



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

WORKING PROGRAM

Name of the academic discipline: **OBSTETRICS**

Specialty: **31.05.01 GENERAL MEDICINE**

Qualification: **GENERAL PRACTITIONER**

Department: **OBSTETRICS AND GYNECOLOGY**

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: **252 academic hours**

Nizhny Novgorod

2021

The working program has been developed in accordance with the Federal State Educational Standard for the specialty 31.05.01 GENERAL MEDICINE approved by Order of the Ministry of Science and Higher Education of the Russian Federation No. 988 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" on September 23, 2021)

Head of Department,
MD, Professor



(signature)

(Borovkova L.V.)

September 23, 2021

AGREED

Deputy Head of EMA

ph.d. of biology
(signature)



Lovtsova L.V.

September 23, 2021

1. The purpose and objectives of mastering the academic discipline Obstetrics.

1.1 The purpose of mastering the discipline: participation in forming the relevant competencies: UC 4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22.

1.2. Requirements to the deliverables of mastering the discipline

As a result of completing the discipline, the student should

Know:

Russian Federation legislation fundamentals in the protection of the female population health, the main regulatory and technical documents; basics of the medical (outpatient and inpatient) care organization, principles of clinical examination; maintenance of standard accounting and reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern classification; clinical findings, features of the pregnancy complications course; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for diagnosing obstetric complications; features of the organization of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods of emergency measures, indications for planned hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of pregnancy and childbirth management; the basics of counseling for non-abortion; theoretical foundations for the collection, storage, retrieval and processing of information in medical units, the use of information computer systems in medicine and healthcare.

Be able to:

collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and pathogenetic agents; manage a physiological pregnancy; provide assistance during childbirth; provide first aid in emergency conditions in obstetric practice; fill in the history of childbirth, write out a prescription; advise women not to have abortions; use educational, scientific literature, the Internet for professional activities.

Possess:

correct maintenance of medical records; methods of general clinical obstetric examination; interpretation of the obtained results of laboratory, instrumental diagnostic methods; algorithm of detailed obstetric clinical diagnosis; algorithm for making a preliminary diagnosis with subsequent referral of the patient to the appropriate specialist doctor; the main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions; methods of counseling against abortion; skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and round tables; basic information of transformation technologies: text, spreadsheet editors, Internet search.

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” refers to the core part of Block 1 of the main professional educational programs of higher education.

The discipline is taught in 7, 8 semester/ 4th year of study.

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

latin language

anatomy

biology

microbiology, virology

histology, embryology, cytology

general surgery
normal physiology
topographic anatomy, operative surgery
pathological anatomy, clinical pathological anatomy
propaedeutics of internal diseases
pathological anatomy, clinical pathological anatomy
pharmacology
public health and healthcare, health economics
pathophysiology, clinical pathophysiology

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

physician assistant
gynecology
physician assistant at an outpatient clinic
clinical pharmacology
basics of emergency care

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 4	UC 4. The ability to act in non-standard situations, the willingness to bear social and ethical responsibility for decisions made	UC 4. Action in non-standard situations	Fundamentals of the legislation of the Russian Federation on the protection of the health of the female population, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination maintenance of standard accounting and reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric	collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and	correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the lab results, instrumental diagnostic methods ; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent

				<p>complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination in a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling</p> <p>Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare</p>	<p>pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in emergency conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities</p>	<p>referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods; Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and round tables</p> <p>Basic information transformation technologies: text, spreadsheet editors, Internet search</p>
2.	UC 7	UC 7. Readiness to use first aid techniques, methods of protection in urgent situations	UC 7. Knowledge about the first aid techniques, methods of protection in urgent situations	<p>Fundamentals of the legislation of the Russian Federation on the protection of the female population health, the main regulatory and technical documents; the basics of organizing of medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting</p>	<p>collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research;</p>	<p>correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic</p>

