

ЛД-21ИИ

Federal State Budgetary Educational Institution of Higher Education
"North-Ossetian State Medical Academy"
of the Ministry of Healthcare of the Russian Federation



APPROVED

Rector of FSBEI HE NOSMA

MOH Russia

O.V. Remizov

«25» december 2020

EDUCATIONAL TRAINING PROGRAM OF THE DISCIPLINE

«Pediatric surgery»

the main professional educational program of higher education - specialty program in the specialty 31.05.01 General Medicine, approved in December 25, 2020

Form of study _____ Full-time _____

The period of development _____ 6 _____

Department of Surgical Pediatric Diseases with Medical Genetics

Vladikavkaz, 2020

When developing the work program of the discipline, the basis 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-21-01-21), 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 «25» december 2020, Protocol № 3.

The educational training program of the discipline was approved at a meeting of the department of Surgical Pediatric Diseases with Medical Genetics «3» december 2020, protocol № 5.

The educational training program of the discipline was approved at the meeting of the Central Coordinating Educational and Methodological Council of December 04, 2020, Minutes No. 2.

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 «25» december 2020, protocol № 3.

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Content of the work program

1. Name of the discipline;
2. A list of planned learning outcomes in the discipline, correlated with the planned results of mastering the educational program;
3. An indication of the place of discipline in the structure of the educational program;
4. The amount of discipline in credit units, indicating the number of academic or astronomical hours allocated for contact work of students with a teacher (by type of training) 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 for them and types of training;
6. A list of educational and methodological support for independent work of students in the discipline;
7. Fund of assessment tools for intermediate certification of students in the discipline;
8. A list of basic and additional educational literature necessary for mastering the discipline;
9. A list of resources of the information and telecommunication network "Internet" (hereinafter - the "Internet" network), necessary for mastering the discipline;
10. Methodological instructions for students on the development of the discipline;
11. A 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 technologies

1. Name of the discipline. Pediatric surgery.

2. The list of planned learning outcomes in the discipline and the results of mastering the educational program

No. p / p	Competence number / index	Content competence (or part of it)	Topic of the section (lessons)	Competence achievement indicators	Development results		
					know	be able to	own
one	2	3	four	five	6	7	eight
	УК-8	Able to create and maintain safe living conditions in everyday life and in professional activity to preserve the natural environment, ensure sustainable development of society, including in the event of the threat and occurrence of emergencies and military conflicts	Acute appendicitis, peritonitis. Primary peritonitis. Congenital intestinal obstruction. Congenital pyloric stenosis. Acquired intestinal obstruction. Pathogenesis of purulent surgical infection. Purulent-inflammatory diseases of soft tissues. Acute and chronic osteomyelitis in children of different age groups. Malformations of the kidneys and urinary tract. Inguinal hernia, dropsy of the membranes of the testicle and spermatic cord, cryptorchidism, varicocele, umbilical hernia. Lung malformations. Diaphragmatic hernia, esophageal atresia. Features of pediatric traumatology. Typical types of damage. Congenital dislocation of the hip. Congenital muscle torticollis. Congenital clubfoot.	ИД-1 УК-8 Be able to identify emergency and dangerous situations. ИД-2 УК-8 To be able to use means of individual and collective protection and first aid. ИД-3 УК-8 To be able to provide first aid to victims. ИД-4 УК-8 Observe safety regulations.	Knows the causes, signs and consequences of hazards, how to protect against emergencies; basics of life safety, emergency phone numbers	Knows how to identify signs, causes and conditions of emergencies; assess the likelihood of a potential hazard for a student and take measures to prevent it in an educational institution; provide first aid in emergencies	Possesses the methods of predicting the occurrence of dangerous or emergency situations; skills to maintain a safe living environment
1.	ОПК-6	Able to organize patient care, provide primary health care, or-	Acute appendicitis, peritonitis. Primary peritonitis. Congenital intestinal obstruction. Congenital pyloric stenosis. Ac-	ИД-1 ОПК-6 Be able to organize patient care ИД-2 ОПК-6	Assessment of the patient's condition to make a decision on the need for first	Skills in basic cardiopulmonary resuscitation. Possession of the algo-	Providing first aid to those affected in emergencies, epidemics, in

