

ЛД-21 ИН

Federal State Budgetary Educational Institution of Higher Education  
«North-Ossetia State Medical Academy»  
of the Ministry of Healthcare of the Russian Federation



**EDUCATIONAL TRAINING PROGRAM OF DISCIPLINE  
"Obstetrics and Gynecology"**

the main professional educational program of higher education - specialty program in  
the specialty 31.05.01 General Medicine, approved in May 24, 2023

Form of education Full-time

The period of development 6

Department of Obstetrics and Gynecology №1

Vladikavkaz, 2023

When developing an educational training program, the discipline is based on:

1. Federal State Educational Standard of Higher Education on specialty 31.05.01 General Medicine, approved by the Ministry of Education and Science of the Russian Federation on August 12, 2020 №988

2. Academic plan on specialty 31.05.01 General Medicine,

ЛД-21-01- 21ИИ

ЛД-21-02- 22ИИ

ЛД-21-03- 23ИИ

approved by the Scientific Council of the Federal State Budgetary Educational Institution of Higher Education «North-Ossetia State Medical Academy» of the Ministry of Healthcare of the Russian Federation “24” May 2023, Protocol № 8.

The working program of the discipline was approved at the meeting of the Department of Obstetrics and Gynecology №1 "10" May 2023, Protocol №. 8

The educational training program of the discipline was approved at a meeting of the central coordinating training and methodological council from "23" May 2023, Protocol №. 5

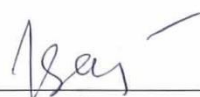
The educational training program of the discipline was approved by the Scientific Council of the State Medical University of the Federal State Budgetary Educational Institution of Higher Education «North-Ossetia State Medical Academy» of the Ministry of Healthcare of the Russian Federation from “24”May 2023, Protocol № 8.

**Developers:**

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## **Content of the work program**

1. name of the discipline;
2. the list of planned results of training in the discipline, correlated with the planned results of the development of the educational program;
3. indication of the place of the discipline in the structure of the educational program;
4. the volume of the discipline in credit units, indicating the number of academic or astronomical hours allocated for contact work of students with the teacher (by type of training sessions) and for independent work of students;
5. the content of the discipline, structured by topics (sections) with an indication of the number of academic or astronomical hours allocated to them and the types of training sessions;
6. list of educational and methodological support for independent work of students in the discipline;
7. Fund of assessment tools for intermediate evaluation of students in the discipline;
8. list of basic and additional educational literature required for the development of the discipline;
9. list of resources of the information and telecommunications network " Internet "(hereinafter - the network "Internet"), necessary for the development of the discipline;
10. guidelines for students on the development of the discipline;
11. list of information technologies used in the implementation of the educational process in the discipline, including a list of software and information reference systems (if necessary);
12. description of the material and technical base necessary for the implementation of the educational process in the discipline.
13. Conducting educational activities using e-learning and distance learning technologie

**1. The list of the planned results of training in the discipline and the results of the development of the educational program**

№ № II/ II	Number/ index of competen	Content of the discipline (or its sections)	Topic of the lesson (section)	Indicators of competence achievement	The learning outcomes of the		
					know	be able	to own
1	2	3	4	5	6	7	8
1.	OPC- 5	Ethical and deontological aspects of medical activity , moral and legal norms	O bst etr ics	ID-1 OPK -1 orga nizes prof essio nal activ ities takin g into acco unt the nor ms of prof essio nal ethic s. ID-2 OPK -1 is able to asses s the	relatio nshp "doct orpat, " doctor relativ es»; - moral and ethica l norms , rules and princi ples of profes sional medic al behav ior, the rights of the pa- patien t and	protect the civil rights of doctors and patients of various ages;	skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, conducting discussions and round tables; principles of medical deontology and medical ethics;  - skills of informing patients of different age groups and their relatives and relatives in accordance with the requirements of the rules of "informed consent»