				<p>medical documentation; risk factors in development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care in population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling</p>	<p>choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in urgent conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions</p>	<p>methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods</p>
3.	GPC 4.	GPC 4. The ability and readiness to implement ethical and deontological principles in professional activities	GPC 4. Knowledge about ethical and deontological principles in professional activities	<p>Fundamentals of the legislation of the Russian Federation on the protection of the health of the female population, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and</p>	<p>collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research;</p>	<p>correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic</p>

				<p>reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling</p>	<p>choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in urgent conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions</p>	<p>methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods; Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and round tables</p>
4.	GPC 5	GPC 5. Ability and readiness to analyze the results of one's own activities to prevent professional errors	GPC 5. Knowledge about analyze the results of one's own activities to prevent professional errors	<p>Fundamentals of the legislation of the Russian Federation on the protection of the health of the female population, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and</p>	<p>collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research;</p>	<p>correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic</p>

				<p>reporting medical documentation; risk factors in development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for planned hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy childbirth; basics of abortion counseling</p> <p>Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare</p>	<p>choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in urgent conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities</p>	<p>methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods</p>
5.	GPC 6	GPC 6. Readiness to medical records maintain	GPC 6. Knowledge about medical records	<p>Fundamentals of the legislation of the Russian Federation on the protection of the health of the female</p>	<p>conduct a physiological pregnancy; assist in childbirth ; fill in the history of childbirth, write</p>	<p>correct maintenance of medical records; An algorithm for</p>

			maintain	population, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting medical documentation; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare	out a prescription; Advise women not to have abortions; Use educational, scientific literature, the Internet for professional activities	a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; Abortion counseling methods; Basic information transformation technologies: text, spreadsheet editors, Internet search
6.	GPC 8	GPC 8. Readiness for the medical use of drugs and other substances and their combinations in solving professional problems	GPC 8. Knowledge of the medical drug use and other substances and their combinations	Fundamentals of the legislation of the Russian Federation on the protection of the health of the female population, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of	collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis;	correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for a detailed obstetric clinical

				<p>the most common obstetric complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth</p>	<p>develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in urgent conditions in obstetric practice; fill in the history of childbirth, write out a prescription</p>	<p>diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions</p>
7.	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	<p>Fundamentals of the legislation of the Russian Federation on the protection of the health of the female population, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most</p>	<p>collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account</p>	<p>correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary</p>

				<p>common obstetric complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling</p> <p>Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare</p>	<p>etiologic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in urgent conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities</p>	<p>diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods</p>
8.	PC 1	PC 1. The ability and readiness to implement a set of measures aimed at maintaining and promoting health and including the	PC 1. Knowledge about healthy lifestyle, prevention of the occurrence and (or) spread of diseases, their early diagnosis,	<p>Fundamentals of the legislation of the Russian Federation on the protection of the female population health, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and</p>	<p>collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of</p>	<p>correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental</p>

		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	identification of the causes and conditions for their occurrence and development	reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare	additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in urgent conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities	diagnostic methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods; Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and round tables Basic information transformation technologies: text, spreadsheet editors, Internet search
9.	PC 5	PC 5. Readiness to collect and analyze	PC 5. Knowledge about presence	Fundamentals of the legislation of the Russian Federation on the protection	collect anamnesis, conduct a survey, obstetric examination;	correct maintenance of medical records;

	<p>patient complaints, anamnesis data, examination results, laboratory, instrumental, patho-anatomical and other studies in order to recognize a condition or establish the presence or absence of a disease</p>	<p>or absence of a disease</p>	<p>of the health of the female population, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern classification; clinical picture, features of the course of complications of pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for planned hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling Theoretical foundations for the collection, storage, retrieval and processing of information in medical</p>	<p>assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in emergency conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities</p>	<p>Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods; Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and round tables Basic information transformation technologies: text, spreadsheet</p>
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				systems, the use of information computer systems in medicine and healthcare.		editors, Internet search
10.	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 on the protection of the female population health, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care for the population,	collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiotropic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in urgent conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities	correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods; Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and

