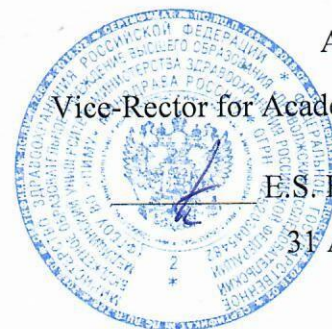


Federal State Budgetary Educational Institution of Higher Education

"Privolzhsky Research Medical University"

Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

WORKING PROGRAM

Name of the academic discipline **OBSTETRICS**

Specialty: **31.05.03 DENTISTRY**

(code, name)

Qualification: **DENTIST**

Department: **OBSTETRICS AND GYNECOLOGY**

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: **108 academic hours**

Nizhny Novgorod

2021

The working program has been developed in accordance with the Federal State Educational Standard for the specialty 31.05.03 DENTISTRY approved by Order of the Ministry of Science and Higher Education of the Russian Federation No. 984 of August 12, 2020.


Developers of the working program:

Borovkova L.V., MD, Professor, Head of Department of Obstetrics and Gynecology of FSBEI HE PRMU MOH Russia

Pak S.V., PhD, Associate Professor, Department of Obstetrics and Gynecology of FSBEI HE PRMU MOH Russia


The program was reviewed and approved at the department meeting (protocol No 2, 23.09.2021)

Head of the Department,

M.D., Professor,  (Borovkova L.V.)
(signature)

23.09.2021

AGREED

Deputy Head of EMA ph.d. of biology  Lovtsova L.V.
(signature)

23.09.2021

1. The purpose and objectives of mastering the academic discipline Obstetrics (hereinafter – the discipline):

1.1. The purpose of mastering the discipline: participation in forming the relevant competencies UC 7, GPC 9, PC 1, PC 6, PC 13.

1.2. Requirements to the deliverables of mastering the discipline

As a result of completing the discipline, the student should

Knows:

Fundamentals of the legislation of the Russian Federation on the protection of the female population health, the main regulatory and technical documents; basics of organization of medical (outpatient and inpatient) care, principles of clinical examination; etiology, pathogenesis, diagnosis, treatment and prevention of the most common diseases; clinical picture, course features and complications of the most common diseases occurring in a typical form; organization of obstetric and gynecological care for the population, peculiarities of the course of pregnancy and childbirth; diagnosis and management of pregnancy; methods of carrying out urgent measures and indications for hospitalization; organization of obstetric and gynecological care for the population, peculiarities of the course of pregnancy and childbirth; diagnosis and management of pregnancy.

Be able to:

analyze and evaluate the quality of medical care, the state of health of the population, the impact on it of lifestyle factors, the environment and the organization of medical care; interpret the results of the examination, make a preliminary diagnosis to the patient, outline the scope of additional studies to clarify the diagnosis; formulate a clinical diagnosis; substantiate pharmacotherapy in a particular patient with major pathological syndromes and emergencies; determine the method of administration, regimen and dose of drugs; evaluate the effectiveness and safety of the treatment; provide emergency assistance during childbirth.

Possess:

methods of maintaining medical accounting and reporting documentation in medical organizations; interpretation of the results of laboratory, instrumental diagnostic methods; an algorithm for making a preliminary diagnosis to patients and, if necessary, with their subsequent referral for additional examination and to specialist doctors; algorithm for making a detailed diagnosis; algorithm for the implementation of basic medical diagnostic and therapeutic measures to provide first aid to victims in emergency and life-threatening conditions.

2. Position of the academic discipline in the structure of the General Educational Program of Higher Education (GEP HE) of the organization.

2.1. The discipline Obstetrics belongs to the educational cycle (section) Block 1. Basic part.

The discipline is taught in 5-6 semesters/ III year of study.

2.2. The following knowledge, skills and abilities formed by previous academic disciplines are required for mastering the discipline:

normal anatomy

biology

microbiology

general surgery

physiology

histology with cytology and embryology

propaedeutics of internal diseases

pathological anatomy

general and clinical pharmacology

public health and health

pathophysiology

2.3. Mastering the discipline is required for forming the following knowledge, skills and abilities for subsequent academic disciplines:

pediatrics

dermatovenereology

disaster medicine, life safety

medical rehabilitation

3. Deliverables of mastering the academic discipline and metrics of competence acquisition

Mastering the discipline aims at acquiring the following universal (UC) or/and general professional (GPC) or/and professional (PC) competencies

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				to know	to be able to	to possess
1.	UC 7	UC 7. Willingness to use first aid techniques, methods of protection in emergency situations	UC 7. Knowledge about the first aid techniques, methods of protection in urgent situations	Fundamentals of the legislation of the Russian Federation, the main regulatory and technical documents for the protection of public health; Fundamentals of the organization of outpatient and inpatient care for the population, modern organizational forms of work and diagnostic capabilities of the outpatient service; Etiology, pathogenesis, diagnosis, treatment and prevention of the most common diseases; Clinical picture, features of the course and complications of the most common diseases occurring in a typical form; Organization of obstetric and gynecological care for the population, peculiarities of the course of pregnancy and childbirth; diagnosis and management of pregnancy Methods of carrying out urgent	analyze and evaluate the quality of medical care, the state of health of the population, the impact on it of lifestyle factors, the environment and the organization of medical care; Interpret the results of the examination, make a preliminary diagnosis to the patient, outline the scope of additional studies to clarify the diagnosis; formulate a clinical diagnosis; Substantiate pharmacotherapy in a particular patient with major pathological syndromes and	methods of maintaining medical accounting and reporting documentation in medical organizations; Interpretation of the results of laboratory, instrumental diagnostic methods; Algorithm for making a preliminary diagnosis patients and, if necessary, with their subsequent referral for additional examination and to specialist doctors; Algorithm for making a detailed diagnosis; Algorithm for

