


FEDERAL STATE BUDGET EDUCATIONAL INSTITUTION  
OF HIGHER EDUCATION  
"ROSTOV STATE MEDICAL UNIVERSITY"  
MINISTRY OF HEALTH OF THE RUSSIAN FEDERATION

Faculty of Education of foreign students, residents and postgraduates

CONFIRM  
Supervisor  
educational program  
E.S. Belousova /  
(FULL NAME.)  
(signature) 2023



**DISCIPLINE WORKING PROGRAM**

*уточнен*  
**OBSTETRICS AND GYNECOLOGY**

Speciality 31.05.01 General medicine

Form of education full-time

Rostov-on-Don  
2023

## I. GOALS AND OBJECTIVES OF MASTERING THE DISCIPLINE

**Goals** mastering the academic discipline “obstetrics and gynecology” consists of mastering knowledge in the field of obstetrics and gynecology, taking into account further training and professional activities in the specialty “medicine”, clinical and physiological characteristics of the reproductive system of women; processes occurring in the body of a woman with a physiological pregnancy; the process of normal childbirth, the physiological postpartum period; basic and additional methods of examination of pregnant women, women in labor and postpartum, treatment and prevention of diseases of the female reproductive system.

### **Tasks** development:

- knowledge in the field of physiology and pathology of the menstrual cycle;
- knowledge of methods for examining pregnant and gynecological patients, allowing to identify possible complications of pregnancy and childbirth;
- recognition of pathology during pregnancy and childbirth during examination and determination of labor management tactics;
- the ability to identify leading signs, symptoms, syndromes in various obstetric pathologies;
- selection of optimal diagnostic methods for gynecological diseases and drawing up an algorithm for differential diagnosis;
- carrying out a full range of therapeutic, rehabilitation and preventive measures among patients with various nosological forms of diseases;
- provision of emergency medical care in the event of emergency conditions;
- selection of optimal treatment regimens for the most common gynecological diseases;
- registration of medical documentation (medical record of an inpatient or outpatient patient, certificate of incapacity for work, statistical certificate, etc.);
- knowledge of the principles of organization and work of treatment and prevention cultural institutions of various types;
- developing skills in studying scientific literature and official statistical reviews;
- developing communication skills with patients, taking into account ethics and deontology, depending on the identified pathology and characterological characteristics of the patients;
- developing student communication skills with the team.

## **II. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE**

The process of studying the discipline “obstetrics and gynecology” is aimed at developing competencies in accordance with the Federal State Educational Standard for Higher Education and the EP in this specialty:

- 2.2. General professional: OPK-4, OPK – 7,
- 2.3. Professional: PC – 3, PC – 4

## **III. THE PLACE OF DISCIPLINE IN THE STRUCTURE OF EP VO**

**3.1.** The academic discipline “obstetrics and gynecology” is a mandatory part of the training.

**3.2.** To study the academic discipline “obstetrics and gynecology”, the following knowledge, abilities and skills, formed by previous disciplines, are required:

- 1 - anatomy;
- 2 - normal physiology;
- 3 - histology, cytology and embryology;
- 4 - pharmacology;
- 5 - pathological anatomy, clinical pathological anatomy;
- 6 - pathophysiology;
- 7 - faculty therapy;
- 8 - occupational diseases;
- 9 - topographic anatomy and operative surgery;
- 10 - anesthesiology, resuscitation, intensive care;
- 11 - pediatrics.

**3.3.** The list of subsequent disciplines that require knowledge, skills and knowledge, formed by the academic discipline “obstetrics and gynecology”:

- 1 - oncology and radiation therapy,
- 2 - anesthesiology, resuscitation and intensive care,
- 3 - pediatrics,
- 4 - hospital therapy and endocrinology,
- 5 - hospital surgery,
- 6 - pediatric surgery,
- 7 – residency in obstetrics and gynecology,
- 8 – Postgraduate course in obstetrics and gynecology.