				<p>diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling</p> <p>Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare</p>		<p>ethical argumentation, discussion and round tables</p> <p>Basic information transformation technologies: text, spreadsheet editors, Internet search</p>
11.	PC 8	PC 8. The ability to determine the tactics of managing patients with various nosological forms	PC 8. Ability to determine the tactics of managing patients with various nosological forms	<p>Fundamentals of the legislation of the Russian Federation on the protection of the female population health, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic</p>	<p>collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in urgent conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women have no any abortions Use educational, scientific literature, the Internet for professional activities</p>	<p>correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling</p>

				<p>capabilities of antenatal clinics, methods for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling</p> <p>Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare</p>		<p>methods; Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and round tables</p> <p>Basic information transformation technologies: text, spreadsheet editors, Internet search</p>
12.	PC 9	PC 9. Readiness for the management and treatment of patients with various nosological forms in outpatient settings and day hospital conditions	PC 9. Knowledge about management and treatment of patients with various nosological forms	<p>Fundamentals of the legislation of the Russian Federation on the protection of the female population health, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including</p>	<p>collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiotropic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in urgent conditions in obstetric practice; fill in the history of childbirth, write out a prescription;</p>	<p>correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic</p>

				<p>endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for planned hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling</p> <p>Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare</p>	<p>Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities</p>	<p>measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods; Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and round tables</p> <p>Basic information transformation technologies: text, spreadsheet editors, Internet search</p>
13.	PC 12.	PC 12. Readiness for conducting physiological pregnancy, childbirth	PC 12. Knowledge about conduction of the physiological pregnancy, childbirth	<p>Fundamentals of the legislation of the Russian Federation on the protection of the female population health, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern</p>	<p>collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and</p>	<p>correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with</p>

				<p>classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care in population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare</p>	<p>pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in emergency conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities</p>	<p>the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods; Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and round tables Basic information transformation technologies: text, spreadsheet editors, Internet search</p>
14.	PC 17	PC 17. The ability to apply the basic principles of organization and management in the organization and management of protecting the health of citizens, in medical	PC 17. Ability to apply the basic principles of organization and management in the organization and management of protecting the health	<p>Fundamentals of the legislation of the Russian Federation on the protection of the female population health, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting medical documentation; features of</p>	<p>collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type</p>	<p>correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic methods; An</p>

		organization s and their structural divisions	of citizens	the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare	of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in urgent conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities	algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life- threatening conditions, Abortion counseling methods; Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and round tables Basic information transformation technologies: text, spreadsheet editors, Internet search
15.	PC 20.	PC 20. Readiness for the analysis and public presentation of medical	PC 20. Ability for the analysis and public presentati	Fundamentals of the legislation of the Russian Federation on the protection of the female population health, the main regulatory and technical documents; the	collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to	correct maintenance of medical records; Methods of general clinical obstetric

	information based on evidence-based medicine	on of medical information	<p>basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling</p> <p>Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and</p>	<p>provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in emergency conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities</p>	<p>examination; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods; Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and round tables</p> <p>Basic information transformation technologies: text, spreadsheet editors, Internet search</p>
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				healthcare		
16.	PC 21.	PC 21. Ability to participate in scientific research	PC 21. Ability to participate in scientific research	<p>Fundamentals of the legislation of the Russian Federation on the protection of the female population health, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures, indications for planned hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth;</p>	<p>collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiologic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in urgent conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities</p> <p>Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare</p>	<p>correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods; Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and</p>