				measures and indications for hospitalization Organization of obstetric and gynecological care for the population, peculiarities of the course of pregnancy and childbirth; diagnosis and management of pregnancy	emergencies; determine the method of administration, regimen and dose of drugs; evaluate the effectiveness and safety of the treatment; Provide emergency assistance during childbirth	the implementation of basic medical diagnostic and therapeutic measures to provide first aid to victims in emergency and life-threatening conditions
2.	GPC 9	GPC 9. The ability to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	GPC 9. Knowledge the morphofunctional, physiological conditions and pathological processes in the human body	Fundamentals of the legislation of the Russian Federation, the main regulatory and technical documents for the protection of public health; Fundamentals of the organization of outpatient and inpatient care for the population, modern organizational forms of work and diagnostic capabilities of the outpatient service; Etiology, pathogenesis, diagnosis, treatment and prevention of the most common diseases; Clinical picture, course features and complications of the most common diseases occurring in a typical form; Organization of obstetric and gynecological care for the population, peculiarities of the course of pregnancy and childbirth; diagnosis and management of pregnancy; Methods of carrying out urgent measures and indications for hospitalization; Organization of obstetric and gynecological care	analyze and evaluate the quality of medical care, the state of health of the population, the impact on it of lifestyle factors, the environment and the organization of medical care; Interpret the results of the examination, make a preliminary diagnosis to the patient, outline the scope of additional studies to clarify the diagnosis; formulate a clinical diagnosis; Substantiate pharmacotherapy in a particular patient with major pathological syndromes and emergencies; determine the method of	methods of maintaining medical accounting and reporting documentation in medical organizations; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for making a preliminary diagnosis to patients and, if necessary, with their subsequent referral for additional examination and to specialist doctors; Algorithm for making a detailed diagnosis; Algorithm for the implementation of basic

				for the population, features of the course of pregnancy and childbirth; diagnosis and management of pregnancy	administration, regimen and dose of drugs; evaluate the effectiveness and safety of the treatment; Provide emergency assistance during childbirth	medical diagnostic and therapeutic measures to provide first aid to victims in emergency and life-threatening conditions
3.	PC 1	PC 1. The ability and readiness to implement a set of measures aimed at maintaining and promoting health and including the formation of a healthy lifestyle, prevention of the occurrence and (or) spread of diseases, their early diagnosis, identification of the causes and conditions for their occurrence and development, as well as aimed at eliminating harmful effects on human health of environmental factors	PC 1. Knowledge about healthy lifestyle, prevention of the occurrence and (or) spread of diseases, their early diagnosis, identification of the causes and conditions for their occurrence and development	Fundamentals of the legislation of the Russian Federation, the main regulatory and technical documents for the protection of public health; Fundamentals of the organization of outpatient and inpatient care for the population, modern organizational forms of work and diagnostic capabilities of the outpatient service; Etiology, pathogenesis, diagnosis, treatment and prevention of the most common diseases; Clinical picture, course features and complications of the most common diseases occurring in a typical form; Organization of obstetric and gynecological care for the population, peculiarities of the course of pregnancy and childbirth; diagnosis and management of pregnancy; Methods of carrying out urgent measures and indications for hospitalization; Organization of obstetric and gynecological care for the population, features of the course of	analyze and evaluate the quality of medical care, the state of health of the population, the impact on it of lifestyle factors, the environment and the organization of medical care; Interpret the results of the examination, make a preliminary diagnosis to the patient, outline the scope of additional studies to clarify the diagnosis; formulate a clinical diagnosis; Substantiate pharmacotherapy in a particular patient with major pathological syndromes and emergencies; determine the method of administration, regimen and dose of drugs;	methods of maintaining medical accounting and reporting documentation in medical organizations; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for making a preliminary diagnosis to patients and, if necessary, with their subsequent referral for additional examination and to specialist doctors; Algorithm for making a detailed diagnosis; Algorithm for the implementation of basic medical diagnostic and therapeutic

				pregnancy and childbirth; diagnosis and management of pregnancy	evaluate the effectiveness and safety of the treatment; Provide emergency assistance during childbirth	measures to provide first aid to victims in emergency and life-threatening conditions
4.	PC 6	PC 6. The ability to determine in patients the main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems - X revision	PC 6. Ability to work in accordance with the International Statistical Classification of Diseases and Related Health Problems - X revision	Fundamentals of the legislation of the Russian Federation, the main regulatory and technical documents for the protection of public health; Fundamentals of the organization of outpatient and inpatient care for the population, modern organizational forms of work and diagnostic capabilities of the outpatient service; Etiology, pathogenesis, diagnosis, treatment and prevention of the most common diseases; Clinical picture, course features and complications of the most common diseases occurring in a typical form; Organization of obstetric and gynecological care for the population, peculiarities of the course of pregnancy and childbirth; diagnosis and management of pregnancy; Methods of carrying out urgent measures and indications for hospitalization; Organization of obstetric and gynecological care for the population, features of the course of pregnancy and childbirth; diagnosis and management of	analyze and evaluate the quality of medical care, the state of health of the population, the impact on it of lifestyle factors, the environment and the organization of medical care; Interpret the results of the examination, make a preliminary diagnosis to the patient, outline the scope of additional studies to clarify the diagnosis; formulate a clinical diagnosis; Substantiate pharmacotherapy in a particular patient with major pathological syndromes and emergencies; determine the method of administration, regimen and dose of drugs; evaluate the effectiveness and safety of the	methods of maintaining medical accounting and reporting documentation in medical organizations; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for making a preliminary diagnosis to patients and, if necessary, with their subsequent referral for additional examination and to specialist doctors; Algorithm for making a detailed diagnosis; Algorithm for the implementation of basic medical diagnostic and therapeutic measures to provide first aid to victims