## **IV. CONTENT AND STRUCTURE OF DISCIPLINE**

Labor intensity of the discipline in Z: 13 z, 468 hours, (mandatory part) - obstetrics and gynecology.

#### 4.1. Sections of the discipline studied in semesters 7, 8, 9, 10:

Section no.	Section name	Number of hours			
		Total	Contact work		SRS (self-standing work of students)
			L (lectures)	KPR (clinical - practically busy)	
<i>Semester 7</i>					
1.	<b>obstetrics and gynecology</b> (physiological obstetrics)	<b>108</b>	32	54	22
	Interim certification form - test				
<i>Semester 8</i>					
2.	<b>obstetrics and gynecology</b> (pathological obstetrics)	<b>108</b>	16	48	44
	Interim certification form – differential pass (with grade)				
<i>Semester 9</i>					
3.	<b>Obstetrics and gynecology</b> (conservative gynecology)	<b>108</b>	16	48	44
	Interim certification form – test				
<i>Semester 10</i>					
4.	<b>Obstetrics and gynecology</b> (operative gynecology)	<b>144</b>	16	48	44
	Interim certification form – exam	<b>36</b>			
<b>Total</b>		<b>456 hours</b>			

#### 4.2 Contact work

##### *Lectures*

No. section	No. lectures	Lecture topics	Number of hours
<i>Semester 7</i>			<b>32h</b>
<b>1</b>	1.	Subject obstetrics and gynecology. Principles of organizing obstetric and gynecological care. Problems of valeology and ecology, implications for reproductive function.	2
	2.	Clinical and morphological features of the female reproductive system at different periods of life. Normal menstrual cycle.	2
	3.	Regulation of the normal menstrual cycle.	2
	4.	Fertilization, formation of the fetus and placenta. Stages of intrauterine development, the influence of harmful factors on the fetus.	2
	5.	Physiological childbirth, clinical presentation and management. Postpartum period, changes in organs and systems..	2

	6.	Pregnancy and childbirth in breech presentation in modern obstetrics.	2
	7.8.	Perinatology as a science. Physiology and pathology of the fetoplacental system. Fetal hypoxia	4
	9.10.	Extragenital diseases and pregnancy (renal pathology, cardiovascular pathology, diabetes, anemia, etc.)	4
	eleven.	Anomalies of generic forces. Clinic and management of childbirth.	2
	12.13	Premature and delayed birth.	4
	14	The course of pregnancy and childbirth with isoserological incompatibility of the blood of mother and fetus. Hemolytic disease of the fetus and newborn.	2
	15, 16	“9 months that create a person” (hereditary, chromosomal, mutagenic factors, the influence of stress, external factors).	4
<b>Semester 8</b>			<b>16h</b>
<b>2</b>	1.2	Bleeding during pregnancy, childbirth and the postpartum period.	4
	3.	DIC syndrome.	2
	4, 5.	Preeclampsia.	4
	6.	Operative obstetrics (caesarean section, obstetric forceps, vacuum fetal extraction).	2
	7.	Postpartum septic diseases. Birth trauma of mother and fetus.	2
	8.	Narrow pelvis in modern obstetrics.	2
<b>Semester 9</b>			<b>16h</b>
<b>3</b>	1.	Organization of obstetric and gynecological care taking into account reproductive and demographic objectives. Problems of valeology and ecology.	2
	2.	Deontology. Research methods in gynecology	2
	3.	Menstrual irregularities and abnormal uterine bleeding.	2
	4.	Neuro-endocrine syndromes in gynecology.	2
	5.	Inflammatory diseases of the female genital organs (specific and nonspecific).	2
	6.	Uterine fibroids.	2
	7.	Endometriosis of the genitals.	2
	8.	Family planning. Methods of abortion. Abortion and its complications.	2
<b>Semester 10</b>			<b>16h</b>
<b>4.</b>	1	Barren marriage	2
	2.	Health problems in perimenopausal women.	2
	3.	Hormonal drugs in obstetrics and gynecology (1 and 2 hours)	2
	4.	Ectopic pregnancy, emergency conditions in gynecology.	2
	5.	Anomalies in the development and position of the genital organs.	2
	6.	Precancerous conditions and cervical cancer.	2
	7.	Benign and malignant ovarian tumors.	2
	8.	Hyperplastic processes and endometrial cancer.	2
<b>Total hours discipline:</b>			<b>80h</b>