				basics of abortion counseling Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare		round tables Basic information transformation technologies: text, spreadsheet editors, Internet search
17.	PC 22.	PC 22. Readiness to participate in the implementation of new methods and techniques aimed at protecting the health of citizens	PC 22. Ability to participate in the implementation of new methods and techniques	Fundamentals of the legislation of the Russian Federation on the protection of the female population health, the main regulatory and technical documents; the basics of organizing medical (outpatient and inpatient) care, the principles of clinical examination; maintenance of standard accounting and reporting medical documentation; risk factors for the development of obstetric complications; methods of sanitary and educational work; etiology, pathogenesis and preventive measures of the most common obstetric complications, their modern classification; clinical findings, features of complications course in pregnancy; their diagnostic methods, modern methods of clinical, laboratory, instrumental examination of a pregnant woman (including endoscopic, radiological methods, ultrasound diagnostics); criteria for the diagnosis of obstetric complications; features of the organization and scope of the antenatal clinic doctor, modern diagnostic capabilities of antenatal clinics, methods for conducting urgent measures,	collect anamnesis, conduct a survey, obstetric examination; assess the condition of the pregnant woman to make a decision on the need to provide obstetric and gynecological care; conduct a survey of the reproductive system; outline the scope of additional research; choose an individual type of obstetric and gynecological care; formulate a diagnosis; develop tactics for managing pregnancy and childbirth; treatment taking into account etiotropic and pathogenetic agents; conduct a physiological pregnancy; assist in childbirth; provide first aid in emergency conditions in obstetric practice; fill in the history of childbirth, write out a prescription; Advise women not to have abortions Use educational, scientific literature, the Internet for professional activities	correct maintenance of medical records; Methods of general clinical obstetric examination; Interpretation of the results of laboratory, instrumental diagnostic methods; An algorithm for a detailed obstetric clinical diagnosis; An algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor; The main diagnostic and therapeutic measures for the provision of obstetric care in urgent and life-threatening conditions, Abortion counseling methods; Skills of presenting an independent

			<p>indications for elective hospitalization of pregnant women; organization of obstetric and gynecological care for the population, diagnosis of pregnancy, methods of conducting pregnancy and childbirth; basics of abortion counseling</p> <p>Theoretical foundations for the collection, storage, retrieval and processing of information in medical systems, the use of information computer systems in medicine and healthcare</p>	<p>point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussion and round tables</p> <p>Basic information transformation technologies: text, spreadsheet editors, Internet search</p>
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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.	UC4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22	Organization of obstetric and gynecological care for the female population	Female dispensary. Maternal house. Maternal and perinatal mortality. Maternity leave. Exchange card. Individual card of a pregnant woman and a maternity hospital. Case report. Family planning. Contraception.
2.	UC 4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22	Physiological obstetrics	Menstrual cycle. Gestational process. Perinatology. The perinatal period. Birth canal. Female pelvis. Fetus. The location of the fetus. Fetal position. Presentation of the fetus. Position. View. Insertion of the fetal head. The wired axis of the pelvis. A wired point. Mechanism of labour.
3.	UC 4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22	Pathological obstetrics	Preeclampsia. Anatomically narrow pelvis. Clinical narrow pelvis. Birth trauma. Weakness of labor activity. Discoordinated labor activity. Hypertensive dysfunction of the uterus. Miscarriage. Prolongation. Spontaneous abortion. Infected abortion. Premature birth. Habitual fetal loss. Fetal hypoxia. Asphyxia of a newborn. Fetal growth retardation. Chronic placental insufficiency. Hemolytic disease of the fetus. Rhesus conflict. Obstetric bleeding. Placenta previa. Placental abruption. Uterine hypotony. Uterine atony. Defect of the afterbirth. Abnormal attachment of the placenta. The true increment of the placenta. DIC syndrome. Postpartum endometritis. Postpartum lactation mastitis. Sepsis. Septic

			shock. Gestational pyelonephritis. Gestational diabetes mellitus. Anemia of pregnant women. Intrauterine infection. Terminal states. Hemorrhagic shock. Thrombophilic complications. Amniotic fluid embolism. Extragenital pathology and pregnancy.
4.	UC 4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22	Operative obstetrics	Caesarean section. Medical, artificial abortion. Obstetric forceps. Vacuum extraction of the fetus. Combined classic version of the fetus on the leg. Fetal extraction by the pelvic end. Craniotomy. Decapitation. Kleidotomy.

