

№ЛД-21-ИИ

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

APPROVED

Rector FSBEI HE NOSMA of the Ministry
of Health of Russia



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«24» May 2023

EDUCATIONAL TRAINING PROGRAM OF DISCIPLINE
«PEDIATRICS»

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 mastering 6

Department of Childhood diseases №2

Vladikavkaz, 2023

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

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

Academic plan on specialty 31.05.01 General Medicine,
ЛД-21-01-21 ИИ,
ЛД-21-02-22 ИИ,
ЛД-21-03-23 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 the Russian Federation May 24, 2023, Protocol №8.

The educational training program of the discipline was approved at a meeting of the Department of Childhood diseases №2 May 17, 2023, Protocol №10

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

The educational training program of the discipline was approved by the Scientific Council of the FSBI HE NOSMA MOH Russia from May 24, 2023, Protocol №8

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Contents of the working program

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2. List of discipline planned results of training, correlated with the planned results of the educational program mastering.
3. Indication of the place of the discipline in the structure of the educational program.
4. Scope of discipline in credit units, indicating the number of academic or astronomical hours allocated to the contact work of students with the teacher (by types of training sessions) and to the independent work of students.
5. Content of the discipline, structured according to topics (sections) with indication of the number of academic or astronomical hours and types of classes devoted to them.
6. List of educational and methodological support for independent work of students in discipline.
7. Fund of evaluation resources for the intermediate certification of trainees in discipline.
8. List of basic and additional educational literature necessary for mastering the discipline.
9. List of resources of the information and telecommunication network "Internet" (hereinafter – the "Internet" network), which are necessary for mastering the discipline.
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1. Name of discipline – Pediatrics.

2. List of discipline planned results of training, correlated with the planned results of the educational program mastering.

№	Number/ index of competence	Competence content	Contents of the lessons, the topic of the lesson	Indicators of competence achieving	The results of the mastering		
					know	be able to	master
1	2	3	4	5	6	7	8
1.	UC-1	Able to carry out a critical analysis of problem situations based on a systematic approach, strategize.	1. Anatomical and physiological features of the child's body. 2. Pathology of young children. 3. Pathology of older children. 4. Infectious diseases in children.	ICA-1 UC-1 ICA identifies problem situations and searches for the necessary information to solve problems in the professional field. ICA-2 UC-1 Forms value judgments in the professional field ICA-3 UC-1 Conducts a critical analysis of information using the historical method	<ul style="list-style-type: none"> • methods of collecting information about the patient; • methods of comparative analysis of the information obtained to select the optimal solution; 	<ul style="list-style-type: none"> • be able to assess the state of organs and organ systems, as well as the patient as a whole, • Identify problem situations; • analyze the reasons, predict possible consequences • choose the optimal solution strategy in non-standard situations 	<ul style="list-style-type: none"> • information acquisition skills; • skills analysis of the received medical information; • skills of developing a strategy of action in problem situations
2.	UC-4	Able to use modern communication technologies, including in foreign language(s), for academic and professional interaction	1. Anatomical and physiological features of the child's body 2. Pathology of young children. 3. Pathology of older children.	ICA-1 UC-4 Uses verbal and non-verbal communication tools and selects the most effective ones for academic and professional interaction. ICA-2 UC-4	communication in the process of professional interaction;	interaction in the most rational form in compliance with ethical standards.	<ul style="list-style-type: none"> • medical terminology; • culture of speech; • communication skills in the means of electronic communication;