				pregnancy	treatment; Provide emergency assistance during childbirth	in emergency and life- threatening conditions
5.	PC 13	PC 13. Readiness for educational activities to eliminate risk factors and the formation of healthy lifestyle skills	PC 13. Readiness for educational activities for formation of healthy lifestyle skills	Fundamentals of the legislation of the Russian Federation, the main regulatory and technical documents for the protection of public health; Fundamentals of the organization of outpatient and inpatient care for the population, modern organizational forms of work and diagnostic capabilities of the outpatient service; Etiology, pathogenesis, diagnosis, treatment and prevention of the most common diseases; Clinical picture, course features and complications of the most common diseases occurring in a typical form; Organization of obstetric and gynecological care for the population, peculiarities of the course of pregnancy and childbirth; diagnosis and management of pregnancy; Methods of carrying out urgent measures and indications for hospitalization; Organization of obstetric and gynecological care for the population, features of the course of pregnancy and childbirth; diagnosis and management of pregnancy	analyze and evaluate the quality of medical care, the state of health of the population, the impact on it of lifestyle factors, the environment and the organization of medical care; Interpret the results of the examination, make a preliminary diagnosis to the patient, outline the scope of additional studies to clarify the diagnosis; formulate a clinical diagnosis; Substantiate pharmacotherapy in a particular patient with major pathological syndromes and emergencies; determine the method of administration, regimen and dose of drugs; evaluate the effectiveness and safety of the treatment; Provide emergency	methods of maintaining medical accounting and reporting documentatio n in medical organizations; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for making a preliminary diagnosis to patients and, if necessary, with their subsequent referral for additional examination and to specialist doctors; Algorithm for making a detailed diagnosis; Algorithm for the implementatio n of basic medical diagnostic and therapeutic measures to provide first aid to victims in emergency and life- threatening

					assistance during childbirth	conditions
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4. Sections of the academic discipline and competencies that are formed when mastering them

№	Competence code	Section name of the discipline	The content of the section in teaching units
1.	UC 7, GPC 9, PC 1, PC 6, PC 13	Organization of obstetric and gynecological care for the female population. Anatomical and physiological features of the reproductive system. Research methods in obstetrics and gynecology	Female dispensary. Maternity house. Maternal and perinatal mortality. Maternity leave. Exchange card. Individual card of the pregnant woman and the puerperal. Case report. Family planning. Contraception. Gynecological hospital. The hypothalamic-pituitary system. Target organ. Feedback. Bimanual, rectal examination. Symptom "pupil", basal temperature. Functional diagnostic tests. Colposcopy. Oncocytology. Biopsy (aimed, cone-shaped). Separate diagnostic curettage. Aspiration biopsy. Hysteroscopy. Hysterosalpingography. Laparoscopy. Optical coherence tomography. MRI. Ozone therapy. Family planning. Contraception. reproductive period. Teenage years. Premenopause. Menopause. Postmenopause
2.	UC 7, GPC 9, PC 1, PC 6, PC 13	Physiological obstetrics	Menstrual cycle. Gestational process. Perinatology. Perinatal period. Birth canal. Female pelvis. Fetus. Fetus attitude. Fetal position. Presentation of the fetus. Position. View. Insertion of the fetal head. Birth axis of the pelvis. Reference point. Biomechanism of labour.
3.	UC 7, GPC 9, PC 1, PC 6, PC 13	Pathological obstetrics	Preeclampsia. Narrow pelvis. Birth trauma. Spontaneous abortion. Infected abortion. Preterm labor. Obstetric bleeding. Placenta previa. Placental abruption. Uterine hypotony. Uterine atony. Afterbirth defect. Abnormal adherence of the placenta. DIC syndrome. Sepsis. Septic shock. Hemorrhagic shock.
4.	UC 7, GPC 9, PC 1, PC 6, PC 13	Endocrine disorders in gynecology. Infertility.	Amenorrhea. Hypomenstrual syndrome. Dysfunctional uterine bleeding. Hyperpolymenorrhea. Oligomenorrhea. Opsomenorrhea. Dysmenorrhea. Polycystic ovary syndrome. Hyperprolactinemia. Hyperandrogenism. climacteric syndrome. Replacement hormone therapy. Premenstrual syndrome. Infertility. The male factor. Spermogram. female infertility. Anovulation. endocrine factor. Tubal-peritoneal factor. Postcoital test. Ovulation induction. Assisted reproductive technologies. in vitro fertilization
5.	UC 7, GPC 9, PC 1, PC 6, PC 13	Sexually transmitted infection. Emergency conditions in gynecology.	Endometritis. Salpingoophoritis. Pelvioperitonitis. Metrothrombophlebitis. Parametritis. Vulvit. Cervicitis. Colpitis. Bartholinitis. Sexually transmitted infection. Trichomoniasis. Gonorrhoea. Chlamydia. Candidiasis. Bacterial vaginosis. Acute abdomen. Apoplexy of the ovary. Torsion of the cystoma, myomatous node. Ectopic pregnancy. Peritonitis. Pelvioperitonitis. Abortion. Septic shock. Pyosalpinx.
6.	UC 7, GPC 9, PC 1, PC 6, PC 13	Oncogynecology. Hyperplastic diseases of the genital organs. Incorrect positions of the genitals. Violations of the	Ectopia of the cervix. Ectropion. Polyp. Leukoplakia. HPV infection. Myoma of the uterus. Serous and pseudomucinous cystoma. Fibroma of the ovary. Retention cyst. Teratoma. Endometriosis. Hormone-producing ovarian tumor. Endometrial hyperplasia CIN. Precancer

	development of the genital organs.	Cancer. Malformations of the uterus. Prolapse of the genitals.
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5. Volume of the academic discipline and types of academic work