		ganize work and make professional decisions in urgent conditions at the prehospital stage, in emergency situations, epidemics and in outbreaks of mass destruction	quired intestinal obstruction. Pathogenesis of purulent surgical infection. Purulent-inflammatory diseases of soft tissues. Acute and chronic osteomyelitis in children of different age groups. Malformations of the kidneys and urinary tract. Inguinal hernia, dropsy of the membranes of the testicle and spermatic cord, cryptorchidism, varicocele, umbilical hernia. Lung malformations. Diaphragmatic hernia, esophageal atresia. Features of pediatric traumatology. Typical types of damage. Congenital dislocation of the hip. Congenital muscle torticollis. Congenital clubfoot.	Own the algorithm for the provision of primary health care in emergency conditions at the prehospital stage ИД-3 ОПК-6 Own the algorithm for providing first aid in emergency situations ИД-4 ОПК-6 Own the algorithm for the provision of primary health care in the outbreaks of mass destruction	aid at the pre-hospital stage.	rithm for the timely detection of life-threatening violations and the provision of first medical aid at the pre-hospital stage.	outbreaks of mass destruction.
2.	ПК-1	Examination of patients with surgical diseases of childhood in order to establish a diagnosis	Acute appendicitis, peritonitis. Primary peritonitis. Congenital intestinal obstruction. Congenital pyloric stenosis. Acquired intestinal obstruction. Pathogenesis of purulent surgical infection. Purulent-inflammatory diseases of soft tissues. Acute and chronic osteomyelitis in children of different age groups. Malformations of the kidneys and urinary tract. Inguinal hernia, dropsy of the membranes of the testicle and spermatic cord, cryptorchidism, varico-	ИД-1 ПК-1 Readiness to collect and analyze patient complaints, data from his anamnesis, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize a condition or establish the presence or absence of a disease.	The procedure for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care to children with surgical diseases. Standards for primary specialized health care, specialized, including high-tech, medical care for children with surgical diseases. Methodology for collecting anamnesis of life and complaints in children (their legal representatives) with	Interpret and analyze information received from children (their legal representatives) with surgical diseases Evaluate the anatomical and functional state of organs and body systems in children with surgical diseases Use methods of examinations and examinations of children with surgical diseases, taking into account age-related anatomical and functional characteristics, including: - visual	Collection of complaints, anamnesis of life and illness in children (their legal representatives) with surgical diseases Interpretation of information received from children (their legal representatives) with surgical diseases Examination of children with surgical diseases Formulating a preliminary diagnosis and drawing up a plan for laboratory