5. Volume of the academic discipline and types of academic work

Type of educational work	Labor intensity		Labor intensity in semesters (AH)	
	volume in credit units (CU)	volume in academic hours (AH)		
			semester 7	semester 8
Classroom work, including:	3,6	130	80	50
Lectures (L)*		30	18	12
Laboratory practicum (LP)				
Practicals (P)		100	62	38
Seminars (S)				
Student's individual work (SIW)	2,4	86	46	40
Research work of students				
Mid-term assessment	1	36		36
Exam				
TOTAL LABOR INTENSITY	7	252	126	126

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 (AH)					total
		L	LP	P	S	SIW	
1.	Organization of obstetric and gynecological care for the female population	-		6		2	8

2.	Physiological obstetrics	4		44		30	78
3.	Pathological obstetrics	24		44		46	114
4.	Operative obstetrics	2		6		8	16
	total	30		100		86	216

* - 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 7	semester 8
1.	Physiology of the female reproductive system. Menstrual cycle.	2	
2.	Preeclampsia. Etiology, pathogenesis, clinic, diagnosis.	2	
3.	Preeclampsia. Prevention. Principles of therapy. Management of pregnancy and labour. Rehabilitation of women who have suffered preeclampsia during pregnancy.	2	
4.	Birth trauma of the mother. Uterine ruptures.	2	
5.	Dysfunction labour.	2	
6.	Chronic placental insufficiency. Fetal growth retardation. Fetal hypoxia. Etiology, pathogenesis, classification, clinical picture.	2	
7.	Chronic placental insufficiency. Fetal growth retardation. Fetal hypoxia. Modern methods of studying the state of the FPC. Obstetric tactics, prevention.	2	
8.	Caesarean section in modern obstetrics.	2	
9.	Postterm and prolonged pregnancy.	2	
10.	Obstetric bleeding.		2
11.	Diseases of the cardiovascular system (heart defects) and pregnancy.		2
12.	Family planning. Modern methods of contraception.		2
13.	Premature labour.		2
14.	Isoserological incompatibility of maternal and fetal blood.		2
15.	Diabetes mellitus and pregnancy.		2
	TOTAL (total - AH)	18	12

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	
		semester7	semester8
1.	Birth canal. Pelvis from an obstetric point of view. The fetus as an object of childbirth.	5	
2.	Obstetric terminology. Methods of external obstetric examination. The concept of the head segment. Diagnostics of the head standing level.	5	
3.	Occipital presentation. Biomechanism of labour in anterior and posterior occipital presentation.	5	
4.	Cephalic malpresentations. Biomechanisms of labour. The course and management of pregnancy and labour.	5	
5.	Pelvic presentation. Pregnancy and labour in pelvic presentation of the fetus. Manual aids for pelvic presentations.	6	
6.	The structure and organization of the obstetric hospital. Research methods in obstetrics. Clinic and management of normal labour. The first period of labor. Anomalies of labor activity.	6	
7.	Clinic and management of normal labour. The second and third periods of labor. Manual method. Birth trauma of the mother and fetus. Physiological postpartum period.	6	
8.	The structure and organization of the work of the female dispensary. Tasks and methods of work. Signs of pregnancy. Diagnosis of early pregnancy. Methods of examination of pregnant women in a female dispensary. The course and management of physiological pregnancy.	6	
9.	Management of pregnant women with an increased risk in a female dispensary. Diagnosis of late pregnancy. Determination of the period of prenatal leave. Medical examination of pregnant women.	6	
10.	Preeclampsia and eclampsia.	6	
11.	Fetal hypoxia and newborn asphyxia.	6	
12.	Narrow pelvis in modern obstetrics.		6
13.	Placenta previa. Premature detachment of a normally located placenta.		6
14.	Bleeding in the III stage of labour and early postpartum period.		6
15.	Miscarriage. Premature labour.		4
16.	Spontaneous miscarriage. Artificial abortion. Prevention of unplanned pregnancy.		6