			4. Infectious diseases in children.	Observes generally accepted norms of communication and expression of one's opinion (judgment), incl. in discussion, dialogue, etc. ICA-3 UC-4 Carries out communication in a foreign language in the process of academic and professional interaction, uses medical terminology, including in foreign language (s) ICA-4 UC-4 Uses modern information and communication tools and technologies.			foreign languages for professional interaction.
3.	UC-11	Able to form intolerant attitudes towards corrupt behavior.	1. Anatomical and physiological features of the child's body 2. Pathology of young children. 3. Pathology of older children. 4. Infectious diseases in children.	ICA-1 UC-11 familiar with the current legal norms ensuring the fight against corruption in various areas of life; with ways to prevent corruption and form an intolerant attitude towards it ICA-2 UC-11 prevents corruption risks in professional activities; excludes interference in their professional activities	<ul style="list-style-type: none"> • the rights and obligations of a doctor when working with children; • basic rules of law for the prevention of corruption. 	<ul style="list-style-type: none"> • prevent the development of a situation conducive to corruption; 	

				in cases of inclinations to corruption offenses ICA-3 UC-11 interacts in society based on an intolerant attitude towards corruption			
4.	GPC-1	Able to implement moral and legal norms, ethical and deontological principles in professional activities.	1. Anatomical and physiological features of the child's body. 2. Pathology of young children. 3. Pathology of older children. 4. Infectious diseases in children.	ICA-1 GPC-1 Complies with moral and legal standards in professional activities. ICA-2 GPC-1 Expresses professional information in the process of intercultural interaction, observing the principles of ethics and deontology.	<ul style="list-style-type: none"> • basic requirements for organizing a doctor's work with children • basic rules of ethics and deontology 	<ul style="list-style-type: none"> • build working relationships with colleagues in compliance with the rules of collegiality; • work with confidential information • comply with the rules of medical ethics and deontology when communicating with patients and colleagues 	<ul style="list-style-type: none"> • skills of communication with patients and colleagues in compliance with moral and ethical standards of behavior.
5.	GPC-2	Able to carry out and monitor the effectiveness of measures for prevention, the formation of a healthy lifestyle and health education of the population.	1. Anatomical and physiological features of the child's body. 2. Pathology of young children. 3. Pathology of older children. 4. Infectious diseases in children.	ICA-1 GPC-2 Analyzes the awareness of the population about healthy lifestyles and medical literacy. ICA-2 GPC-2 Develops a plan of organizational and methodological measures aimed at raising awareness of	<ul style="list-style-type: none"> • the main preventive measures for the formation of a healthy lifestyle; • basic methods of sanitary and educational work on the site 	<ul style="list-style-type: none"> • draw up an action plan for the prevention of infectious and somatic diseases 	<ul style="list-style-type: none"> • methods of health education

				<p>the population about a healthy lifestyle, its literacy in the prevention of somatic and infectious diseases</p> <p>ICA-3 GPC-2</p> <p>Develops an oral presentation or printed text that promotes healthy lifestyles and increases the literacy of the population in the prevention of disease.</p>			
6.	GPC-4	Able to use medical devices provided for by the procedure for the provision of medical care, as well as conduct examinations of the patient in order to establish a diagnosis	<p>1. Anatomical and physiological features of the child's body</p> <p>2. Pathology of young children</p> <p>3. Pathology of older children</p> <p>4. Infectious diseases in children.</p>	<p>ICA-1 GPC-4</p> <p>Is able to draw up a plan of laboratory and instrumental diagnostics</p> <p>ICA-2 GPC-4.</p> <p>Owns the algorithm for the clinical examination of the patient.</p> <p>ICA-3 GPC-4</p> <p>Own the algorithm for the use of medical devices, provided for by the procedure for the provision of medical care.</p>	<ul style="list-style-type: none"> • the main methods of examining children with various pathologies; • norms of physiological indicators in children of different age groups; • rules for the use of medical devices for the provision of medical care. 	<ul style="list-style-type: none"> • draw up a plan for examining children with various pathologies; • interpret the data obtained in the course of clinical, laboratory, instrumental examination of the patient; • apply medical products for the provision of medical care. 	<ul style="list-style-type: none"> • skills in the use of medical devices for the provision of medical care to children
7.	GPC-5	Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	<p>1. Anatomical and physiological features of the child's body.</p> <p>2. Pathology of young children.</p>	<p>ICA-1 GPC-5</p> <p>He is proficient in the algorithm of clinical, laboratory and functional diagnostics in solving professional</p>	<ul style="list-style-type: none"> • anatomical and physiological characteristics of children of different ages; • the main symptoms 	<ul style="list-style-type: none"> • evaluate the results of clinical and laboratory and instrumental research methods; • carry out 	<ul style="list-style-type: none"> • an algorithm for evaluating the state of organs of systems in children.