			cele, umbilical hernia. Lung malformations. Diaphragmatic hernia, esophageal atresia. Features of pediatric traumatology. Typical types of damage. Congenital dislocation of the hip. Congenital muscle torticollis. Congenital clubfoot.	ИД-2 ПК-1 Own the algorithm for examining children with surgical diseases. Assign the required amount of diagnostic measures. ИД-3 ПК-1 Interpret the data obtained from the objective examination method, general clinical and special examination methods.	surgical diseases. Methodology of examinations and examinations of children with surgical diseases. Anatomical and functional features of children. Etiology and pathogenesis, pathomorphology, clinical picture, differential diagnosis, course features, complications and outcomes of diseases and (or) pathological conditions in children with surgical diseases. Methods of clinical and paraclinical diagnosis of surgical diseases in children.	examination of various organs and systems; - palpation and percussion of the chest, abdomen, bones and joints; - auscultation of the chest and abdominal organs; - determination of the area of the burned surface; - determination of the volume of active and passive movements in the joint; - diagnostic aspiration puncture of the joint; - installation of a nasogastric tube; - catheterization of the bladder; - catheterization of the rectum; - assessment of pain intensity.	and instrumental studies of children with surgical diseases. Interpretation of the results of examinations, laboratory and instrumental studies of children with surgical diseases Interpretation of the results of examinations by specialist doctors of children with surgical diseases Establishing a diagnosis taking into account the current International Statistical Classification of Diseases and Problems Related to Health.
3.	ПК-2	Prescribing treatment for pediatric patients with surgical diseases, control of its quality	Acute appendicitis, peritonitis. Primary peritonitis. Congenital intestinal obstruction. Congenital pyloric stenosis. Acquired intestinal obstruction. Pathogenesis of purulent surgical infection. Purulent-inflammatory diseases of soft tissues. Acute and chronic osteomyelitis in children of different age groups. Malformations of the kidneys	ИД-1 ПК-2 Readiness to manage and treat patients requiring surgical medical care. ИД-2 ПК-1 Own the algorithm for the treatment of surgical diseases in children and methods of monitoring its quality. ИД-3 ПК-2 Perform separate stages of surgical interventions,	Methods of non-drug treatment in children with surgical diseases; medical indications and medical contraindications; possible complications, side effects, undesirable reactions, including serious and unforeseen. Principles and methods of surgical interventions, medical manipulations in children with surgical diseases; medical indications and medical contraindications; possible complications, side effects, undesirable reactions, in-	Prescribe non-drug treatment for children with surgical diseases in accordance with the current procedures for the provision of medical care, clinical guidelines. Develop a plan to prepare children with surgical diseases for surgery. Perform surgical interventions, medical manipulations for children with surgical diseases.	Development of a treatment plan for children with surgical diseases, taking into account the diagnosis, age and clinical picture. Prescribing drugs, medical devices and medical nutrition to children with surgical diseases. Performing individual stages of surgical interventions, medical manipulations for children with surgical diseases. Prevention or treatment of complications, side

			<p>and urinary tract.</p> <p>Inguinal hernia, dropsy of the membranes of the testicle and spermatic cord, cryptorchidism, varicocele, umbilical hernia.</p> <p>Lung malformations. Diaphragmatic hernia, esophageal atresia.</p> <p>Features of pediatric traumatology. Typical types of damage. Congenital dislocation of the hip.</p> <p>Congenital muscle torticollis. Congenital clubfoot.</p>	<p>medical manipulations for children with surgical diseases. Providing emergency medical care to children with surgical diseases, including in emergency situations.</p>	<p>cluding serious and unforeseen. Preoperative preparation and postoperative management of children with surgical diseases. Methods of pain relief for children with surgical diseases. Aseptic and antiseptic requirements. Principles and methods of providing emergency medical care to children with surgical diseases in accordance with the current procedures for the provision of medical care,</p>		<p>effects, undesirable reactions, including serious and unforeseen ones, arising from diagnostic or therapeutic manipulations, the use of drugs, medical devices, medical nutrition, non-drug treatment, surgical interventions. Providing emergency medical care to children with surgical diseases, including in emergency situations.</p>
4.	ПК-3	<p>Carrying out preventive measures and sanitary and educational work on the formation of a healthy lifestyle in pediatric patients with surgical diseases</p>	<p>Acute appendicitis, peritonitis. Primary peritonitis.</p> <p>Congenital intestinal obstruction. Congenital pyloric stenosis.</p> <p>Acquired intestinal obstruction.</p> <p>Pathogenesis of purulent surgical infection. Purulent-inflammatory diseases of soft tissues.</p> <p>Acute and chronic osteomyelitis in children of different age groups.</p> <p>Malformations of the kidneys and urinary tract.</p> <p>Inguinal hernia, dropsy of the membranes of the testicle and spermatic cord, cryptorchidism, varicocele, umbilical</p>	<p>ИД-1 ПК-3 Readiness for preventive measures and educational work on the formation of a healthy lifestyle in pediatric patients with surgical diseases.</p> <p>ИД-2 ПК-3 Knowledge of the principles of dispensary observation of children with surgical diseases, Fundamentals of a healthy lifestyle.</p> <p>ИД-3 ПК-3 To carry out the promotion of a</p>	<p>Principles of dispensary observation of children with surgical diseases in accordance with regulatory legal documents. The basics of a healthy lifestyle, methods of its formation. Forms and methods of sanitary and educational work among children (their legal representatives), medical workers on the prevention of surgical diseases Principles and features of prevention of the onset or progression of surgical diseases. The procedure for organizing medical examinations and medical examination of children, as well as dispensary obser-</p>	<p>Conduct medical examinations taking into account age, health status in accordance with the current regulatory legal documents. To carry out sanitary and educational work on the formation of a healthy lifestyle, the prevention of surgical diseases. Conduct clinical examination of children in accordance with the current regulatory legal documents Conduct dispensary observation of children with identified chronic surgical diseases. To develop and implement programs for the formation of a healthy</p>	<p>Promotion of a healthy lifestyle, prevention of surgical diseases. Carrying out medical examinations, clinical examinations Carrying out dispensary observation of children with identified chronic surgical diseases. Prescribing preventive measures for children taking into account risk factors. Filling out and sending, in accordance with the established procedure, an emergency notification about the case of an infectious, parasitic, occupational and other disease, the carriage of</p>