***Clinical and practical work***

<b>Section no.</b>	<b>No. KPR</b>	<b>Topics of clinical and practical work</b>	<b>Number of hours</b>	<b>Forms of current control</b>
<b><i>Semester 7</i></b>			<b><i>54h</i></b>	
<b>1</b>	1.	Structure and organization of work of a maternity hospital.	6	Oral survey, written survey, test control, situational tasks
	2.	Anatomical and physiological characteristics of the female body. Menstrual cycle. Clinical anatomy of the female genital organs. Female pelvis. The fetus as an object of birth.	6	Oral survey, written survey, test control, situational tasks
	3.	Fertilization and development of the fetus and placenta. Critical periods of fetal development. Issues of perinatal fetal protection. Methods of contraception.	6	Oral survey, written survey, test control, situational tasks
	4.	Changes in a woman's body during pregnancy. Methods of examination of pregnant women.	6	Oral survey, written survey, test control, situational new tasks; passing practical skills
	5.	Biomechanism of labor in anterior and posterior occipital presentation. Clinic and management of physiological childbirth.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	6.	Physiological course of the postpartum period and the neonatal period. Dynamics of physiological changes in organs and systems in the postpartum period.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	7.	Pregnancy and childbirth with breech presentation.	6	Oral survey, written survey, test control, situational new tasks; passing practical skills
	8.	Childbirth with extension presentation of the head.	6	Oral survey, written survey, test control, situational new tasks; passing practical skills
	9.	Isoserological incompatibility of the blood of mother and fetus. Hemolytic disease of the fetus and newborn.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
<b><i>Semester 8</i></b>			<b><i>48h</i></b>	
<b>2</b>	1.	Gestosis of the first and second half of pregnancy.	6	Oral survey, written survey, test control, situational new tasks; passing practical skills
	2.	Bleeding in the first and second half of pregnancy, during childbirth, and the postpartum period.	6	Oral survey, written survey, test control, situational tasks
	3.	Pregnancy and childbirth with extragenital problems	6	Oral survey, written survey, test

		levaniyah.		control, situational tasks; change practical skills
	4.	Anomalies of the bony pelvis.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	5.	Clinic and management of childbirth with contractile activity anomalies.	6	Oral survey, written survey, test control, situational tasks; change practical skills
	6.	Birth trauma of mother and fetus.	6	Oral survey, written survey, test control, situational new tasks; passing practical skills
	7.	Postpartum septic diseases.	6	Oral survey, written survey, test control, situational new tasks; passing practical skills
	8.	Caesarean section in modern obstetrics. Obstetric forceps. Vacuum extraction of the fruit. Fruit-destroying operations.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
<b>Semester 9</b>			<b>48h</b>	
<b>3</b>	1.	Organization of the work of a gynecological hospital. Research methods in gynecology. Normal menstrual cycle.	6	Oral survey, written survey, test control, situational new tasks; passing practical skills
	2.	Menstrual irregularities. Modern approaches to therapy. Abnormal uterine bleeding at different age periods of a woman's life. The concept of conservative, hormonal and surgical hemostasis.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	3.	Neuroendocrine syndromes in gynecology. Amenorrhea, primary and secondary. Polycystic ovary syndrome. Metabolic syndrome. Premenstrual syndrome. Syndrome after total oophorectomy. Posthysterectomy syndrome.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	4.	Clinical forms of nonspecific inflammatory diseases of the pelvic organs: vulvovaginitis, bartholinitis, colpitis and endocervicitis, inflammatory diseases of the uterus and appendages uterus.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	5.	Genitourinary specific infectious diseases: urogenital trichomoniasis, gonorrhoea, chlamydia, genital tuberculosis, syphilis, HIV infection and AIDS.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	6.	General concept of infertile marriage. Tubal and peritoneal infertility. Endocrine infertility. Uterine infertility. Immune infertility. Assisted reproductive technologies..	6	Oral survey, written survey, test control, situational new tasks; passing practical skills