			<p>3. Pathology of older children. 4. Infectious diseases in children.</p>	<p>problems. ICA-2 GPC-5 Evaluates the results of clinical, laboratory and functional diagnostics in solving professional problems. ICA-3 GPC-5 Determines morphofunctional, physiological conditions and pathological processes of the human body.</p>	<p>and syndromes in the clinic of the most common diseases in children;</p>	<p>differential diagnostics between norm and pathology; • detect symptoms and syndromes of major diseases in children</p>	
8.	GPC-7	<p>Able to prescribe treatment and monitor its effectiveness and safety</p>	<p>1. Anatomical and physiological features of the child's body. 2. Pathology of young children. 3. Pathology of older children. 4. Infectious diseases in children.</p>	<p>ICA-1 GPC-7 Conducts effective, safe therapy based on clinical guidelines of the Ministry of Health of Russia</p>	<p>• pharmacodynamics and pharmacokinetics of the most commonly used medicines in pediatrics, • indications and contraindications for their appointment; • indications and contraindications for the appointment of non-drug therapy in children; • indicators of the effectiveness of therapy in children</p>	<p>• draw up a treatment plan for a child based on the clinical recommendations of the Ministry of Health of the Russian Federation, taking into account possible contraindications for the patient; • calculate the dose of drugs; • take into account the possibility of combining different means of therapy when treating a sick child;</p>	<p>• an algorithm for organizing therapy for a sick child in a polyclinic and evaluating its effectiveness</p>

						<ul style="list-style-type: none"> • evaluate the effectiveness of the treatment received by the child; 	
9.	PC-1	Providing medical care to a patient in urgent or urgent forms	<ol style="list-style-type: none"> 1. Anatomical and physiological features of the child's body. 2. Pathology of young children. 3. Pathology of older children. 4. Infectious diseases in children. 	<p>ICA-1 PC-1 Identifies clinical signs of conditions requiring emergency medical care</p> <p>ICA-2 PC-1 Carries out measures for the provision of medical care in an emergency form</p> <p>ICA-3 PC-1 Identifies conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and respiration</p> <p>ICA-4 PC-1 Performs basic cardiopulmonary resuscitation measures in combination with electrical impulse therapy (defibrillation)</p>	<ul style="list-style-type: none"> • anatomical and physiological features of the child's body, predisposing to the development of urgent and emergency conditions in children; • clinical manifestations of the main urgent and emergency conditions in children • pharmacodynamics and pharmacokinetics of drugs used in emergency and emergency therapy in children; • algorithm for the provision of urgent and emergency care in children. 	<ul style="list-style-type: none"> • Provide assistance to children in the development of urgent and emergency situations 	<ul style="list-style-type: none"> • skills of examination and collection of information in the development of an urgent and emergency condition in children; • skills of subcutaneous, intramuscular, intravenous injection • cardiopulmonary resuscitation skills
10.	PC-2	Able to examine children in order to establish a diagnosis	<ol style="list-style-type: none"> 1. Anatomical and physiological features of the child's body. 2. Pathology of young children. 3. Pathology of older children. 	<p>ICA-1 PC-2 Collects complaints, anamnesis of life and illness of the patient and analyzes the information received</p> <p>ICA-2 PC-2 Conducts a complete</p>	<ul style="list-style-type: none"> • anatomical and physiological characteristics of children of different ages; • etiology, pathogenesis, diagnosis, the most 	<ul style="list-style-type: none"> • collect anamnesis; conduct a survey of the child and adolescent, his relatives; • conduct a physical 	<ul style="list-style-type: none"> • method of collection and assessment of anamnesis. • methods of general clinical examination of children and