			<p>hernia.</p> <p>Lung malformations. Diaphragmatic hernia, esophageal atresia.</p> <p>Features of pediatric traumatology. Typical types of damage. Congenital dislocation of the hip.</p> <p>Congenital muscle torticollis.</p> <p>Congenital clubfoot.</p>	<p>healthy lifestyle, the prevention of surgical diseases. Conducting medical examinations, clinical examinations</p> <p>Conducting dispensary observation of children with identified chronic surgical diseases</p>	<p>vation. Medical indications and medical contraindications for the use of methods for the prevention of surgical diseases in children.</p>	<p>lifestyle, including programs to reduce the consumption of alcohol and tobacco, to prevent and combat non-medical consumption of narcotic drugs and psychotropic substances.</p>	<p>pathogens of infectious diseases, poisoning, an adverse reaction associated with immunization, bite, salivation, scratching by animals to the territorial authorities when an infectious disease is detected</p> <p>Formation of healthy lifestyle programs.</p> <p>Evaluation of the effectiveness of preventive work with patients.</p>
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3. Place of discipline in the structure of the educational program

The discipline "Pediatric Surgery" belongs to the basic part of Block 1 of the Federal State Educational Standard of Higher Education in the specialty "General Medicine".

4. The amount of discipline

№ п/п	Type of work		Total credit units	Total hours	Semester number 10
					hours
1	2		3	4	5
1	Contact work of students with teacher (total), including:		-	66	66
2	Lectures (L)		-	10	10
3	Clinical Practices (CP)		-	56	56
4	Seminars (C)		-	-	-
5	Laboratory work (LR)		-	-	-
6	Independent work of the student (IWS)		-	42	42
7	Intermediate type appraisals	credit (C)	+	-	+
		exam (E)	-	-	-
8	TOTAL: General labor intensity	hours	-	108	108
		ZET	3.0	3.0	3.0

5. Content of the discipline

№	Semester number	The name of the discipline section	Types of educational activities (in hours)				Forms of monitoring progress
			L	PZ	CPC	Total	
1	2	3	4	5	6	7	8
1.	X	Acute appendicitis, peritonitis. Primary peritonitis.	1	6	5	12	test work, interview on situational tasks, written or computer testing, individual homework, essay
2.	X	Congenital intestinal obstruction. Congenital pyloric stenosis	1	6	4	11	test work, interview on situational tasks, written or computer testing, individual homework, essay
3.	X	Acquired intestinal obstruction.	1	6	4	11	test work, interview on situational tasks, written or computer testing, individual homework, essay

4.	X	Pathogenesis of purulent surgical infection. Purulent-inflammatory diseases of soft tissues.	1	5	4	10	test work, interview on situational tasks, written or computer testing, individual homework, essay
5.	X	Acute and chronic osteomyelitis in children of different age groups.	1	5	4	10	test work, interview on situational tasks, written or computer testing, individual homework, essay
6.	X	Malformations of the kidneys and urinary tract.	1	6	4	11	test work, interview on situational tasks, written or computer testing, individual homework, essay
7.	X	Inguinal hernia, dropsy of the membranes of the testicle and spermatic cord, cryptorchidism, varicocele, umbilical hernia.	1	6	4	11	test work, interview on situational tasks, written or computer testing, individual homework, essay
8.	X	Lung malformations. Diaphragmatic hernia, esophageal atresia.	1	5	5	11	test work, interview on situational tasks, written or computer testing, individual homework, essay
9.	X	Features of pediatric traumatology. Typical types of damage. Congenital dislocation of the hip.	1	6	4	11	test work, interview on situational tasks, written or computer testing, individual homework, essay
10.	X	Congenital muscle torticollis. Congenital clubfoot.	1	5	4	10	test work, interview on situational tasks, written or computer testing, individual homework, essay
TOTAL:			10	56	42	108	offset