17.	Pregnancy and extragenital diseases.		4
18.	Operative obstetrics. Obstetric forceps. Vacuum extraction of the fetus. Fetal extraction by the breech. Combined rotation of the fetus on the leg.		6
	TOTAL (total - AH)	62	38

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)

№	Types and topics of SIW	Volume in AH	
		semester 7	semester 8
1.	Working with electronic educational resources, viewing and studying a video lecture on the portal of distance educational system: Physiological changes in a woman's body during pregnancy. Hormonal regulation of the gestational process. Causes of childbirth. (Video lecture).	4	
2.	Working with electronic educational resources, viewing and studying video lectures on the distance educational system portal: The concept of perinatology. Periods of intrauterine fetal development. The effect of damaging factors on the embryo and fetus. (Video lecture).	4	
3.	Work with literary and other sources of information to study the material on the topic: determination of the expected term of pregnancy. Determination of the date of granting maternity leave. Determination of risk factors for an unfavorable outcome of pregnancy (perinatal risk).	2	
4	Work with literary and other sources of information to study the material on the topic: Resuscitation of newborns born in asphyxia.	4	
5.	Working with electronic educational resources, viewing and studying video lectures on the portal of distance educational system: Antiphospholipid syndrome (video lecture).	4	
6	Work with literary and other sources of information to study the material on the topic: Early toxicosis.	6	
7	Work with literary and other sources of information to study the material on the topic: Multiple pregnancy.	6	
8	Work with literary and other sources of information to study the material on the topic: Transverse position of the fetus.	4	
9	Working with electronic educational resources, viewing and studying video lectures on the portal of distance educational system: DIC syndrome in obstetrics (video lecture).		4
10.	Working with electronic educational resources, viewing and studying video lectures on the portal of distance educational system: Postpartum purulent-		4

	inflammatory diseases. Features of postpartum generalized infection in modern obstetrics (video lecture).		
11.	Work with literary and other sources of information to study the material on the topic: Emergency care for terminal conditions in obstetrics.		4
12.	Work with literary and other sources of information to study the material on the topic: Fruit-destroying operations.		4
13.	Working with electronic educational resources, viewing and studying video lectures on the portal of distance educational system: Iron deficiency anemia in pregnant women (video lecture).		4
14.	Working with electronic educational resources, viewing and studying video lectures on the portal of distance educational system: Acute surgical pathology in pregnant women (video lecture).		4
15.	Work with literary and other sources of information to study the material on the topic: Operations for damage to the genitals (suturing ruptures of the vagina, perineum and cervix).		4
16.	Writing the history of childbirth.	12	12
	TOTAL (total - AH)	46	40

6.2.6. Student's research work:

№	The name of the topics of the student's research work	semester
1	Large obstetric syndromes	7,8
2	Anomalies of labor activity	7
3	Pregnancy and extragenital pathology	8
4	Obstetric bleeding	8

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 independent options
1.	7	Control of the development of the topic	Organization of obstetric and gynecological care for the female population	UC4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22	Test tasks	20	Unlimited (computer testing)
					Control questions	2	6
					Situational tasks	1	10
2.	7	Control of the student's independent	Organization of obstetric and gynecological care for	UC4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8,	Test tasks	20	Unlimited (computer testing)

