 «Medical business» (XI-XII semester) / V. D. Tajieva, O. A. Marinova; Ulyanovsk State University. - Ulyanovsk :UISU, 2022. - 31 p. – Неопубликованный ресурс; На англ. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11614>. - Режим доступа: ЭБС УлГУ. - Текст :электронный.

AGREED:

Leading specialist

Стадольникова


/  / \_\_\_\_\_ 2024\_

The position of the worker scientific library

Full name

signature

date

Russian Ministry of Science and Higher Education Ulyanovsk State University	Form	
F-Working Discipline Program		

## Appendix 2

### 1. *Electronic library systems:*

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 Мега-ПРО / ООО «Дата Экспресс». – URL: <http://lib.ulsu.ru/MegaPro/Web>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.