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

No./n	Semester number	Name of educational and methodological development
1	10	Methodical developments in pediatric surgery for 5th year students of the medical faculty. Authors: Dzheliev I.Sh., Lolaeva B.M., Esenov K.T., Makoev V.O., Burnatseva M.M. 2011. Practical skills training in pediatric surgery. Authors: Dzheliev I.Sh., Lolaeva B.M., Esenov K.T., Makoev V.O., Burnatseva M.M. 2011. Collection of test tasks for 5th year students of the medical faculty, collection of lectures. Authors: Dzheliev I.Sh., Lolaeva B.M. 2011.

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

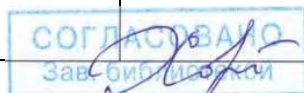
N o.	List of competencies	No. semester	Indicator (s) evaluating	Evaluation criterion (s)	Grading scale	Name FOS
1	2	3	4	5	6	7
1	УК-8	X	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	tests, situational tasks, exam tickets
2	ОПК-6	X	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	tests, situational tasks, exam tickets
3	ПК-1	X	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	tests, situational tasks, exam tickets
4	ПК-2	X	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	see the standard for assessing the quality of education, approved. By order of the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	tests, situational tasks, exam tickets
5	ПК-3	X	see the standard for assessing the quality of education, approved. By order of	see the standard for assessing the quality of education, approved. By order of	see the standard for assessing the quality of education, approved. By order of	tests, situational tasks, exam tickets

			the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	the Federal State Budgetary Educational Institution of Higher Education SOGMA of the Ministry of Health of Russia dated 10.07.2018, No. 264 / o	
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8. The list of basic and additional educational literature necessary for mastering the discipline

p / no	Name	Authors)	Year, place of publication	Number of copies	
				in library	on the department
one	2	3	4	5	6
Main literature					
1.	Pediatric surgery.	Isakov Yu.F., Razumovsky A.Yu.	M., GEOTAR - Media., 2014.	100	1
2.	Pediatric anesthesiology and resuscitation.	Mikhelson V.A., Grebennikov V.A.	M., GEOTAR - Media., 2010.	45	1
3.	Pediatric urology.	Pugachev A.G.	M.: GEOTAR-Media, 2009.	40	1
4.	Pediatric oncology.	Durnov A.F.	M., GEOTAR - Media., 2004.	32	1
5.	Pediatric coloproctology	Geraskin A.V., Dronov A.F., Smirnov A.N.	M., GEOTAR - Media., 2012.		
6.	Pediatric surgery. National leadership. Edited by Acad. RAMS Yu.F. Isakov, prof. Dronov. M.: GEOTAR-Medicine. - 2009.	Edited by Acad. RAMS Yu.F. Isakov, prof. S.V. Dronov.	M., GEOTAR-Media, 2009	12	1
Additional literature					
1.	Bone fractures in children. Guide to Traumatology and Orthopedics.	V.P. Nemsadze / Ed. SOUTH. Shaposhnikov,	Volume 2, Chapter 14. - M., GEOTAR-Media, 2008.	12	5

2.	Pediatric surgery.	Ashcraft K.U., Holder T.M.	Per. and Russian ed. T.K. Nemi- lova - L., 2006, in 3 volumes.	3	1
3.	Atlas of Pediatric Opera- tive Surgery.	P. Puri, M. Golwart.	M.: MEDpress- inform. - 2009	3	1
4.	Treatment of appendicular appendicitis in children.	V.E. Shchetinin	M.: RMAPO. - 2005.	9	1
5.	Emergency conditions in children.	Petrushina A.D., Malchenko L.A.	M.: Medical book. - 2008.	23	1
6.	Urgent surgery for children.	Bairov G.A.	M.: Practical medicine. - 1997.	16	1
7.	Endoscopic surgery in children.	A.F.Dronov	M., GEOTAR- Media, 2002	3	1