		work	the female population	GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22	Control questions	2	6
3.	7	Control of the development of the topic	Physiological obstetrics	UC 4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22	Test tasks	20	Unlimited (computer testing)
					Control questions	2	6
					Situational tasks	1	10
4.	7	Control of the student's independent work	Physiological obstetrics	UC 4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22	Test tasks	20	Unlimited (computer testing)
					Control questions	2	6
5.	7, 8	Control of the development of the topic	Pathological obstetrics	UC 4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22	Test tasks	20	Unlimited (computer testing)
					Control questions	2	6
					Situational tasks	1	10
6.	7, 8	Control of the student's independent work	Pathological obstetrics	UC 4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22	Test tasks	20	Unlimited (computer testing)
					Control questions	2	6
7.	8	Control of the development of the topic	Operative obstetrics	UC 4, UC 7, GPC 4, GPC 5, GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22	Test tasks	20	Unlimited (computer testing)
					Control questions	2	6
					Situational tasks	1	10
8.	8	Control of the student's	Operative obstetrics	UC 4, UC 7, GPC 4, GPC 5,	Test tasks	20	Unlimited (computer

		independent work		GPC 6, GPC 8, GPC 9, PC 1, PC 5, PC 6, PC 8, PC 9, PC 12, PC 17, PC 20, PC 21, PC 22			testing)
					Control questions	2	6
9.	8	Mid-term assessment	Exam		Control questions	3	44
					Situational tasks	1	55

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 [et al.]; Savelyeva G.M. ; Shalina R.I. ; Sichinava L.G. ; Panina O.B. ; Kurtzer M.A. - Moscow : GEOTAR-Media, 2020. - 576 p. - ISBN 978-5-9704-5324-7. – Text : electronic. - URL: https://www.studentlibrary.ru/book/ISBN9785970453247.html	1	105
2	Obstetrics : textbook / A.N. Strizhakov, I.V. Ignatko, A.I. Davydov; Strizhakov A.N. ; Ignatko I.V. ; Davydov A.I. - Moscow : GEOTAR-Media, 2020. - 1072 p. - ISBN 978-5-9704-5396-4. - Text : electronic. -URL: https://www.studentlibrary.ru/book/ISBN9785970453964.html	1	1

8.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	Obstetrics : textbook / E.K. Aylamazyan; E.K. Aylamazyan - Moscow: GEOTAR-Media, 2019. - 768 p. - ISBN 978-5-9704-5168-7. - Text: electronic. URL: https://www.studentlibrary.ru/book/ISBN9785970451687.html	1	1
2	Obstetrics : a practical guide / G.M. Savelyeva, G.T. Sukhoi, V.N. Serov, V.E. Radzinsky; Savelyeva G.M. ; Sukhoi G.T. ; Serov V.N.; Radzinsky V.E. - Moscow : GEOTAR-Media, 2019. - 1080 p. - ISBN 978-5-9704-4916-5. - Text : electronic. - URL: https://www.rosmedlib.ru/book/ISBN9785970449165.html	1	1
3	Drug provision of clinical protocols. Obstetrics and gynecology : monograph / V.E. Radzinsky; V.E. Radzinsky - Moscow: GEOTAR-Media, 2019. - 288 p. - ISBN 978-5-9704-4739-0. - Text : electronic. - URL: https://www.rosmedlib.ru/book/ISBN9785970447390.html	1	1
4	Clinical anatomy of the female pelvis : textbook / I.I. Kagan, G.T. Sukhoi; Kagan I.I. ; Sukhoi G.T. - Moscow : GEOTAR-Media, 2021. - 152 p. - ISBN ISBN 978-5-9704-5931-7. - Text : electronic. - - URL: https://www.rosmedlib.ru/book/ISBN9785970459317.html	1	1

5	Pharmacotherapy during pregnancy : monograph / E.V. Shikh; E.V. Shikh - Moscow : GEOTAR-Media, 2020. - 208 p. - ISBN 978-5-9704-5573-9. - Text : electronic. - URL: https://www.rosmedlib.ru/book/ISBN9785970455739.html	1	1
6	Treatment regimens. Obstetrics and gynecology / V.N. Serov; V.N. Serov - Moscow: GEOTAR-Media, 2020. - 368 p. - ISBN 978-5-4235-0341-3. - Text : electronic. - URL: https://www.rosmedlib.ru/book/ISBN9785423503413.html	1	1
7	Order of the Ministry of Health of the Russian Federation No. 1130n dated October 20, 2020 "On approval of the Procedure for providing medical care in the profile "Obstetrics and Gynecology"	20	-
8	Federal Clinical Recommendations of the Ministry of Health of the Russian Federation 2020 "Obstetrics and Gynecology" Edited by L.V.Adamyan, V.N. Serov, G.T. Sukhoi, O.S. Filippov	20	-