			<p>4. Infectious diseases in children.</p>	<p>physical examination of the patient (examination, palpation, percussion, auscultation) and interprets its results ICA-3 PC-2 Substantiates the need and scope of laboratory examination of the patient ICA-4 PC-2 Substantiates the necessity and scope of instrumental examination of the patient ICA-5 PC-2 Substantiates the need to refer the patient for consultations to specialist doctors ICA-6 PC-2 Analyzes the results of the patient's examination, if necessary, justifies and plans the volume of additional studies ICA-7 PC-2 Interprets the results of collecting information about the patient's illness ICA-8 PC-2 Interprets data obtained during laboratory examination of a patient</p>	<p>common diseases among the child population; • the main pathomorphological processes in the most common diseases occurring in a typical form in children; • clinical picture, features • course and possible complications of the most common diseases occurring in a typical form in children and adolescents; • modern methods of clinical and instrumental diagnostics of sick children and adolescents; • general principles and peculiarities of diagnostics of hereditary diseases and congenital anomalies;</p>	<p>examination of a patient of different ages; • highlight the leading symptoms and syndromes that determine the severity of the child's condition; • send children and adolescents to laboratory-no-instrumental • examination for consultation with specialists; interpret the research results • make a diagnosis according to the modern ICD</p>	<p>adolescents; • skills of preparing a child for paraclinical research; • the skills of interpreting the results of laboratory, instrumental diagnostic methods in children and adolescents;</p>
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			<p>ICA-9 PC-2 Interprets data obtained during instrumental examination of a patient</p> <p>ICA-10 PC-2 Interprets the data obtained in consultation with the patient by specialist doctors</p> <p>ICA-11 PC-2 Carries out early diagnosis of diseases of internal organs</p> <p>ICA-12 PC-2 Conducts differential diagnostics of diseases of internal organs from other diseases</p> <p>ICA-13 PC-2 Determines the order of the volume, content and sequence of diagnostic measures</p> <p>ICA-14 PC-2 Determines medical indications for the provision of ambulance, including specialized ambulance, medical care</p> <p>ICA-15 PC-2 Applies medical devices in accordance with the current procedures for the provision of medical care, clinical recommendations</p>			
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				(treatment protocols) for the provision of medical care, care, taking into account the standards of medical care			
11.	PC-3	Prescribing treatment and monitoring its effectiveness and safety	1. Pathology of young children. 2. Pathology of older children. 3. Infectious diseases in children.	<p>ICA-1 PC-3 Draws up a plan for the treatment of the disease and the patient's condition, taking into account the diagnosis, the patient's age, the clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>ICA-2 PC-3 Prescribes drugs, medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical</p>	<ul style="list-style-type: none"> • clinical and pharmacological characteristics of the main groups of drugs and the rational choice of specific drugs in the treatment of major diseases in sick children and adolescents; • pharmacokinetics and pharmacodynamics of essential drugs; • indications and contraindications for their appointment • indications for hospitalization of a sick child 	<ul style="list-style-type: none"> • draw up a treatment plan for a child in a polyclinic in accordance with the current clinical guidelines of the Ministry of Health of the Russian Federation; • calculate the dose of the drug; • evaluate the effectiveness of the treatment; • write a prescription for essential medicines 	<ul style="list-style-type: none"> • the methodology for carrying out standard medical procedures; • interpretation of the results of laboratory, instrumental diagnostic methods in children and adolescents;