			<p>condition s and path ologi cal proc esses in the body of a wom an to solv e obst etric and gyne colo gical prob lems .</p> <p><b>ID-3 OPK -1</b> eval uate urge nt cond ition s in obst etric and gyne colo gical and surgi cal pract ice</p>	<p>the doctor , - basic ethica l docu ments of intern ationa l and dome stic profes sional medic al associ ations and organi zation s;</p>		
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2.	PC-6	<p>readiness to collect and analyze patient complaints, medical history, examination results, laboratory, instrumental, pathologic-anatomical and other studies in order to recognize the condition or establish the presence or absence of the disease</p>	Obstetrics	<p>ID-1 PC-6 develop and implement diagnostic programs</p>	<p>basic medical instruments and their use ; - plan of examination of the patient (collection of anamnesis, os-motor, palpation, percussion, conducting various tests); - - rules for taking material for cytologic</p>	<p>fill in the patient's medical record; - examine the patient: survey, examination, palpation, percussion, auscultation; - take (collect biological, medic</p>	<p>algorithm for making a diagnosis - - work with medical equipment in compliance with their ergonomic principles, safety techniques, sanitary and epidemiological regime</p>
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					<p>al  examination;  -  requirements and  rules for  obtaining  informed  consent  of the  patient  for  diagnostic and  treatment  procedures  ;  - reading  radiographs  ;  -  etiology,  pathogenesis,  diagnosis  of the  most  common</p>	<p>al,  psychological  and  social  information).  - -  work  with  medical  equipment  in  compliance  with  ergonomic  principles,  safety  techniques,  sanitary  and  epide</p>	
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					diseases in patients of different age groups;	miological regime. - collect a complete medical history of the patient;	
3.	AC-9	Able to use basic defectological knowledge in social and professional activities	Obstetrics and gynecology	ID-1 of the Criminal Code-9 the concept of inclusive competence its components and structures features of the application of basic professional knowledge to the social and professional spheres	Knows the concepts of inclusive competence its components and structure features of the application of basic professional	Knows how to plan and implement professional activities	Possess the skills of interaction in social and professional activities, the skills of determining the patient's main pathological conditions, syndromes, symptoms in accordance with the ICD-10



					<p>           nal            knowled            ge to the            social            and            professio            nal            spheres              internati            onal            Statistica            l            Classific            ation of            Diseases            (ICD)            -            principle            s of            classifica            tion of            diseases,            basic            concepts            of            general            nosology            - clinic            of            various         </p>	<p>           on            ICD-            10            based            on            clinic            al and            additi            onal            resear            ch            meth            ods            based            on            ICD         </p>	
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					diseases		
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## 2. Place of the discipline in the structure of the educational program

The discipline "Obstetrics and gynaecology" refers to the basic part of the program of Block 1. Types of professional activities that underlie teaching this discipline:

1. medical;
2. organizational and management;
3. scientific research

## 3. Scope of the discipline

№ № п/ п	Type of work	Tot al cre dits	Total hours	Семестры				
				7	8	9	10	11
				hours	hou rs	hurs	hours	hours
1	2	3	4	5	6	7	8	9
1	<b>Contact work of students with the teacher (total), including:</b>	-	308	96	48	72	46	46
2	Lectures (L)	-	88	30	14	20	12	12
3	Clinical practical training (PZ)	-	220	66	34	52	34	34
4	Seminars (S)	-	-	-				
5	Laboratory work (LR)	-	-	-				
6	<b>Independent work of a student (SRS)</b>	-	160	48	24	36	26	26
7	<b>Type of intermediate</b>	cre dit (S)	-	-	-	-	-	-

	<b>certification</b>	Exam (E)	-	36	-	-	-	-	36
<b>8</b>	<b>TOTAL: Total labor intensity</b>	hours		504	144	72	108	72	108
		ZET	14		4	2	3	2	3

#### 4. Content of the discipline

№/ п	№ sem ester s	Name of the topic (section) of the discipline	Types of educational activities (in hours)				Forms of current monitorin g of osti's academic performa nce
			Л	ПЗ	СР С	in total	
1	2	3					8
1	7	Clinical anatomy and physiology of the female genital organs.	6	8	8	22	S, TZ, YZ
2	7	Physiology of pregnancy.	6	12	8	26	C, T3, C3, Y3
3	7	Changes in a woman's body during pregnancy	4	4	8	16	C, T3, C3, Y3
4	7	Physiology of childbirth.	6	12	8	26	C, T3, C3
5	7	Physiology of the postpartum period and the newborn period.	4	10	8	22	C, T3, C3, Y3
6	7	Adaptation period of newborns. Pathology of pregnancy.	4	20	8	32	C, T3, C3, Y3
7	8	Pathology of childbirth.	4	12	6	22	C, T3, C3
8	8	Birth trauma of the mother	4	8	6	18	C, T3, C3
9	8	Pathology of the postpartum period.	4	8	6	18	C, T3, C3
10	8	Physiology and pathology of the newborn period.	2	6	6	14	C, T3, C3
11	9	Operative obstetrics.	4	16	8	28	C, T3, C3
12	9	Inflammatory diseases of the female genital organs. Features of the course in girls.	4	8	8	20	C, T3, C3