	7.	Uterine fibroids. Modern approaches to the problem of pathogenesis. Principles of organ-preserving techniques in the treatment of uterine fibroids.	6	Oral survey, written survey, test control, situational tasks; change practical skills
	8.	Endometriosis. Epidemiology. Classification. Principles of hormonal and surgical treatment.	6	Oral survey, written survey, test control, situational new tasks; passing practical skills
<b>Semester 10</b>			<b>48h</b>	
<b>4</b>	1.	Background, precancerous diseases of the cervix: ectopia, ectropion, leukoplakia, dysplasia. Vaccine prevention of cervical cancer. The concept of screening for cervical pathology. Cervical cancer.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	2.	Hyperplastic and precancerous diseases of the endometrium: simple and complex endometrial hyperplasia. Endometrial polyps. Cancer of the uterus.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	3.	Benign tumors and tumor-like diseases of the ovaries: differential diagnosis, approaches to therapy. Ovarian cancer.	6	Oral survey, written survey, test control, situational new tasks; passing practical skills
	4.	Acute abdomen in gynecology: ectopic pregnancy, ovarian apoplexy, torsion of the pedicle of an ovarian tumor, nascent myomatous node, Diagnosis, treatment, prevention. Types of surgical intervention.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	5.	Spontaneous miscarriages. Induced abortions at the request of the woman. Termination of pregnancy for social and medical reasons.	6	Oral survey, written survey, test control, situational new tasks; passing practical skills
	6.	Incorrect development and abnormal position of the genital organs. A modern view on the choice of surgical correction and technology for the correction of genital prolapse using synthetic prostheses.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	7.	Trophoblastic disease. Histological classification of trophoblastic neoplasia. Bubble drift. Choriocarcinoma. Trophoblastic tumor of the placental bed. Epithelioid trophoblastic tumor.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
	8.	Stages of aging of a woman's reproductive system according to the criteria of the Stages of Reproductive Aging Workshop of 2011. STRAW 10. Genitourinary menopausal syndrome (GUMS). Postmenopausal osteoporosis, problems of prevention and treatment. Innovations in menopausal therapy.	6	Oral survey, written survey, test control, situational tasks; passing practical skills
<b>Total hours discipline:</b>			<b>198h</b>	



### 4.3. Independent work of students

Section number	Type of independent work of students	Number of hours	Forms of current control
<i>Semester 7</i>		<b>22h</b>	
<b>1</b>	1. Preparation for clinical and practical classes.	14	Questioning, situational tasks, test control, discussion of birth history.
	2. Preparation of reports, abstracts.	8	Discussion of a report, abstract, colloquium.
<i>Semester 8</i>		<b>44h</b>	
<b>2</b>	1. Preparation for clinical and practical classes.	32	Questioning, situational tasks, test control, discussion of birth history.
	2. Preparation of reports, abstracts.	12	Discussion of a report, abstract, colloquium.
<i>Semester 9</i>		<b>44h</b>	
<b>3</b>	1. Preparation for clinical and practical classes.	32	Questioning, situational tasks, test control, discussion of medical history.
	2. Preparation of reports, abstracts.	12	Discussion of a report, abstract, colloquium.
<i>Semester 10</i>		<b>44h</b>	
<b>4</b>	1. Preparation for clinical and practical classes.	32	Questioning, situational tasks, test control, discussion of medical history.
	2. Preparation of reports, abstracts.	12	Discussion of a report, abstract, colloquium.
<b>Total hours discipline:</b>		<b>154h</b>	

### V. ASSESSMENT FUND FOR CURRENT CONTROL AND INTERMEDIATE CERTIFICATION

The fund of assessment tools for determining the level of development of competencies as a result of mastering the discipline is an appendix to the work program.