				<p>recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>ICA-3 PC-3 Prescribes non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>ICA-4 PC-3 Evaluates the effectiveness and safety of the use of drugs, medical devices and medical nutrition</p>			
12.	PC-5	Conducting and monitoring the effectiveness of measures for the prevention and formation of a healthy lifestyle and sanitary and hygienic education of the population	<ol style="list-style-type: none"> 1. Anatomical and physiological features of the child's body. 2. Pathology of young children. 3. Pathology of older children. 4. Infectious 	<p>ICA-1 PC-5 Conducts medical examinations taking into account age, health status, in accordance with applicable regulatory legal acts and other documents</p> <p>ICA-2 PC-5</p>	<ul style="list-style-type: none"> • principles for the implementation of specific and non-specific prevention of infectious diseases in children and adolescents; • rules for organizing anti-epidemic 	<ul style="list-style-type: none"> • calculate and correct the nutrition of children different ages and health groups; • make a vaccination plan for the child; 	<ul style="list-style-type: none"> • methods of carrying out preventive measures among children and adolescents, as well as their parents

			<p>diseases in children.</p> <p>Organizes and carries out immunization of infectious diseases in the population in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>ICA-5 PC-5 Prescribes preventive measures to patients, taking into account risk factors for the prevention and early detection of diseases, including socially significant diseases</p> <p>ICA-6 PC-5 Determines medical indications for the introduction of restrictive measures (quarantine) and indications for referral to a specialist doctor</p> <p>ICA-7 PC-5 Conduct sanitary and anti-epidemic measures in the event of a focus of infection</p> <p>ICA-8 PC-5 Develops and</p>	<p>measures in the focus of quarantine infection;</p> <ul style="list-style-type: none"> • the basics of preventive medicine aimed at strengthening the health of the child population and adolescents 	<ul style="list-style-type: none"> • organize anti-epidemic measures in the focus of infection; • carry out sanitary and educational work on healthy lifestyles among children, adolescents and their parents. 	
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				implements programs for the formation of a healthy lifestyle, including programs for reducing alcohol and tobacco consumption, preventing and combating non-medical use of narcotic drugs and psychotropic substances			
13.	PC-6	Maintaining medical records and organizing the activities of the nursing staff at the disposal	<ol style="list-style-type: none"> 1. Anatomical and physiological features of the child's body. 2. Pathology of young children. 3. Pathology of older children. 4. Infectious diseases in children. 	<p>ICA-3 PC-6 Works with patients' personal data and medical secrets</p> <p>ICA-4 PC-6 Analyzes medical and statistical indicators of mortality, disability and mortality to assess the health of the attached population</p> <p>ICA-5 PC-6 Fills in medical documentation, including in electronic form workers</p> <p>ICA-6 PC-6 Supervises the performance of official duties by the district nurse and other medical workers at the disposal</p> <p>ICA-7 PC-6 Uses information systems and the "Internet" information</p>	<ul style="list-style-type: none"> • Basic medical documentation of the children's clinic and hospital and the rules for filling it out; • principles of diagnosis according to the International Classification of Diseases and Related Health Problems; • duties of medical personnel; • the basic principles of organizing the work of a children's clinic. hospital 	<ul style="list-style-type: none"> • prepare basic medical documentation in paper and electronic form. 	<ul style="list-style-type: none"> • an algorithm for maintaining medical records in paper and electronic form

				and telecommunication network in his professional activities			
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3. The place of the discipline in the structure of the educational program:

The academic discipline "Pediatrics" belongs to the compulsory part of Block 1 of the Federal State Educational Standard of Higher Education "General Medicine" (31.05.01.)

4. Scope of discipline:

№ п/п	Type of work	Total credits	Total hours	Semester		
				VIII	IX	
				(hours)	(hours)	
1	2	3	4	5	6	
1.	Contact work of students with the teacher (total), including:	6,0	216	96	120	
2.	Lectures (L)	-	34	14	20	
3.	Practical classes(PC)	-	182	82	100	
4.	Student independent work (IWS)	3	108	48	60	
5.	Type of intermediate appraisal	Exam	1	36	----	36
6.	TOTAL: Total labor intensity	hours	----	360	144	216
		c.u.	10	----	4,0	6,0