9. The list of resources of the information and telecommunication network "Internet" necessary for mastering the discipline

1. <http://www.rusmedserv.com/raps/> Russian Association of Pediatric Surgeons
2. <http://society-surgeons.rf/stranica-pravlenija/unkr/detskaja-hirurgija> Russian Society of Surgeons. Section: Pediatric Surgery
3. <http://ps-ioumal.ru/> Russian bulletin of pediatric surgery, anesthesiology and resuscitation [Electron, journal].
4. <http://www.medlit.ru/ioumal/320> Pediatric surgery [Electron, journal]. -
5. <http://meduniver.com/> - site for various branches of medicine
6. <http://www.booksmed.com/> - site with tutorials
7. <http://www.webmed.irkutsk.ru/> - a site with recommendations, information on various branches of medicine
8. <http://www.vidal.ru/> - a reference book of medicines
9. <http://Pediatr-russia.ru/> Union of Pediatricians of Russia [Electron resource]. - Access mode:

10. Guidelines for organizing the study of the discipline:

Training consists of contact work (66 hours), including a lecture course (10 hours) and practical exercises (56 hours), as well as independent work (42 hours).

The study of pediatric surgery is carried out according to the classical principle: from the propaedeutics of pediatric surgical diseases to the study of nosological units and surgical syndromes in children.

5th year students of the Faculty of General Medicine receive practical skills in the study of children with surgical diseases, while great attention is paid to developing the ability to establish contact with a sick child and parents, conduct an initial examination, and interpret the data obtained. The most common surgical diseases in children are being studied: acute appendicitis, purulent-inflammatory diseases of soft tissues, etc.

The presentation of the sections of pediatric surgery begins with an analysis of the issues of urgent surgery for children, paying special attention to the section of acute processes of the abdominal cavity.

Then, a detailed study of each nosological unit (the most common surgical diseases; malformations and traumatic injuries in their typical course) is carried out with an analysis of the etiology, pathogenesis, clinical manifestations, diagnosis, prevention and treatment. The lectures are illustrated by the demonstration of patients with a typical course of the disease.

Independent work of students includes classroom and extracurricular parts: writing essays, preparation for classes, preparation for testing, preparation for current control, preparation for intermediate certification

Work with educational literature is considered as a type of educational work in the discipline of caring for children with surgical diseases 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. The department has developed guidelines for students "Care for children with surgical diseases" and a workshop "Practical skills in pediatric surgery."

During the study of the discipline, students independently prepare for classes and testing, draw up abstracts and submit them for certification. At the end of the study of the discipline, a final control of knowledge is carried out in the form of a module using test control, testing of practical skills and solving situational problems.

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

Microsoft Office
PowerPoint;
Windows Media Player
Internet Explorer

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

N/n	equipment identification	number	Technical condition
1	2	3	4
Special equipment			
1.	Surgical instrumentation	1 set	Satisfactory
Dummies			
2.	Adult torso with head	one	Satisfactory

3.	Buttock	one	Satisfactory
4.	Elbow bend	one	Satisfactory
5.	Lower limb	one	Satisfactory
6.	Upper limb	one	Satisfactory
7.	Tables, pcs.	thirty	Satisfactory
8.	Skeleton	one	Satisfactory

Provision of the educational process with technical means of training, computer equipment

No.	equipment identification	number	Technical content
1	A computer	2	Unsatisfactory
2	Notebook	one	Good
3	Projector	one	Good
4	Scanner, copier, printer	one	Satisfactory
5	Printer	one	Satisfactory

13. 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 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 assignments. 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.

Lectures can be presented in the form of audio, video, "live lectures", etc. Conducting seminars and practical classes is possible in on-line mode both in synchronous and asynchronous modes. Seminars can be conducted in the form of web conferences