### VI. EDUCATIONAL AND METHODOLOGICAL SUPPORT OF DISCIPLINE

#### 6.1. Printed publications

Discipline	Publication name
obstetrics and gynecology	1. Aylamazyan E.K. Obstetrics: a textbook for medical universities / E.K. Aylamazyan. - ed. 7th, rev. and additional - St. Petersburg: SpetsLit, 2010, 2013. - 543 p.
	2. Aylamazyan E.K. Gynecology: a textbook for honey. universities/ E.K. Ailamazyan. - St. Petersburg: SpetsLit, 2008, 2013. - 415c.
	3. Serov V.N. Obstetrics: a textbook for students. honey. universities/ V.N. Serov, A.S. Gasparov, V.I. Kulakov. – M.: MIA, 2009. - 696 p.

	4. Clinical recommendations for obstetrics and gynecology (treatment protocols) / ed. A.V. Adamyan, V.N. Serova, G.T. Sukhikh, O.S. Filippova. – M.: Media sphere, 2016. - 472 p.
	2017 – 637 p.
	5. Distler V. Emergency conditions in obstetrics and gynecology / V. Distler, A. Rin; lane with him. edited by V.E. Radzinsky. – M.: GEOTAR-Media, 2010. - 416 p.
	6. Emergency conditions in obstetrics and gynecology: diagnosis and treatment / ed.: M. Pearlman, J. Tintinally, P. Dean; lane from English P.I. Medvedeva, A.A. Mitrokhina; under general ed. M.A. Kurtser. – M.: BINOM. Knowledge Laboratory, 2009. - 499 p.
	7. Dobrokhotova Yu.E. Non-developing pregnancy: thrombophilic and clinical-immunological factors/ Yu.E. Dobrokhotova, E.M. Jobava, R.I. Ozerova. – M.: GEOTAR-Media, 2010. - 144 p.
	8. Obstetrics: national manual / ed. G.M. Savelyeva, G.T. Sukhikh, V.N. Serova, V.E. Radzinsky; Association of Medical Societies for Quality. - 2nd ed., revised. and additional – M.: GEOTAR-Media, 2015. - 1078 p.
	9. Order of the Ministry of Health of the Russian Federation dated November 1, 2012 No. 572n “Procedure for the provision of medical care in the field of obstetrics and gynecology (except for the use of assisted reproductive technologies).”

## 6.2. Internet resources.

	<b>ELECTRONIC EDUCATIONAL RESOURCES</b>	<b>Access to the resource</b>
	<b>Electronic library RostSMU.</b> – URL: <a href="http://109.195.230.156:9080/opac/">http://109.195.230.156:9080/opac/</a>	Unlimited access
	<b>Student Advisor: EBS.</b> – Moscow: LLC “IPUZ.”- URL: <a href="http://www.studmedlib.ru">http://www.studmedlib.ru</a>	Unlimited access
	<b>Doctor's consultant.</b> Electronic medical library: EBS. – Moscow: LLC GC "GEOTAR". - URL: <a href="http://www.rosmedlib.ru">http://www.rosmedlib.ru</a>	Unlimited access
	<b>Consultant Plus</b> : reference legal system. - URL: <a href="http://www.consultant.ru">http://www.consultant.ru</a>	Access from university computers
	<b>Scientific electronic library eLIBRARY.</b> - URL: <a href="http://elibrary.ru">http://elibrary.ru</a>	Open access
	<b>National Electronic Library.</b> - URL: <a href="http://neb.rf/">http://neb.rf/</a>	Access from library computers
	<b>Scopus/</b> Elsevier Inc., Reed Elsevier. – Philadelphia: Elsevier BV, PA. – URL: <a href="http://www.scopus.com/">http://www.scopus.com/</a> via IP addresses of RostSMU and remotely after registration (National Project)	Unlimited access
	<b>Web of Science/</b> Clarivate Analytics. - URL: <a href="http://apps.webofknowledge.com">http://apps.webofknowledge.com</a> via IP addresses of RostSMU and remotely after registration (National Project)	Unlimited access
	<b>ScienceDirect. Freedom Collection</b> [journals] / Elsevier. – URL: <a href="http://www.sciencedirect.com">www.sciencedirect.com</a> . via IP addresses of RostSMU and remotely after registration ( <i>National project</i> )	Unlimited access