5. Content of the discipline:

№	Semester	The name of the topic (section) of the discipline	Types of educational activities (in hours)					Forms of current control of education performance
			L	LE	PL	IWS	total	
1	2	3	4	5	6	7	8	9
1.	VIII	Anatomical and physiological features of the child's body	4	---	36	24	64	<ul style="list-style-type: none"> interview assessment of the development of practical skills analysis of clinical cases testing
2.		Pathology of young children	10	---	46	24	80	
3.	IX	Pathology of older children	14	---	56	30	100	
4.		Infectious diseases in children	6	---	44	30	80	
TOTAL:			34	---	182	108	324	

6. The list of educational and methodological support for independent work of students in the discipline

№	Semester	Name of educational and methodological development
1.	VIII	Kaloeva Z.D., Dzilikhova K.M., Sozaeva Z.Yu. and etc. Methodological developments for extracurricular independent work of students in the discipline "Pediatrics" for 4th year students of the Faculty of General Medicine, Vladikavkaz, 2020
2.		Kaloeva Z.D., Karyaeva S.K., Dzilikhova K.M., et al. Background diseases of young children. Study guide for students. Vladikavkaz, 2015
3.		Kaloeva Z.D., Karyaeva S.K., Dzilikhova K.M., et al. Iron deficiency anemia in children. Study guide for students. Vladikavkaz, 2016
4.		Sozaeva Z.Yu., Dzilikhova K.M., Dzgoeva Z.G., Dzhagaeva Z.K. Natural feeding. Hypogalactia - prevention, diagnosis, treatment. Teaching aICA for students, Vladikavkaz, 2018
5.		Sozaeva Z.Yu., Dzilikhova K.M., Kaloeva Z.D., Karyaeva S.K., Dzhagaeva Z.K. Case history diagram (Part I. Propedeutics of childhood diseases) Study guide for students. Vladikavkaz 2020
6.		Sozaeva Z.Yu., Dzilikhova K.M., Kaloeva Z.D., Karyaeva S.K., Dzhagaeva Z.K. Case history diagram (Part II. Pathology of young children) Study guide for students. Vladikavkaz 2020
7.	IX	Kaloeva Z.D., Dzilikhova K.M., Sozaeva Z.Yu. and etc. Methodological developments for extracurricular independent work of students in the discipline "Pediatrics" for 5th year students of the Faculty of General Medicine Vladikavkaz, 2020
8.		Kaloeva Z.D., Dzilikhova K.M., Karyaeva S.K. Research methodology for a sick child. Study guide for students. Vladikavkaz, 2016
9.		Kaloeva Z.D., Dzilikhova K.M., Sozaeva Z.Yu. and etc. Workshop on children's diseases for the section "Infectious Diseases in Children": Textbook for students. Vladikavkaz, 2016.
10.		Sozaeva Z.Yu., Dzilikhova K.M., Dzgoeva Z.G., Karyaeva S.K. Chronic gastroduodenal pathology in children Study guide for students. Vladikavkaz, 2018
11.		Sozaeva Z.Yu., Dzilikhova K.M., Dzgoeva Z.G., Karyaeva S.K. Pathology of the biliary tract in children. Study guide for students. Vladikavkaz 2018
12.		Sozaeva Z.Yu., Dzilikhova K.M., Kaloeva Z.D., Karyaeva S.K., Dzhagaeva Z.K. Scheme of the case history (Part III. Pathology of older children) Teaching for students. Vladikavkaz 2020
13.		Dzilikhova K.M., Sozaeva Z.Yu., Kaloeva Z.D., Karyaeva S.K., Dzgoeva Z.G. Clinical protocols for the provision of emergency medical care to the child population at the pre-hospital stage (Part I). Study guide for students. Vladikavkaz 2019
14.		Sozaeva Z.Yu., Kaloeva Z.D., Dzilikhova K.M., Gussoeva I.G., Dzgoeva M.G. Clinical protocols for the provision of emergency medical care to the child population at the prehospital stage (Part II. Emergencies in infectious diseases). Study guide for students. Vladikavkaz 2019
15.		Dzilikhova K.M., Kaloeva Z.D., Sozaeva Z.Yu., Dzgoeva Z.G., Dzgoeva M.G. Clinical protocols for the provision of emergency medical care to the child population at the prehospital stage (Part III. Emergencies in accICAents and injuries). Study guide for students. Vladikavkaz 2019

