

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 THE PRACTICE**

**«Practice of diagnostic profile. Practice of obstetrics and gynecology profile.»**

of the main educational program of higher education – specialty program in the specialty  
31.05.01 General Medicine, approved in 25.12.2020

The form of education is full-time

The period of development in 6 years

Department of Obstetrics and Gynecology No 1

Vladikavkaz, 2021

When developing the educational training program of the discipline is based on:

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

2. Academic plan on specialty 31.05.01 General Medicine,  
(ЛД-21-01-21 ИИ), 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 Russian Federation December 25, 2020, protocol No. 3

The educational training program of the discipline was approved at a meeting of the Department of Internal Medicine from December 3, 2020, protocol No. 5

The educational training program of the discipline was approved at a meeting of the central coordinating training and methodological council from December 4, 2020, protocol No. 2.

The educational training program of the discipline is approved by the Scientific Council of the FSBEI HE «North-Ossetia State Medical Academy» of the Ministry of Healthcare of the Russian Federation December 25, 2020, protocol No. 3

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## **Content of the practice program**

1. indication of the type of practice, method and form of its implementation;
2. the list of the planned results of training during the internship, correlated with the planned results of the development of the educational program;
3. indication of the place of practice in the structure of the educational program;
4. indication of the amount of practice in credits and its duration in weeks or in academic or astronomical hours;
5. content of the practice;
6. indication of practice reporting forms;
7. the fund of evaluation funds for conducting intermediate certification of students in practice;
8. list of educational literature and Internet resources required for practical training;
9. list of information technologies used in the practice, including a list of software and information reference systems (if necessary);
10. description of the material and technical base necessary for the practice.

**1. Indication of the type of practice, method and form (forms) of its implementation**

Practice type - clinical practice.

The practice is carried out in a stationary manner.

Carrying out form - continuous

As a physician assistant, the student acquires the skills of working in the departments of therapy, surgery and the maternity hospital.

**2. A list of planned learning outcomes during internship, correlated with the planned results of mastering the educational program**

№ №	Competence number / index	The content of the practice (or its section)	Development results		
			know	be able	own
1	2	3	4	5	6
1	GPC-6	Readiness to maintain medical records	<p>maintaining a typical accounting</p> <p>reporting medical documentation in medical organizations implementation expertise work capacity. rules and registration dispensary card pregnant, history childbirth,</p>	<p>conduct medical documentation of various character in stationary institutions fill in the main sections dispensary pregnant card birth history, complaints given</p> <p>medical history, life history, physical examination of the patient, diaries records, epicrisis; highlight groups risk on</p>	<p>methods</p> <p>medical accounting and reporting documentation algorithm registration dispensary cards pregnant birth history, arrange</p> <p>academic history of illness or childbirth according to the writing plan</p> <p>medical history or childbirth</p>

				during pregnancy, childbirth and postpartum period	
	GPC-8		classification and main characteristics of medicinal funds, pharmacodynamics and pharmacokinetics, indications and contraindications for use medicines, side effects; -clinical-pharmacological characterize the main groups of medicinal drugs and rational selection of specific medicines for treatment of key pathological syndromes diseases and urgent states.	write prescriptions for medicines for certain diseases and pathological processes, based on the characteristics of their pharmacodynamics and pharmacokinetics; - to substantiate the need for clinical and immunological examination of the patient, to analyze the action of drugs in terms of the totality of their pharmacological properties and the possibility of their use for therapeutic treatment.	prescribing medicines for the treatment, rehabilitation and prevention of various diseases and pathological processes.