	<b>Springer Nature database.</b> - URL: <a href="http://link.springer.com/">http://link.springer.com/</a> via IP addresses of RostSMU and remotely after registration, remotely via RFBR CIAS <a href="https://kias.rfbr.ru/reg/index.php">https://kias.rfbr.ru/reg/index.php</a> ( <i>National project</i> )	Unlimited access
	<b>Wiley Online Library</b> /John Wiley & Sons. - URL: <a href="http://onlinelibrary.wiley.com">http://onlinelibrary.wiley.com</a> via IP addresses of RostSMU and remotely after registration (National Project)	Unlimited access
	<b>Single window of access to information resources.</b> - URL: <a href="http://window.edu.ru/">http://window.edu.ru/</a>	Open access
	<b>Russian education. Federal educational portal.</b> - URL: <a href="http://www.edu.ru/index.php">http://www.edu.ru/index.php</a>	Open access
	<b>Online dictionaries.</b> - URL: <a href="http://dic.academic.ru/">http://dic.academic.ru/</a>	Open access
	<b>WordReference.com</b> : online linguistic dictionaries. - URL: <a href="http://www.wordreference.com/">http://www.wordreference.com/</a>	Open access
	<b>Federal Electronic Medical Library of the Russian Ministry of Health.</b> - URL: <a href="http://www.femb.ru/feml/">http://www.femb.ru/feml/</a> , <a href="http://feml.scsm1.rssi.ru">http://feml.scsm1.rssi.ru</a>	Open access
	<b>Medline(PubMed, USA).</b> – URL: <a href="https://pubmed.ncbi.nlm.nih.gov/">https://pubmed.ncbi.nlm.nih.gov/</a>	Open access
	<b>Free Medical Journals.</b> - URL: <a href="http://freemedicaljournals.com">http://freemedicaljournals.com</a>	Open access
	<b>Free Medical Books.</b> - URL: <a href="http://www.freebooks4doctors.com/">http://www.freebooks4doctors.com/</a>	Open access
	<b>International Scientific Publications.</b> –URL: <a href="https://www.scientific-publications.net/ru/">https://www.scientific-publications.net/ru/</a>	Open access
	<b>CyberLeninka:</b> scientific electron. beep. - URL: <a href="http://cyberleninka.ru/">http://cyberleninka.ru/</a>	Open access
	Archive scientific magazines / NEICON. - URL: <a href="https://archive.neicon.ru/xmlui/">https://archive.neicon.ru/xmlui/</a>	Open access
	<b>ECO-Vector Journals Portal/Open Journal Systems.</b> -URL : <a href="https://journals.eco-vector.com/">https://journals.eco-vector.com/</a>	Open access
	<b>Open access journals in Russian</b> /EIPub NEICON platform. – URL: <a href="https://elpub.ru/">https://elpub.ru/</a>	Open access
	<b>Medical Herald South Russia.</b> - URL: <a href="https://www.medicalherald.ru/jour">https://www.medicalherald.ru/jour</a> or from the RostSMU website	Open access
	<b>World Health Organization.</b> - URL: <a href="http://who.int/ru/">http://who.int/ru/</a>	Open access
	<b>Evrika.ru</b> information and educational portal for doctors. – URL: <a href="https://www.evrika.ru/">https://www.evrika.ru/</a>	Open access
	<b>Med-Edu.ru:</b> medical video portal. -URL: <a href="http://www.med-edu.ru/">http://www.med-edu.ru/</a>	Open access
	<b>Univadis.ru:</b> international honey. portal. - URL: <a href="http://www.univadis.ru/">http://www.univadis.ru/</a>	Open access
	<b>Rubricator of clinical recommendations</b> Ministry of Health of Russia. - URL: <a href="http://cr.rosminzdrav.ru/">http://cr.rosminzdrav.ru/</a>	Open access