Type of educational work	Labor intensity		Labor intensity (AH) in semesters	
	volume in credit units (CU)	volume in academic hours (AH)	semester 5	semester 6
Classroom work, including:	2	72	36	36
Lectures (L)	0,6	20	10	10
Laboratory practicum (LP)*				
Practicals (P)	1,4	52	26	26
Seminars (S)				
Student's individual work (SIW)	0,5	18	10	8
Classroom		8	6	2
Extracurricular		10	4	6
Students' research work (SRW)	0,5	18	9	9
Mid-term assessment exam				+
TOTAL LABOR INTENSITY	3	108	56	52

6. Content of the academic discipline

6.1. Sections of the discipline and types of academic work

№	Name of the section of the academic discipline	Types of educational work* (in AH)					
		L	LP	P	S	SIW	total
1.	Organization of obstetric and gynecological care for the female population. Anatomical and physiological features of the reproductive system. Research methods in obstetrics and gynecology	2		15		5	22
2.	Physiological obstetrics	4		6		10	20
3.	Pathological obstetrics	4		10		5	19
4.	Endocrine disorders in gynecology. Infertility	4		5		5	14
5.	Sexually transmitted infection. Emergency conditions in gynecology	4		5		5	14
6.	Oncogynecology. Hyperplastic diseases of the genital organs. Incorrect positions of the genitals. Violations of the development of the genital organs	2		11		6	19
	TOTAL(total - AH)	20		52		36	108

* - L – lectures; LP – laboratory practicum; P – practicals; S – seminars; SIW – student's

individual work.

6.2. Thematic schedule of educational work types:

6.2.1 Thematic schedule of lectures

№	Name of lecture topics	Volume in AH	
		semester 5	semester 6
1.	Physiology of the female reproductive system. The menstrual cycle is its regulation. Changes in the dental system of a pregnant woman. Tasks of a dentist in creating normal conditions for the physiological course of pregnancy and antenatal protection of the fetus.	2	
2.	Physiology of labour (regulation of labor activity, causes of childbirth). The concept of perinatology. Perinatal health care of the fetus and newborn. Periods of intrauterine development of the fetus. Influence of damaging factors on the embryo and fetus.	2	
3.	Preeclampsia and their influence on the condition of the fetus. Diagnosis, management of childbirth, prevention.	2	
4.	Family planning. Abortion prevention. Modern methods of contraception.	2	
5.	Bleeding in the second half of pregnancy and childbirth. Emergency care for bleeding in obstetric practice.	2	
6.	Menstrual disorders and their relationship with the pathology of the dentition of a woman in various periods of her life.		2
7.	Inflammatory diseases of the pelvic organs of specific and nonspecific etiology. Dependence of their development, course and outcomes on working and living conditions. Prevention.		2
8.	Benign and malignant neoplasms of the uterus, cervix and ovaries. Organization of medical examinations in the prevention of malignant forms.		2
9.	Infertility		2
10.	Acute abdomen in gynecologic practice		2
	TOTAL (total - AH)	10	10

6.2.2. The thematic plan of laboratory practicums (if this type of classes is stipulated in the curriculum) - **this type of classes is not stipulated in the curriculum**

6.2.3. Thematic plan of practicals

№	Name of the topics of practicals	Volume in AH	
		semester 5	semester 6
1.	Birth canal. Pelvis from an obstetric point of view. The fetus as an object of childbirth. obstetric terminology. Biomechanism of labor in anterior and posterior occiput presentation. Narrow pelvis. The state of the dentoalveolar system with anomalies of the bone pelvis.	6	
2.	Structure, organization and sanitary and epidemiological regime of the maternity hospital. Methods of examination of pregnant women and women in childbirth. Clinic and management of normal childbirth. Changes in the dentition of the fetus during passage through the birth canal. Newborn toilet. Clinic and management of the physiological postpartum period. Importance of breastfeeding. Dietetics. Hygiene of puerperas. Prevention of postpartum diseases. Features of the sanitary and hygienic regime in the postpartum department.	5	
3.	The structure and organization of the women's consultation. Diagnosis of pregnancy. The course and management of physiological pregnancy. The role of the dentist in the medical examination of pregnant women. Hygiene and	5	

	nutrition during pregnancy. Physical and psychological preparation of married couples for childbirth.		
4.	Preeclampsia. Etiology, pathogenesis, classification, clinic, diagnostics. Therapy of gestosis and their prevention. Urgent care.	5	
5.	Bleeding during pregnancy. Placenta previa. Placental abruption. Bleeding in the III stage of labour and early postpartum periods.	5	
6.	Clinical anatomy of the female genital organs. Research methods in gynecology. The menstrual cycle and its regulation. Menstrual disorders.		5
7.	Inflammatory diseases of the female genital organs of specific and nonspecific etiology.		5
8.	Myoma of the uterus. Endometriosis. Benign and precancerous diseases of the cervix. Cervical cancer. Hyperplastic processes of the endometrium, precancer and cancer of the endometrium.		6
9.	Benign and malignant neoplasms of the ovaries.		5
10.	Abortions: artificial and spontaneous. Medical and social indications for abortion. Family planning. Abortion prevention. Modern methods of contraception.		5
	TOTAL (total - AH)	26	26

6.2.4. Thematic plan of seminars (if this type of classes is stipulated in the curriculum)-

this type of classes is not stipulated in the curriculum

6.2.5. Types and topics of student's individual work (SIW)

6.2.6. Classroom individual work of a student

№	Name of classroom individual work of a student	Volume in AH	
		semester 5	semester 6
1.	Sanitary and anti-epidemic regime of an obstetric hospital. Order "On the improvement of measures for the prevention of nosocomial infections in obstetric hospitals". Manual manual "crotch protection".	1	
2.	Obstetric terminology. Methods of external obstetric research.	1	
3.	Determination of the expected gestational age. Determination of the date of granting maternity leave. Determination of risk factors for adverse pregnancy outcomes (perinatal risk).	1	
4.	Hygiene and nutrition of pregnant women. Physical and psychological preparation for childbirth.	1	
5.	Ethics and deontology in obstetric and gynecological practice.	1	
6.	Anatomical and physiological features of the reproductive system of women. Anatomical and physiological features of the genital organs of women in different age periods. Patterns of formation and extinction of the reproductive function of women.	1	
7.	Prevention of inflammatory diseases of the female genital organs and the role of health education. Individual and population prevention of sexually transmitted diseases. Physiotherapeutic and sanatorium methods of treatment of gynecological patients. Indications and contraindications.		1
8.	Violation of sexual development. Clinical and hormonal aspects, diagnosis, treatment. Incorrect positions of the genitals.		1
	TOTAL (total - AH)	6	2