2	GPC-9	Assessment ability morphofunctional, physiological conditions and pathological processes in the human body for solving professional problems	<p>functional systems of the body, their regulation and self-regulation when exposed to the external environment in normal and pathological processes.</p> <p>appraisal morphofunctional, physiological conditions and pathological processes in the human body, signs of manifestation of environmental factors on the human body</p>	<p>substantiate the nature of the pathological process and its clinical manifestations, the principles of pathogenetic therapy of the most common diseases.</p> <p>Evaluate morphological and physiological criteria of external influences when providing medical assistance to the victims</p>	<p>assessment of the health status of various age and sex groups.</p> <p>methods of establishing mechanisms injuries or causes of painful changes in cases of external</p>
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					human impacts
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	<b>PC- 5</b>	<p>the readiness to collect and analyze the patient's complaints, data from his anamnesis, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize condition or establishment of the presence or absence of a disease</p>	<p>the clinical picture, features of the course and possible complications of the most common diseases occurring in a typical form in the adult population;          -modern methods of clinical, laboratory and instrumental diagnostics of diseases of a therapeutic profile in the adult population; general principles and features of diagnostics.</p> <p>physiological changes in the body of a pregnant woman; fertilization, development of the embryo and placenta; options for the position of the fetus; the structure and size of the bone pelvis, anatomy and topography of the female genital organs; the structure and size of the head of a full-term fetus, the position of the fetal head in relation to the planes of the small pelvis; the pathophysiology of the development of critical conditions in obstetrics.</p>	<p>palpate the main bony landmarks on a person, outline the topographic contours of organs and the main vascular and nerve trunks;          -analyze the results of X-ray examination;          -interpret the results of the most common methods of functional diagnostics used to identify pathological processes in organs and systems;          - to take anamnesis, to conduct a physical examination of the patient (examination, palpation, auscultation, measurement of blood pressure, determination of the characteristics of the pulse, respiratory rate); send for laboratory and instrumental examination and consultation with specialists.</p> <p>collect a general and special anamnesis, conduct general and special obstetric examination; set a deadline pregnancy, determine</p>	<p>methods of general clinical examination;          -interpretation of the results of laboratory, instrumental diagnostic methods</p> <p>writing skills          medical card          outpatient and inpatient, medical records; providing urgent assistance in obstetrics.</p>
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				the estimated weight of the fetus, the position of the fetus in the uterus, the nature of presentation; identify symptoms of critical conditions in obstetrics.	
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	<b>PC-6</b>	<p>the ability to determine the patient's main pathological conditions, symptoms, disease syndromes, nosological forms in accordance with the International Statistical Classification of Diseases and Problems, health-related, X revision</p>	<p>- concepts of etiology, pathogenesis, morphogenesis, pathomorphosis of the disease, principles of classification of diseases; basic concepts of general nosology.</p> <p>international statistical classification of diseases and health problems - ICD-X. The main symptoms and syndromes of diseases in obstetrics and their combinations for various nosological forms; modern classifications of obstetric pathology; criteria for the diagnosis of obstetric pathology; rules for the preparation of preliminary and clinical diagnoses of obstetric pathology.</p>	<p>interpret the results of the examination, make a preliminary diagnosis, outline the volume of additional studies to clarify the diagnosis, formulate a clinical diagnosis; develop a treatment plan taking into account the course of the disease, select and prescribe drug therapy, use non-drug treatment methods, carry out rehabilitation measures.</p> <p>highlight the main symptoms and syndromes</p>	<p>an algorithm for setting a preliminary diagnosis with subsequent referral for additional examination and to specialist doctors; algorithm for setting a detailed clinical</p> <p>assessment of symptoms and syndromes of the clinical picture of major diseases and obstetric pathology when working with a patient; algorithm for setting preliminary o and clinical diagnoses in</p>
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				<p>clinical picture of diseases and obstetric pathology when solving situational problems, analyzing clinical situations; formulate a preliminary diagnosis and clinical diagnosis for the most common diseases and obstetric pathology during the analysis clinical situations</p>	<p>main obstetric pathology when working with a patient</p>
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	<b>PC-8</b>	<p>the ability to determine the tactics of managing patients with various nosological and forms;</p>	<p>fundamentals of the legislation of the Russian Federation on the protection of public health, basic regulatory and technical documents;</p> <ul style="list-style-type: none"> <li>- maintenance of standard accounting and reporting medical documentation in medical organizations;</li> <li>- methods of treatment and indications for their use, contraindications to their appointment, especially their implementation.</li> </ul> <p>management of pregnant women with various</p>	<p>formulate indications for the chosen method of treatment, taking into account etiotropic and pathogenetic agents, justify pharmacotherapy in a particular patient with major pathological syndromes and urgent conditions, determine the route of administration, mode and</p>	<p>правильным ведением медицинской документации;</p> <p>- основными врачебными диагностическим и и лечебными мероприятиями по оказанию первой и врачебной помощи при неотложных и угрожающих жизни состояниях.</p>
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			<p>nosological forms of obstetric pathology.</p>	<p>the dose of drugs, to assess the effectiveness and safety of the treatment.</p> <p>diagnose the clinical picture and identify the features of the course of pregnancy and possible complications against the background of the most common diseases that occur in a typical form in different age groups; using methods of direct research of pregnant women. modern methods of clinical, laboratory, instrumental examination of women (including endoscopic, radiological methods, ultrasound diagnostics);</p>	<p>algorithm of pregnancy management in normal and complicated course.</p>
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	<b>PC-9</b>	<p>readiness to manage and treat patients with various nosological and forms on an outpatient basis and in a day hospital;</p>	<p>-etiology, pathogenesis, diagnosis, treatment and prevention of the most common diseases;          -principles and methods of first aid in case of emergency;          -clinical and pharmacological characteristics of the main groups of drugs and rational choice of specific drugs in the treatment of major pathological syndromes of diseases and emergency conditions.</p> <p>management and treatment of patients with various nosological forms on an outpatient basis and in a day hospital</p>	<p>interpret the results of the examination, make a preliminary diagnosis, outline the amount of additional studies to clarify the diagnosis; formulate a clinical diagnosis; develop a treatment plan taking into account the course of the disease, select and prescribe drug therapy, use non-drug methods</p> <p>prescribe etiological, pathogenetic and post-syndromic therapy for inflammatory and non-inflammatory diseases of the female genital organs; prescribe drug therapy during pregnancy (hypertensive</p>	<p>prescribing medicines for treatment, rehabilitation and prevention of various diseases and pathological processes;          -methods of conducting medical accounting and reporting documentation; execution algorithm basic medical diagnostic and therapeutic measures for the provision of first aid for urgent and life-threatening states.</p> <p>the basic principles of management and treatment of patients with various nosological forms of obstetric pathology on an outpatient and daytime basis hospital</p>
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				disorders, FPN, miscarriage, fetal hypoxia, fetal growth retardation); choose a method of contraception to determine the indications for planned hospitalization patients	
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### 3. Indication of the place of practice in the structure of the educational program