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### 6.3. Teaching aids for students:

Discipline	Publication name
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obstetrics and gynecology	Specific and nonspecific inflammatory diseases of the female genital area: a textbook / A.A. Borscheva, V.V. Markina, M.L. Babaeva [and others]. – Rostov n/a: Publishing house of Rostov State Medical University, 2020.-104 p.
	Infertility of endocrine origin: educational method. allowance / M.P. Kurochka, V.V. Markina, M.L. Babaeva [and others]. – Rostov n/a: Publishing house of Rostov State Medical University, 2020.-40 p.
	Ultrasound semiotics of gynecological norms and pathologies: educational method. manual/A.E.Volkov, V.V.Markina, M.L.Babaeva [and others]. – Rostov n/a: Publishing house of Rostov State Medical University, 2019.-128 p.
	Gental endometriosis: educational manual/A.E.Volkov, V.V. Markina, V.V. Voloshin [and others]. – Rostov n/a: Publishing house of Rostov State Medical University, 2019.- 112 p.
	Nonspecific inflammatory diseases of the female genital organs: educational and methodological manual / A.P. Pavlova, V.V. Markin, A.V. Alikberova [and others]. – Rostov n/a: Publishing house of Rostov State Medical University, 2017.- 40 p.
	Specific inflammatory diseases of the female genital organs and STIs: educational method. manual / comp.: A.A. Borscheva, V.V. Markina, M.L. Babaeva [and others]; edited by A.N. Rymashevsky; Height. state honey. university, department obstetrics and gynecology No. 1. – Rostov n/d: Publishing house of Rostov State Medical University, 2016. - 64 p.
	Maternity consultation as an outpatient link in the obstetrics and gynecology service: educational method. manual / comp.: G.M. Pertseva, V.V. Markina, M.L. Babaeva [and others]; edited by A.N. Rymashevsky; Height. state honey. university, department Obstetrics and Gynecology No. 1. – Rostov n/d: Publishing house RostGMU, 2015. - 48 p.
	Pathological obstetrics: control and measuring materials (test tasks) / Rymashevsky A.N., Kaushanskaya L.V., Pavlova A.P. [and etc.]; edited by Rymashevsky A.N.; Height. state honey. university, department obstetrics and gynecology No. 1. – Rostov n/d: Rostov State Medical University Publishing House, 2014. - 74 p.
	Gynecology: control and measuring materials (test tasks) / Rymashevsky A.N., Kaushanskaya L.V., Pavlova A.P. [and etc.]; edited by Rymashevsky A.N.; Height. state honey. university, department obstetrics and gynecology No. 1. – Rostov n/d: Publishing house Rostov State Medical University, 2014. - 34 p.
	Clinical tasks in gynecology for fifth-year students of the Faculty of Treatment and Prevention: method. allowance / A.N. Rymashevsky, A.P. Pavlova, E.A. Kovaleva [and others]; Height. state honey. university, department obstetrics and gynecology No. 1. – Rostov n/d: Omega-Print, 2012. - 44 p.
	Tests on physiological obstetrics: educational method. manual for fourth-year students of the Faculty of Treatment and Prevention / comp.: Rymashevsky A.N., Volkov A.E., Markina V.V. [and etc.]; Height. state honey. university, department obstetrics and gynecology No. 1. – Rostov n/d: Publishing house of Rostov State Medical University, 2012. - 43 p.

#### 6.6. Periodicals:

1. obstetrics and gynecology
2. Journal of Obstetrics and Women's Diseases.
3. Prenatal diagnosis.
4. Reproduction problems.
5. Russian Bulletin of Obstetrician-Gynecologist. 6. Russian Bulletin of Perinatology and Pediatrics.