6.2.7. Extracurricular individual work of a student

№	Name of extracurricular individual work of a student	Volume in AH	
		semester 5	semester 6
1.	Curation of pregnant women and women in labor in the maternity ward and the	2	

	department of pregnant women. Curation of patients with various gynecological pathologies		
2.	Curation of patients with various gynecological pathologies		2
3.	Preparation of abstract report on obstetrics	2	4
	TOTAL (total - AH)	4	6

6.2.8. Students' research work

№	Name of the students' research work	Volume in AH	
		semester 5	semester 6
1.	Reproductive health, family planning	4	4
2.	Major obstetric syndromes	5	5
	TOTAL (total - AH)	9	9

7. Types of assessment formats for ongoing monitoring and mid-term assessment

№	Semester №	Types of control	Name of section of academic discipline	Competence codes	Assessment formats		
					types	number of test questions	number of test task options
1.	5	Preliminary knowledge control (input)	Physiological obstetrics	UC 7, GPC 9, PC 1, PC 6, PC 13	tests	20	5
2.	5	Current control of the development of the topic	Organization of obstetric and gynecological care for the female population.	UC 7, GPC 9, PC 1, PC 6, PC 13	Individual survey, testing, interview on a situational task	20	5
3.	5	Current control of the student's individual work	Organization of obstetric and gynecological care for the female population.	UC 7, GPC 9, PC 1, PC 6, PC 13	Written work, testing	20	5
4.	5	Current control of the development of the topic	Physiological obstetrics	UC 7, GPC 9, PC 1, PC 6, PC 13	Individual survey, testing, interview on a situational task, test, analysis of a clinical case	20	5
5.	5	Current control of the student's individual work	Physiological obstetrics	UC 7, GPC 9, PC 1, PC 6, PC 13	Individual survey, testing, interview on a situational task, test, analysis of a clinical case	20	5
6.	5	Current control of the	Pathological obstetrics	UC 7, GPC 9, PC 1, PC 6, PC 13	Individual survey,	20	5

		development of the topic			testing, interview on a situational task, test, analysis of a clinical case, abstract		
7.	5	Текущий контроль самостоятельной работы студента	Pathological obstetrics	UC 7, GPC 9, PC 1, PC 6, PC 13	Individual survey, testing, interview on a situational task, test, analysis of a clinical case, abstract	20	5
8.	6	Current control of the development of the topic	Endocrine disorders in gynecology. Infertility.	UC 7, GPC 9, PC 1, PC 6, PC 13	Individual survey, testing, interview on a situational task, test, analysis of a clinical case	20	5
9.	6	Current control of the student's independent work	Endocrine disorders in gynecology. Infertility.	UC 7, GPC 9, PC 1, PC 6, PC 13	Individual survey, testing, interview on a situational task, test, analysis of a clinical case	20	5
10	6	Current control of the development of the topic	Sexually transmitted infection. Emergency conditions in gynecology.	UC 7, GPC 9, PC 1, PC 6, PC 13	Individual survey, testing, interview on a situational task, test, analysis of a clinical case	20	5
11	6	Current control of the student's independent work	Sexually transmitted infection. Emergency conditions in gynecology.	UC 7, GPC 9, PC 1, PC 6, PC 13	Individual survey, testing, interview on a situational task, test, analysis of a clinical case	20	5
12	6	Current control of the development of the topic	Oncogynecology. Hyperplastic diseases of the genital organs. Incorrect positions of the genitals. Violations of the development of the genital organs.	UC 7, GPC 9, PC 1, PC 6, PC 13	Individual survey, testing, interview on a situational task, test, analysis of a clinical case	20	5
13	6	Current control of the	Oncogynecology. Hyperplastic	UC 7, GPC 9, PC 1, PC 6, PC 13	Individual survey,	20	5

		student's independent work	diseases of the genital organs. Incorrect positions of the genitals. Violations of the development of the genital organs.		testing, interview on a situational task, test, analysis of a clinical case		
14	6	Mid-term assessment	Credit		Final tests	50	5

8. Educational, methodological and informational support for mastering the academic discipline (printed, electronic publications, the Internet and other network resources)

8.1. Key literature references

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	Obstetrics: textbook / G. M. Savelyeva, R. I. Shalina, L. G. Sichinava, O. B. Panina, M. A. Kurtser. - M. : GEOTAR-Media, 2009. - 656 p.	1	105
2	Obstetrics [Electronic resource]: textbook / Savelyeva G.M., Shalina R.I., Sichinava L.G., Panina O.B., Kurtser M.A. - M.: GEOTAR-Media, 2015. - Electronic resource STUDENT CONSULTANT http://www.studmedlib.ru http://www.studmedlib.ru/book/ISBN9785970432952.html	-	1
3	Gynecology: a textbook for universities / ed. G. M. Savelyeva, V. G. Breusenko. - M. : GEOTAR-Media, 2007. - 432 p.	1	110
4	Gynecology [Electronic resource]: textbook / Ed. G.M. Savelieva, V.G. Breusenko. - 4th ed., revised. and additional - M.: GEOTAR-Media, 2012. - Electronic resource STUDENT CONSULTANT http://www.studmedlib.ru http://www.studmedlib.ru/book/ISBN9785970422540.html	-	1
5	Gynecology [Electronic resource]: textbook / Ed. V. E. Radzinsky, A. M. Fuks - M. : GEOTAR-Media, 2014. - http://www.studmedlib.ru/book/ISBN9785970427583.html	-	1