7. Fund of assessment tools for intermediate certification of students in the discipline

№	List of competencies	Semester	Indicator(s) assessment	Evaluation criterion(s)	Grading scale	Name of Federal educational standards
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
1.	UC- 1 UC- 4 UC- 11 GPC-1 GPC- 2 GPC- 4 GPC- 5 GPC- 7 PC- 1 PC- 2 PC- 3 PC- 5 PC-6	VIII	see the standard for evaluating the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education of the NOSMA of the Ministry of Health of Russia dated July 10, 2018, No. 264 / o	see the standard for evaluating the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education of the NOSMA of the Ministry of Health of Russia dated July 10, 2018, No. 264 / o	see the standard for evaluating the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education of the NOSMA of the Ministry of Health of Russia dated July 10, 2018, No. 264 / o	Interview. Test tasks. Tickets for modular lessons. Control tasks. A set of analyzes.
2.	UC- 1 UC- 4 UC- 11 GPC-1 GPC- 2 GPC- 4 GPC- 5 GPC- 7 PC- 1 PC- 2 PC- 3 PC- 5 PC-6	IX	see the standard for evaluating the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education of the NOSMA of the Ministry of Health of Russia dated July 10, 2018, No. 264 / o	see the standard for evaluating the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education of the NOSMA of the Ministry of Health of Russia dated July 10, 2018, No. 264 / o	see the standard for evaluating the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education of the NOSMA of the Ministry of Health of Russia dated July 10, 2018, No. 264 / o	Interview. Test tasks. Tickets for modular lessons. Control tasks. A set of analyzes. Exam tickets.

8. The list of basic and additional educational literature necessary for the development of the discipline

№	Name	Author(s)	Year, place of publication	Number of instances		Name electronic library
				in the library	at the departme	

					nt	website/ link electronic library website
1	2	3	4	5	6	7
Basic literature						
1.	Nelson essentials of pediatrics / [edited by] Karen J. Marcdante, Robert M. Kliegman.- - Seventh edition.					
2.	The Science of Paediatrics: MRCPCH Mastercourse (MRCPCH Study Guides) 1st Edition					
3.	Ghai Essential Pediatrics 9th Edition V.K. Paul, Vinod K. Paul, Arvind Bagga					
4.	Red Book: 2021 Report of the Committee on Infectious Diseases, 32nd Edition Editor: David W. Kimberlin, MD, FAAP					
Additional literature						
5.	Red Book Atlas of Pediatric Infectious Diseases					
6.	Rennie & Robertson's Textbook of Neonatology, 5th Edition					
7.	GLOBAL STRATEGY FOR ASTHMA MANAGEMENT AND PREVENTION Updated 2020					
8.	Standards of Medical Care in Diabetes 2020					
9.	Guidelines for the treatment of juvenile idiopathic arthritis					
10.	Oxford Handbook of Clinical Haematology					

9. The list of resources of the information and telecommunications network "Internet" necessary for the development of the discipline:

Reference materials

- <http://www.mzsrrf.ru> - official site of the Ministry of Health and Social Development of the Russian Federation. Contains a database of regulatory documents, search engines Garant, Consultant
- <http://www.medi.ru> - in detail about medicines. Formulary.
- <http://www.vICAal.ru> - Vidal directory.