## VII. MATERIAL AND TECHNICAL SUPPORT OF DISCIPLINE

No .	Disciplines (modules):	Address (location) of classrooms, name of equipped classrooms, facilities for conducting practical classes.	Equipment of the classroom (technical means, sets of demonstration equipment, laboratory equipment, etc.)
1	2	3	4
1.	Obstetrics and gynecology	<p><b>MBUZ "Maternity Hospital No. 5, Rostov-on-Don"</b>(Madoyan St., 32), 1st and 5th floors of the new building: 2 rooms. rooms, 3 study tables, 15 chairs each.</p>	Boards, pointers, visual aids, tables, obstetric phantoms, bone basins, dolls, educational films, CDs, obstetric forceps, a set of tools for training in obstetric operations, a set of models, pelvis meters, stethoscopes, centimeter tapes.
2.	Obstetrics and gynecology	<p><b>MBUZ "City Hospital No. 8 of Rostov-on-Don"</b> (Krasnoarmeyskaya St., 19) - under the agreement on practical training, Department of Gynecology, Center. floor: 1 training room: 3 study tables, 15 chairs.</p>	Board, pointer, tables, CDs, educational films, a set of tools for training in gynecological operations, a set of models.
3.	Obstetrics and gynecology	<p><b>FSBEI HE "Growth of State Medical University" Ministry of Health of Russia"</b>  <b>ULK</b>(nakhichevanskiy lane, 38/57-59/212-214) (Liter T), audience No. 1, audience No. 2, Nikolaev Auditorium, B. Therapy Auditorium (on a rotating schedule).                       Interactive audience, Rooms for self-preparation</p>	Multimedia technology

4.	Obstetrics and gynecology	<p><b>FSBEI HE "Growth of State Medical University" Ministry of Health of Russia"</b>  <b>NIIAP</b>(Mechnikova St., 43  <i>ground floor of the house:</i>  3 training rooms, 1 teacher's table, 5 teaching tables, 15 chairs each;</p> <p><i>lecture hall</i>  (for 128 seats);</p> <p>methodological office</p> <p><i>Pathomorphological building, 1st floor:</i>  1 training room:  6 study tables,  20 chairs.</p>	<p>Visual aids, tables, bone basins, dolls, a set of tools for training in gynecological manipulations, dummies, a set of histological preparations, X-rays, a museum.</p> <p>Classroom tables (2), chairs, podium, blackboard.</p> <p>Computer, multimedia projector, overhead with a set of films, CDs, educational films, a set of equipment for connecting to the Internet, sets of posters and visual aids</p> <p>Board, pointer, tables, CDs, educational films, a set of tools for training in gynecological operations, a set of models.</p>
5.	Obstetrics and gynecology	<p><b>FSBEI HE "Growth of State Medical University" Ministry of Health of Russia"</b>(lane Suvorova 119/80) (Liter A)  Simulation center:  Phantom class</p>	<p>Phantom class, equipped with phantoms to demonstrate the biomechanism of labor, childbirth, cervical examination, and a set of obstetric instruments.</p> <p>Female pelvis (3 parts), female pelvis and pelvic floor (5 parts), Female pelvic skeleton with genital organs (3 parts), female pelvis with ligaments, organ muscles with a mid-sagittal section passing through the pelvic floor ( 4 parts), male pelvis (2 parts), embryo development (12 stages), pregnancy model (2 parts), pelvic model during pregnancy (2 parts), placenta, stages of fertilization and embryo development, childbirth (5 stages ), a model of various stages of labor, a birth simulator with five models of the cervix (7 parts), a pelvic skeleton for demonstrating childbirth, a baby birth simulator, a simulator of suturing after cutting the perineum (3 parts), a breast examination simulator (3 pieces) .), gynecological simulator, obstetric forceps, instruments for destructive operations.</p>

6.	obstetrics and gynecology	<b>Anatomical Museum at the Department: 4 cabinets</b>	Collection of anatomical wet preparations for obstetrics and gynecology (148 pieces).
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