8.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	Obstetrics: textbook / V. N. Serov, A. S. Gasparov, V. I. Kulakov. - M. : Medical Information Agency, 2009. - 696 p.	1	1
2	Obstetrics: national leadership: short edition / Russian Society	1	1

	of Obstetricians and Gynecologists, Association of Medical Societies for Quality; ed. E. K. Ailamazyan, V. N. Serov, V. E. Radzinsky, G. M. Savelyeva. - M. : GEOTAR-Media, 2013. - 608 p.		
3	Obstetrics. A course of lectures: a textbook for students of honey. universities / ed. A. N. Strizhakov, A. I. Davydov. - M. : GEOTAR-Media, 2009. - 456 p.	1	15
4	Pregnancy and childbirth in extragenital diseases / SV Apresyan; ed. V. E. Radzinsky. - M. : GEOTAR-Media, 2009. - 464 p.	1	1
5	Obstetrics. Guide to practical exercises [Electronic resource]: textbook / ed. V. E. Radzinsky. - 5th ed., revised. and additional - M.: GEOTAR-Media, 2015. - Electronic resource STUDENT CONSULTANT http://www.studmedlib.ru http://www.studmedlib.ru/book/ISBN9785970432501.html	-	1
6	Obstetrics [Electronic resource]: textbook / E. K. Ailamazyan and others - 9th ed., revised. and additional - M.: GEOTAR-Media, 2015. - Electronic resource STUDENT CONSULTANT http://www.studmedlib.ru http://www.studmedlib.ru/book/ISBN9785970433164.html	-	1
7	Gynecology. Course of lectures: textbook / ed. A. N. Strizhakov, A. I. Davydov. - M. : GEOTAR-Media, 2009.	1	11
8	Clinical gynecology: textbook / N. M. Podzolkova, I. V. Kuznetsova, O. L. Glazkova. - M. : Medical Information Agency, 2009. - 616 p.	1	1
9	Pediatric and adolescent gynecology: a guide for physicians / Yu. A. Gurkin. - M. : Medical Information Agency, 2009. - 696 p.	1	1
10	Gynecology: national guide / ed. V. I. Kulakov, I. B. Manukhin, G. M. Savelyeva. - M. : GEOTAR-Media, 2007. - 1072 p.	1	1
11	Electronic resource STUDENT CONSULTANT http://www.studmedlib.ru Gynecology. Guide to practical exercises [Electronic resource]: textbook / Ed. V.E. Radzinsky. - 3rd ed., revised. and additional - M. : GEOTAR-Media, 2013. - http://www.studmedlib.ru/book/ISBN9785970424070.html	-	1
12	Obstetric bleeding: textbook / L. V. Borovkova, O. I. Guseva, N. A. Egorova, S. V. Pak, S. O. Kolobova, D. V. Pershin; ed.	5	5

	L. V. Borovkova; Ed. organization Nizhny Novgorod State Medical Academy. - N. Novgorod: Publishing House of NizhGMA, 2015. - 104 p.		
13	Obstetric bleeding: textbook / L. V. Borovkova, O. I. Guseva, N. A. Egorova, S. V. Pak, S. O. Kolobova, D. V. Pershin; ed. L. V. Borovkova; Ed. Organization Nizhny Novgorod State Medical Academy. - 2nd ed., Rev. And extra. - N. Novgorod: Publishing house of NizhGMA, 2016. - 100 p.	5	5
14	Obstetric bleeding [Electronic resource]: textbook / L. V. Borovkova, O. I. Guseva, N. A. Egorova, S. V. Pak, S. O. Kolobova, D. V. Pershin, Nizhny Novgorod State Medical Academy ; ed. L. V. Borovkova. – Electron. Dan. (1 Mb). - Nizhny Novgorod: NizhGMA Publishing House, 2015. - Access mode: http://95.79.46.206/view.php?fDocumentId=3617 .	-	1
15	Methodical instructions for conducting industrial practice in obstetrics for students of the 4th year of medical and pediatric faculties / comp. T. S. Kachalina, S. V. Pak, L. N. Ilyina; Ed. organization Nizhny Novgorod State Medical Academy. - N. Novgorod: Publishing house of NizhGMA, 2012. - 36 p.	5	5
16	Guidelines for the conduct of an internship in obstetrics for 4th year students of the medical and pediatric faculties [Electronic resource] / Nizhny Novgorod State Medical Academy; comp. T. S. Kachalina, S. V. Pak, L. N. Ilyina. – Electron. Dan. (485 Kb). - Nizhny Novgorod: Publishing house of NizhGMA, 2012. - Access mode: http://95.79.46.206/view.php?fDocumentId=4906 .	-	1
17	Rational management of complicated pregnancy: a guide for doctors / N. A. Egorova, O. I. Guseva, S. V. Pak, V. V. Kulikova, N. G. Pivonova, V. V. Krasnov, Nizhny Novgorod State Medical Academy; ed. L. V. Borovkova. - 2nd ed. - N. Novgorod: NGMA, 2013. - 184 p.	5	5
18	Rational management of complicated pregnancy: a guide for doctors / N. A. Egorova, O. I. Guseva, S. V. Pak, V. V. Kulikova, N. G. Pivonova, V. V. Krasnov, Nizhny Novgorod State Medical Academy; ed. L. V. Borovkova. - 3rd ed. - N. Novgorod: NGMA, 2015. - 184 p.	5	5
19	Diagnosis and treatment of diseases of the cervix. Modern capabilities, error analysis: textbook / I. A. Kuznetsova, G. O.	-	6