13	9	Disorders of the menstrual cycle.	4	6	4	14	C, T3, C3
14	9	Genital cysts	2	4	4	10	C, T3, C3
15	9	Uterine fibroids.	2	6	4	12	C, T3, C3
16	9	Endometrioid heterotopias.	2	6	4	12	C, T3, C3
17	9	Precancerous and tumorous diseases of the genitals	2	6	4	12	C, T3, C3
18	10	Tumors and tumor-like formations of the ovaries.	4	10	8	22	C, T3, C3
19	10	Trophoblastic disease	4	10	8	22	C, T3, C3
20	10	Disorders of the development of the genitals.	4	8	8	20	C, T3, C3

21	11	Incorrect positions of the genitals	4	10	6	20	C, T3, C3
22	11	Infertile marriage and family planning issues.	2	10	8	20	C, T3, C3
23	11	Typical gynecological operations	4	8	6	18	C, T3, C3
24	11	Emergency conditions in gynecology.	2	6	6	14	C, T3, C3
<b>ИТОГО:</b>			88	220	160	468	

**Note: C – interview, TK-test tasks, SZ-situational tasks, UZ-training tasks**

## 5.

### List of educational and methodological support for independent work of students in the discipline

№/п	№ семестра	Name of the educational and methodological development
1	7-8	"Gestosis of pregnant women". Textbook for students of medical and pediatric faculties of medical universities L. V. Tsallagova, L. S. Popova, 2022

2	7-8	Iron-deficient conditions in pregnant women: an educational and methodological guide with the stamp of the UMO. L. V. Tsallagova, L. S. Popova. 2023
3	7-8	Guidelines for obstetrics for students 4 course of the Medical Faculty, Popova L. S., Maisuradze L. V., Kabulova I. V. 2022
4	9-10	Guidelines for gynecology for students 5 course of the Medical Faculty, I. M. Batoeva, T. S. Dzainukov, A. N. Chehova, L. N. Gagloeva 2023
5	7-8	Methodological guide for students of the 4th year of the medical faculty. Practical skills in obstetrics L. V. Tsallagova, L. S. Popova, 2023
6	9-10	Methodological guide for students of the 4th year of the medical faculty. Practical skills in gynecology L. V. Tsallagova, L.S. Popova, 2022

## 6.

**Fund of evaluation funds for conducting intermediate certification of students in the discipline**

№/п	List of competence of research institutes	№ semesters	Rating indicator (s)	Criteria (s) for evaluating the IA	Rating scale	Name of the FOS
1	2	3	4	5	6	7
1	OPC-5 PC-6	11	see evaluation standard	see evaluation standard	see evaluation standard	Exam tickets to



	AC-9		quality of education, approved. By order of FSBEI HE NOSMA MOH Russia from 10.07.2018г., №264/о	quality of education, approved. By order ofFSBEI HE NOSMA MOH Russia от 10.07.2018 г., №264/о	quality of education, approved. By order ofFSBEI HE NOSMA MOH Russia10.07.2018 г., №264/о	Test tasks; Control tasks
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## 7. List of basic and additional literature required for the development of the discipline

п/ №	Name	Author (s)	Year, place of publication	Number of instances	
				in the library	at the departmen t
1	2	3	4	5	6
<b>Basic literature</b>					
1.	Gynecology : textbook	ed. by V.E.Radzinskiy, A.M.Fuks. -	М. : GEOTAR- Media, 2020	30	
2.	Гинекология : учебник	ред. В. Е. Радзинский, А. М. Фукс :	М. : ГЭОТАР- Медиа, 2016	«Консультант студента» <a href="http://www.studmedlib.ru/book/ISBN9785970442494.html">http://www.studmedlib.ru/book/ISBN9785970442494.html</a>	
3.	Obstetrics : textbook	ed. by V.E.Radzinskiy	М. : GEOTAR- Media, 2019	50	
4.	Акушерство: учебник	ed. by V.E.Radzinskiy	М. : ГЭОТАР- Медиа, 2016	«Консультант студента» <a href="http://www.studmedlib.ru/book/ISBN9785970433768.html">http://www.studmedlib.ru/book/ISBN9785970433768.html</a>	
<b>Additional literature</b>					
1.	Obstetrics and gynecology	Beck W. W.-	Philadelphia : Harwal Publishing, 1993	1	
2.	Акушерство : учебник	Г. М. Савельева и др.	М. : ГЭОТАР- Медиа, 2020	30	
3.	Гинекология : учебник	ред. Г. М. Савельева	М. : ГЭОТАР- Медиа, 2014	51	
4.	Руководство к практическим занятиям по акушерству : учеб. пособие	ред. В.Е. Радзинский	М. : ГЭОТАР- Медиа, 2007	199	«Консультант студента» <a href="http://www.studmedlib.ru/book/ISBN9785970404416.html">http://www.studmedlib.ru/book/ISBN9785970404416.html</a>
5.	Руководство к практическим занятиям по гинекологии : учеб. пособие	ред. В.Е. Радзинский	М. : ГЭОТАР- Медиа, 2007	206	«Консультант студента» <a href="http://www.studmedlib.ru/book/ISBN9785970404423.html">http://www.studmedlib.ru/book/ISBN9785970404423.html</a>