8.3. List of methodological recommendations for independent work of students:

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	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 ; Publishing house of the Nizhny Novgorod State Medical Academy. – N.Novgorod : Publishing House of NizhGMA, 2015. - 104p.	5	5
2	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., ispr. And dop. – N.Novgorod : NizhGMA Publishing House, 2016. – 100p.	5	5
3	Obstetric baptisms [Electronic resource]: educational situation / L. S. Borovkova, O. I. Guseva, N. A. Egorova, S. S. Pak, S. O. Kolobova, D. S. Pershin, Nizhny Novgorod State Medical Academy; ed. by L. S. Borovkova. - Electron. Den. (1 Mb). - N.Novgorod: Nijgma Publishing House, 2015. - Access mode : http://95.79.46.206/view.php?fDocumentId=3617 .	1	1
4	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. by L. V. Borovkov. – 3rd ed. - N. Novgorod: NGMA, 2015. – 184p.	5	5
5	Family planning (electronic resource): clinical and organizational aspects: textbook/ I.A.Kamaev, S.A. Ananyev, L.V. Borovkova, S.V. Pak, E.A. Perevezentsev, A.L. Khlapov, L.S. Zagrabyan. – N.Novgorod: Publishing House of NizhGMA, 2017. - 96p. – Mode access http://nbk.pimunn.net/opac/index.php?url=/notices/index/159586/default#	1	1
6	Medical decision support systems in obstetrics: opportunities and prospects/ Altukhova O.S., Balashov I.S., Gorina K.A., Lagutin V.V., Naumov V.A., Borovikov P.I., Khodzhaeva Z.S./Obstetrics and Gynecology, No. 7. https://lib.medvestnik.ru/articles/Sistemy-podderjki-prinyatiya-vrachebnyh-reshenii-v-akusherstve-vozmoznosti-i-perspektivy.html https://dx.doi.org/10.18565/aig.2020.7.5-11	1	1
7	FIGO PE Initiative: A practical guide to screening in the first trimester	10	-

	and disease prevention (adapted version in Russian edited by Z.S. Khodzhaeva et al./ Obstetrics and Gynecology: news, opinions, training. 2019, Vol.7 No. 4 pp. 32-60		
8	This AI analyzes placentas to predict complications in the next pregnancy, 2020 https://thenextweb.com/news/this-ai-analyzes-placentas-to-predict-complications-in-the-next-pregnancy	1	1

8.4. Electronic educational resources for teaching academic subjects

8.4.1. 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

8.4.2. 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 Library" https://www.rosmedlib.ru	National guidelines, clinical guidelines, textbooks, monographs, atlases, pharmaceutical reference books, audio and video materials, ICD-10 and ATX	From any computer and mobile device using an individual login and password. Access mode: http://nbk.pimunn.net/MegaPro/Web	Not limited

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" (contract on a free basis) http://www.consultant.ru	Regulatory documents regulating the activities of medical and pharmaceutical institutions	From the computers of the scientific library. Access mode: http://www.consultant.ru/	Not limited

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
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8.4.3 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 of the discipline

9.1. The list of premises required for conducting classroom classes 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 physiological and 2nd obstetric departments
6. Examination room
7. Doctor's office of the female dispensary
8. Office of psychoprophylactic preparation for childbirth

9.2. List of equipment for classroom activities for 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. The board

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 educational organizations, with no expiration date, with the right to receive updates for 1 year.	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	283	without limitation, with the right to receive 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/HN100 30 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: 31.05.01 GENERAL MEDICINE

(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