Electronic libraries and journals

- <http://www.rmj.ru> - [Russian Medical Journal](#) The first independent publication for medical practitioners. The most widely read publication in Russia. The site contains the full texts of the journal, archives, useful information, conferences.
- <http://www.elibrary.ru> - scientific electronic library, search is carried out by the thematic section, the name of the journal, the author. Contains a catalog of Russian-language and foreign publications. Sometimes he runs full-text access promotions.
- <http://medinfo.ru> - Medinfo.ru® is created as an information and reference resource for everyone interested in medicine and taking care of their health. On the site you will find expert advice on various branches of medicine, orders of the Ministry of Health of the Russian Federation, Healthcare of the Russian Federation, International documents, Environmental legislation of the Russian Federation and the constituent entities of the Russian Federation.
- www.studmedlib.ru - Electronic library of a medical university "Student Consultant"
- <http://medi.ru/pediatr> Bulletin of the Union of Pediatricians of Russia. Published since 1999. The page contains a table of contents of the issues of the journal and full texts of individual articles
- <http://mirvracha.ru> - The largest resource base for doctors and medical students
- <http://biblioclub.ru> - library of scientific books and journals
- <http://rucont.ru> - "RUCont" - national digital resource
- <http://www.webmedinfo.ru> - medical information and educational project
- <http://health.elsevier.ru> - [Elsevier Publishing House](#) , electronic databases, incl. clinical knowledge system MD Consult and on-line resources
- <http://www.medsite.net.ru> - collection of case histories in many specialties.

10. Methodical instructions for students on mastering the discipline

Training consists of contact work (216 hours), including a lecture course and practical exercises, and independent work (108 hours). The main study time is allocated for practical work in pediatrics.

When studying the discipline, it is necessary to use the basic and additional literature and master practical skills - diagnostic manipulations, physical examination of the child, interpretation of the results of laboratory and paraclinical examination methods, differentiation of the most common childhood diseases.

Practical and seminar classes are conducted in the form of independent work under the guidance of a teacher in the classroom and in the hospital department, demonstration of educational films and the use of visual aids, solving situational problems, answering test tasks, analyzing clinical patients.

In accordance with the requirements of the Federal State Educational Standard of Higher Education, active and interactive forms of conducting classes are widely used in the educational process - business and role-playing games, a case situation. The proportion of classes conducted in interactive forms is at least 10% of classroom lessons.

Independent work of students implies preparation for practical studies and includes the study of basic and additional literature, the implementation of assignments for extracurricular independent work, writing essays, and compiling monothematic folders.

Work with educational literature is considered as a type of educational work in the discipline "Pediatrics" and is performed within the hours allotted for its study (in the CDS section).

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

For each section of the discipline, guidelines for students and guidelines for teachers have been developed.

During the study of the discipline, students independently conduct an examination of the patient and draw up an educational history of the disease and submit an essay on the topic.

Writing an essay, educational case history contributes to the formation of clinical thinking and practical skills (abilities).

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

Teaching students helps them develop the skills of communicating with the patient, taking into account the ethical and deontological characteristics of pathology and patients. Independent work with patients contributes to the formation of professional behavior, accuracy, and discipline.

The initial level of students' knowledge is determined by testing, the current control of mastering the subject is determined by oral questioning during classes, during clinical analyzes, when solving typical situational tasks.

At the end of the study of the discipline, intermediate control of knowledge is carried out using test control, testing of practical skills, solving situational problems, interviews on questions.

11. The list of information technologies used in the implementation of the educational process in the discipline:

- Internet Explorer.
- Microsoft Office.
- PowerPoint.

- Acrobat Reader.
- Zoom
- Miro.
- Moodle.
- Mentimeter.

12. Description of the material and technical base necessary for the implementation of the educational process in the discipline:

№	Name of equipment	Quantity	Technical condition
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
1.	Laptop	4	in working order
2.	Printer	1	in working order
3.	To ensure the educational process, phantoms and dummies of the practical training department are used		
4.	Tables	76	-
5.	Visual aids	89	-

13. Conducting educational activities using e-learning and distance learning technologies

In conditions of 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 full-time training, 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, monitoring progress, as well as intermediate certification of students, platforms of the electronic information and educational environment of the academy 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. Conducting seminars and practical classes is possible in on-line mode both in synchronous and asynchronous modes. Seminars can be held in the form of web conferences.