Industrial practice for obtaining professional skills and professional experience as a doctor's assistant belongs to the basic part of Block 2.

Federal State Educational Standard of Higher Education in the specialty "General Medicine".

### 4. Indication of the amount of practice in credit units and its duration in weeks or in academic or astronomical hours

№ № п/п	Type of work	Total credits	Total weeks / hours	Semesters
				8 semester
				hours
1	2	3	4	5
1	Contact work of students with the teacher (total), including: ZET	2	72	72
2	Student independent work (IWS)	1	36	36
3	Type of intermediate certification	offset (3)		
		exam (E)		
4	TOTAL: Total labor intensity of	hours		
		3ET	3	108
			108	108

### 5. Content of the practice

№/п	№ of the semester	Name of the practice section	Total hours
1	2	3	2
1	8	Preparatory stage, including safety instruction	2
2	8	Work in the emergency room	6
3	8	Work in the department of pregnancy pathology	26
4	8	Work in the delivery room	26
5	8	Work in the postpartum ward	2
6	8	Work in the neonatal ward	2
7	8	Preparatory stage, including safety instructions	2
8	8	Work in the emergency department	15
9	8	Work in the therapeutic department: - pulmonology - cardiology - gastroenterology - nephrology - hematology	25
10	8	Preparation of the practice report. Certification.	4