	Grechkanov, O. V. Kachalina, M. S. Zinovieva, A. N. Zinoviev, T. M. Motovilova; ed. L. V. Borovkova. - N. Novgorod: Publishing house of NizhGMA, 2017. - 60 p.		
20	Chronic endometritis in reproductive age. Modern concepts of etiopathogenesis, diagnosis and principles of treatment. New approaches to therapy: textbook / ed. T. S. Kachalina. - N. Novgorod: Publishing house of NizhGMA, 2015. - 88 p.	-	5
21	Obstetric bleeding: textbook / Borovkova L.V., Guseva O.I., Egorova N.A., Pak S.V., Kolobova S.O., Pershin D.V. - Nizhny Novgorod: NSMA, 2015.	5	99
22	Emergency conditions in obstetrics and gynecology: a textbook / Lyudmila Vasilievna Borovkova, N. A. Egorova and Olga Igorevna Guseva; Ed. organization Nizhny Novgorod State Medical Academy. - N.Novgorod: NizhGMA, 2008. - 144 p.	5	54
23	Rational management of complicated pregnancy: a guide for doctors / Natalya Alexandrovna Egorova, Olga Igorevna Guseva, Svetlana Vladimirovna Pak, Vera Vladimirovna Kulikova, Nadezhda Georgievna Pivonova and Viktor Valentinovich Krasnov; ed. Lyudmila Vasilievna Borovkova; Ed. organization Nizhny Novgorod State Medical Academy. - N.Novgorod: NGMA, 2011. - 184 p.	5	5
24	Chronic placental insufficiency: a teaching aid / T. S. Kachalina, E. V. Tretyakova, S. V. Pak and N. Yu. Katkova; Ed. organization Nizhny Novgorod State Medical Academy. - N.Novgorod: NizhGMA, 2008. - 72 p.	5	5
25	Order of the Ministry of Health of the Russian Federation dated November 1, 2012 No. 572n "On approval of the Procedure for the provision of medical care in the field of obstetrics and gynecology (with the exception of the use of assisted reproductive technologies)"	1	-
26	Clinical recommendations "Obstetrics and gynecology" (special issue). Volume 23 3/2017. Edited by L.V. Adamyan, V.N. Serov, G.T. Sukhikh, O.S. Filippov	1	-
27	Diagnosis and treatment of diseases of the cervix. Modern capabilities, error analysis: textbook / I. A. Kuznetsova, G. O. Grechkanov, O. V. Kachalina, M. S. Zinovieva, A. N. Zinoviev, T. M. Motovilova; ed. L. V. Borovkova. - N. Novgorod: Publishing house of NizhGMA, 2017. - 60 p.	5	6
28	Chronic endometritis in reproductive age. Modern concepts of	5	5

	etiopathogenesis, diagnosis and principles of treatment. New approaches to therapy: textbook / ed. T. S. Kachalina. - N. Novgorod: Publishing house of NizhGMA, 2015. - 88 p.		
29	Order of the Ministry of Health of the Russian Federation dated November 1, 2012 No. 572n "On approval of the Procedure for the provision of medical care in the field of obstetrics and gynecology (with the exception of the use of assisted reproductive technologies)"	1	-

8.3. Electronic educational resources for teaching academic subjects

8.3.1. Internal Electronic Library System of the University (IELSU)

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
1.	Internal electronic library system of the University (IELSU) http://nbk.pimunn.net/MegaPro/Web	Works of the teaching staff of the University: textbooks, textbooks, collections of tasks, methodological manuals, laboratory work, monographs, collections of scientific papers, scientific articles, dissertations, abstracts of dissertations, patents	From any computer and mobile device using an individual login and password. Access mode: http://nbk.pimunn.net/MegaPro/Web	Not limited

8.3.2. Electronic educational resources acquired by the University

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
1.	EBS "Student Consultant" (Electronic database "Student Consultant". Database "Medicine. Healthcare (VO) and "Medicine. Healthcare (SPO)") http://www.studmedlib.ru	Educational literature, additional materials (audio, video, interactive materials, test tasks) for higher medical and pharmaceutical education	From any computer and mobile device using an individual login and password. Access mode: http://nbk.pimunn.net/MegaPro/Web	Not limited
2.	Database "Doctor's consultant. Electronic Medical	National guidelines, clinical guidelines, textbooks, monographs, atlases,	From any computer and mobile device using an individual login and	Not limited

	Library " https://www.rosmedlib.ru	pharmaceutical reference books, audio and video materials, ICD-10 and ATX	password. Access mode: http://nbk.pimunn.net/MegaPro/Web	
3.	Electronic library system "Bukap" https://www.books-up.ru	Educational and scientific medical literature of Russian publishers, including translations of foreign publications. Publications of the participating universities are available within the framework of the "Big Medical Library" project	From any computer and mobile device using an individual login and password; access is automatic from university computers. Publications from the "My Books" section are available for reading. Access mode: http://nbk.pimunn.net/MegaPro/Web	Not limited
4.	YURAYT Educational Platform https://urait.ru	Collection of publications on psychology, ethics, conflictology	From any computer and mobile device using an individual login and password. Access mode: http://nbk.pimunn.net/MegaPro/Web	Not limited
5.	Electronic periodicals as part of the database "Scientific Electronic Library eLibrary" https://elibrary.ru	Electronic medical journals	From university computers. Access mode: https://elibrary.ru	Not limited
6.	Integrated Information and Library system (IBS) of the scientific and educational medical cluster of the Volga Federal District - "Srednevolzhsky" (contract on a free basis)	Electronic copies of scientific and educational publications from the collections of libraries participating in the scientific and educational medical cluster of the Volga Federal District "Srednevolzhsky"	Access by individual login and password from any computer and mobile device. Access mode: websites of libraries participating in the project	Not limited
7.	Electronic legal reference system "Consultant Plus"	Regulatory documents regulating the activities of medical and pharmaceutical	From the computers of the scientific library.	Not limited