СОГЛАСОВАНО  
Зав. библиотекой

*Людмила В. Логина*

The entire volume of the discipline is 14 credits. The main educational time is allocated for practical work on the study of the physiology of the female body, the physiology and pathology of the birth process, the diagnosis of female morbidity and methods of treatment of gynecological diseases. When studying the discipline, it is necessary to use the main and additional recommended literature and master practical skills in obstetrics and gynecology.

Practical classes are conducted in the form of answers to tests, oral interviews, demonstrations of pregnant and gynecological patients in the departments of the maternity hospital and gynecological hospital, presence during delivery in the delivery room and operating room and operating rooms and examination room of the gynecological department. During the clinical analysis, data from laboratory tests, ultrasound images, CTG records are used, and at the end of the analysis of the topic, the solution of situational problems is carried out.

In accordance with the requirements of the Federal State Educational Standard, active and interactive forms of conducting classes (videos, situational tasks, independent extracurricular work) are widely used in the educational process. The share of classes held in interactive forms is at least 20% of the classroom classes.

Independent work of students involves preparing the formation of a systematic approach to the analysis of the clinical situation, including the study of additional literature. Work with educational literature is considered as a type of educational work in the discipline of forensic medicine and is performed within the hours allotted for its study (in the section SRS).

Each student is provided with access to the library collections of the Academy and the department.

The student's work in the group creates a sense of collectivism and sociability.

**List of information technologies used in the implementation of the educational process in the discipline**

Semester	Type of occupation L, PR, S	Educational technologies used (active, interactive)	Number of hours	% of classes in an interactive form	List of software
7-8 9-10	L	Set of thematic presentations according to the number of lectures delivered	94		Microsoft Office PowerPoint; Internet Explorer
7-8 9-10	PZ	A set of questions and tasks for a practical task, a set of situational tasks for the PO, a set of case histories for analyzing clinical cases.	218	20	Microsoft Office
11	S	Questions and tasks for independent work	156		Microsoft Office Internet

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**Description of the material and technical base necessary for the implementation of the educational process in the discipline**

**As a material and technical base of the department, there are:**

**Maternity Hospital No. 2, Maternity Hospital No. 1, department of gynecology of the clinic**

**NOSMA, gynecological department of KBSP.**

**The total area of the training is 430 sq. m.: study rooms-200 sq. m., 2 professor's offices-60 sq. m., assistant-40, laboratory, lecture halls and auditoriums-100 sq. m., laboratory-20 sq. m., storage room-10 sq. m.**

<b>№/п</b>	<b>Name of equipment</b>	<b>Quantity</b>	<b>Technical condition</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>special equipment</b>			
1.	Computer	2	good
2.	A laptop	2	good
3.	Projector	1	good
4.	Copy equipment	2	good 2; need to be replaced
<b>tables</b>			
5.	Thematic tables	40	need to be replaced
<b>Dummies</b>			
6.	Female pelvis, midwifery doll, female phantom.	10	need to be replaced

## 11. Conducting educational activities using e-learning and distance learning technologies

In the context of the introduction of restrictive measures (quarantine) associated with an unfavorable epidemiological situation, the threat of the spread of a new coronavirus infection and other force majeure events that do not allow conducting training sessions in full-time, it is possible to study this discipline or part of it using e-learning and distance educational technologies.

Teaching the discipline in the above situations will be carried out through the development of an electronic course with access to video lectures and interactive course materials: presentations, articles, additional materials, tests and various tasks. When conducting training sessions, current monitoring of academic performance, as well as intermediate certification of students, the academy's electronic information and educational environment platforms and/or other e-learning systems recommended for use in the academy, such as Moodle, Zoom, Webinar, etc., can be used.

Lectures can be presented in the form of audio, video files, "live lectures" , etc.

Seminars and practical classes can be held on-line in both synchronous and asynchronous modes. Seminars can be held in the form of web conferences.