11	8	Students ' mastering of methods of prevention of surgical diseases, as well as prevention of complications in the clinic. Students ' mastering of diagnostic methods in the examination of patients with surgical pathology. Familiarization of students with the organization of the operation of the dressing room. Students master the methods of conservative and surgical treatment, methods of prevention of complications in the treatment, as well as rehabilitation of patients with surgical diseases.	4
12	8	Work in dressing rooms. Assistance in operations	2
13	8	Acute appendicitis	2
14	8	Acute cholecystitis	2
15	8	Acute intestinal obstruction	2
16	8	Acute pancreatitis	2
17	8	Gastrointestinal bleeding	2
18	8	Perforated gastric ulcer and 12 p. c	2
19	8	Hernia infringement	2
20	8	Acute peritonitis	2
21	8	Purulent-inflammatory diseases	2
22	8	Preparation of the practice report. Certification	2
<b>TOTAL:</b>			<b>108</b>

6. . Indication of practice reporting forms  
 "Diary of industrial practice",  
 "Student's report on industrial practice".  
 "Report of the head of the production practice".

**7. The fund of evaluation funds for conducting intermediate certification of students in practice**

№/п	List of competencies	№ Semester	Assessment indicators	Assessment criteria	Assessment scale	Name of the FE
1	2	3	4	5	6	7

1	GPC-6 GPC-8 GPC-9 PC-5 PC-6 PC-8 PC-9	8	see the standard for assessing the quality of education, approved. By order of the FGBOU VO SOGMA Ministry of Health of the Russian Federation from 10.07.2018r., №264/o	see the standard for assessing the quality of education, approved. By order of the FGBOU VO SOGMA Ministry of Health of the Russian Federation from 10.07.2018r., №264/o	see the standard for assessing the quality of education, approved. By order of the FGBOU VO SOGMA Ministry of Health of the Russian Federation from 10.07.2018r., №264/o	Exam tickets for the exam, Control tasks
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## 7. List of basic and additional literature required for the development of the discipline

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

*Ольга В. Логина*

**9. The list of information technologies used in the practice, including the list of software and information reference systems (if necessary)**

1. «Консультант студента» <http://www.studmedlib.ru/ru/doc/ISBN9785970427729-0007.html>

**10. Description of the material and technical base required for the practice**

<b>№/ п</b>	<b>Equipment identification</b>	<b>Quantity</b>	<b>Technical condition</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Special equipment</b>			
4.	Computer	4	The condition is satisfactory
5.	Laptop	2	The condition is satisfactory
6.	Projector	1	The condition is satisfactory
7.	Kocher clamp	2	The condition is satisfactory
8.	Mikulich clamp	1	The condition is satisfactory
9.	Folkmann spoon	5	The condition is satisfactory
10.	Farabef hooks	1	The condition is satisfactory
11.	Hepatic mirror	1	The condition is satisfactory
12.	Segal Hooks	1	The condition is satisfactory

13.	Clamps Alice	1	The condition is satisfactory
14.	Needle holder	2	The condition is satisfactory
15.	Scalpel	3	The condition is satisfactory
16.	Copier technology	2	The condition is satisfactory
<b>Phantoms, Dummies</b>			
17.	«Prompt» simulation;	1	The condition is satisfactory
18.	Mama «Natali»	2	The condition is satisfactory
19.	Injection Demonstration Tutorial Model		The condition is satisfactory
20.	Suture training leg		The condition is satisfactory
21.	Super skeleton SAM, 5-arm roller rack		The condition is satisfactory
22.	Teaching Demonstration Model - Femoral Peroneal Anastomosis Trainer		The condition is satisfactory
23.	Carotid Artery Andacterectomy Demonstration Model		The condition is satisfactory
24.	CPR training model with electronic monitoring device		The condition is satisfactory
25.	Basic training laparoscopic simulator		The condition is satisfactory
26.	Criminal Injury and Injury Training Kit		The condition is satisfactory
27.	Bowel Training Kit for Anastomosis Demonstration		The condition is satisfactory
28.	Skin Model Training Kit Demonstration of Local Anesthesia Techniques		The condition is satisfactory
29.	Suture Demonstration Training Kit		The condition is satisfactory
30.	Set of dummy uterus "myomatous"	1	The condition is satisfactory
31.	Set of dummy cervix with various	1	The condition is satisfactory