	(contract on a free basis) http://www.consultant.ru	institutions	Access mode: http://www.consultant.ru/	
8.	National Electronic Library (NEL) (contract on a free basis) http://neb.rf	Electronic copies of publications (including scientific and educational) on a wide range of knowledge	Scientific and educational works that have not been reprinted in the last 10 years are in the public domain. Works restricted by copyright – from the computers of the scientific library. Access mode: http://neb.rf	Not limited

8.3.3 Open access resources

№	Name of the electronic resource	Brief description (content)	Access conditions
1.	Federal Electronic Medical Library (FEML) http://neb.rf	Full-text electronic copies of printed publications and original electronic publications on medicine and biology	From any computer located on the Internet. Access mode: http://neb.rf
2.	Scientific Electronic Library eLIBRARY.RU https://elibrary.ru	Abstracts and full texts of scientific publications, electronic versions of Russian scientific journals	From any computer located on the Internet. Access mode: https://elibrary.ru
3.	Open Access Scientific Electronic Library CyberLeninka http://cyberleninka.ru	Full texts of scientific articles with annotations published in scientific journals of Russia and neighboring countries	From any computer located on the Internet. Access mode: https://cyberleninka.ru
4.	Electronic collection of the publishing house Springer https://rd.springer.com	Full-text scientific publications (journals, books, articles, scientific protocols, conference materials)	From university computers. Access mode: https://rd.springer.com

5.	Database of periodicals of the publishing house Wiley www.onlinelibrary.wiley.com	Periodicals published by Wiley	From university computers, from any computer with an individual login and password Access mode: www.onlinelibrary.wiley.com
6.	Electronic collection of periodicals "Freedom" on the Science Direct platform https://www.sciencedirect.com	Periodicals of the Elsevier publishing house	From the computers of the university, from any computer with an individual login and password. Access mode:https://www.sciencedirect.com
7.	Scopus Database www.scopus.com	International Abstract Database of Scientific Citation	From the computers of the university, from any computer with an individual login and password. Access mode:www.scopus.com
8.	Database Web of Science https://www.webofscience.com	International Abstract Database of Scientific Citation	From the computers of the university, from any computer with an individual login and password. Access mode:https://www.webofscience.com
9.	Questel Database Orbit https://www.orbit.com	The company's patent database Questel	From university computers. Access mode:https://www.orbit.com
10.	PubMed https://www.ncbi.nlm.nih.gov/pubmed	The search engine of the US National Library of Medicine for the databases "Medline", "PreMedline"	From any computer and mobile device. Access mode:https://www.ncbi.nlm.nih.gov/pubmed
11.	Directory of Open Access Journals http://www.doaj.org	Directory of open access to the full-text collection of periodicals	From any computer and mobile device. Access mode:http://www.doaj.org
12.	Directory of open access books (DOAB) http://www.doabooks.org	Directory of open access to the full-text collection of scientific books	From any computer and mobile device. Access mode:http://www.doabooks.org

9. Material and technical support for mastering an academic discipline

9.1. The list of premises necessary for conducting classroom lessons in the discipline

1. Lecture hall
2. Study rooms
3. Simulation obstetric class (virtual maternity hospital)
4. Wards of the department of pathology of pregnant women,
5. Wards of the maternity ward, delivery room
6. Wards of physiological and 2nd obstetric departments
7. Wards of the gynecological department
8. Observation room
9. Operating block
10. Office of the doctor of the female dispensary
11. Office of psychoprophylactic preparation for labour

9.2. The list of equipment necessary for conducting classroom lessons in the discipline

1. Multimedia complex (laptop, projector, screen)
2. Computer class with Internet access
3. Sets of slides, tables / multimedia visual materials on various sections of the discipline
4. PC, video and DVD players, monitors
5. Educational films
6. Board

9.3. Educational technologies in an interactive form used in the process of teaching the discipline

1. Lecture - visualization
2. Role play
3. Brainstorming discussion
4. Clinical analysis
5. Computer simulations (virtual maternity hospital)

9.3. A set of licensed and freely distributed software, including domestic production

Item no.	Software	number of licenses	Type of software	Manufacturer	Number in the unified register of Russian software	Contract No. and date
1	Wtware	100	Thin Client Operating System	Kovalev Andrey Alexandrovich	1960	2471/05-18 from 28.05.2018
2	MyOffice is Standard. A corporate user license for	220	Office Application	LLC "NEW CLOUD TECHNOLO	283	without limitation, with the right to receive

	educational organizations, with no expiration date, with the right to receive updates for 1 year.			GIES"		updates for 1 year.
3	LibreOffice		Office Application	The Document Foundation	Freely distributed software	
4	Windows 10 Education	700	Operating systems	Microsoft	Azure Dev Tools for Teaching Subscription	
5	Yandex. Browser		Browser	«Yandex»	3722	
6	Subscription to MS Office Pro for 170 PCs for FGBOU VO "PIMU" of the Ministry of Health of Russia	170	Office Application	Microsoft		23618/HN10030 LLC "Softline Trade" from 04.12.2020

10. List of changes to the working program (to be filled out by the template)

Federal State Budgetary Educational Institution of Higher Education

"Privolzhsky Research Medical University"

Ministry of Health of the Russian Federation

(FSBEI HE "PRMU" of the Ministry of Health of Russia)

Department of

Obstetrics and gynecology

CHANGE REGISTRATION SHEET

working program for the academic discipline

OBSTETRICS

Field of study / specialty / scientific specialty: 31.05.03 **DENTISTRY**

(code, name)

Training profile: _____

(name) - for master's degree programs

Mode of study: _____ *full-time* _____

full-time/mixed attendance mode/extramural

Position	Number and name of the program section	Contents of the changes made	Effective date of the changes	Contributor's signature
1				

Approved at the department meeting

Protocol No. _____ of _____ 20__

Head of the Department

of Obstetrics and gynecology, professor _____ / L.V. Borovkova
department name, academic title signature print name