

«APPROVE»
Rector of SKMA
Zh. Seitzhanova
2025



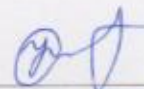
**SOUTH KAZAKHSTAN
MEDICAL
ACADEMY**

**RESIDENCE EDUCATIONAL PROGRAM
7R01123 «PEDIATRIC SURGERY»**

Shymkent, 2025

The educational program of the residency 7R01123 "Pediatric Surgery" was developed by the Department of Pediatrics-I

Head of the department, PhD
 Protocol № 8 from "26" "03" 2025



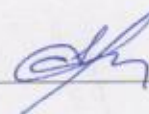
Kemelbekov K.S

Representative of practical healthcare.
 Deputy Chief Physician for Surgery
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Turysbekov S.A.

Discussed at the meeting of the Academic Committee
 of Pediatric Profile
 Chairman of the Academic Committee, Professor
 Protocol № 4 from "21" "04" 2025



Bektenova G.Y.

Approved by the Clinical Council
 Chairman, Professor
 Protocol № 8 from "25" "04" 2025



Nurmashev B.K.

Approved by the Academic Council
 Protocol № 13 from "02" "05" 2025.

ONTÜSTİK-KAZAĞASTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Pediatrics-I		
Educational program 7R01123 «Pediatric surgery»		38/11 3 page of 19

Educational program passport

1. Mission of the educational program.

To be recognized as a leader in the field of training highly specialized, competitive pediatric surgeons.

2. The purpose of the educational program.

Training for a pediatric surgeon with a system of universal professional competencies, able to independently provide pediatric surgical care for a child in primary health care; specialized, including high-tech, medical care.

3. Rationale for EP

Pediatric surgery is a discipline that studies surgical diseases of childhood, clinical features, diagnostics and modern methods of surgical treatment, taking into account the anatomical and physiological characteristics of the body. The main task of pediatric surgeons is the timely diagnosis of surgical pathology and the provision of highly qualified surgical treatment in accordance with Order of the Ministry of Health of the Republic of Kazakhstan dated May 15, 2023 No. 81. "On approval of the standard for organizing the provision of pediatric surgical care in the Republic of Kazakhstan" and clinical protocols for diagnosis and treatment in pediatric surgery of the Ministry of Health of the Republic of Kazakhstan. The need for pediatric surgeons in the Republic of Kazakhstan at all levels of medical care is very high and the shortage of highly qualified specialists is felt at all levels, which is the rationale for the opening and need to train pediatric surgeons, primarily at the regional level, taking into account the main strategies and programs for the development of the healthcare system.

4. Professional standard on the basis of which educational training has been developed program

- Order of the Minister of Health of the Republic of Kazakhstan dated January 25, 2024 No. 46 "On approval of professional standards in the field of healthcare."
- Order of the Minister of Health of the Republic of Kazakhstan dated 07.04.2022 No. KR DSM-63 "On the approval of state mandatory standards for the levels of education in the field of healthcare";
- Order of the Minister of Health of the Republic of Kazakhstan dated November 10, 2023 No. 164 "On Amendments and Additions to the Order of the Minister of Health of the Republic of Kazakhstan "On Approval of the list of medical specialties of residency programs" dated May 25, 2021 No. HP DSM - 43 and "On approval of standard training programs in medical and pharmaceutical specialties" dated January 9 2023, No. 4"

5. Area of professional activity. Healthcare

6. Objects of professional activity. Medical organizations providing inpatient and outpatient care, healthcare systems of the Republic of Kazakhstan

General information

№	EP characteristics	Data
1	Registration number	7R09100177
2	Code and classification of training areas	7R01 Health (medicine)
3	The code and classification of training areas	7R011 Health
4	Group of educational programs	R023 Pediatric surgery
5	Code, name of the educational program	7R01123 Pediatric surgery (residency)
6	Type of EP	Updated EP
7	Level of MSKO	7
8	Level of NRK	7
9	Level of ORK	7
10	Distinctive features of EP	No
	HEI - partner	-
11	List of competencies	KK1. Patient supervision: able to identify the main pathological symptoms, be able to carry out differential diagnostics, interpret examination results to make a clinical diagnosis, prescribe a treatment plan and evaluate its effectiveness. KK2. Communication and collaboration: able to communicate effectively with patients and their relatives, involving them in discussion and participation in the process of diagnostic, treatment and preventive measures KK3. Safety and quality: Able to carry out dynamic monitoring of healthy and sick children in surgical medical institutions. KK4. Public Health: Able to conduct a clinical examination of a sick child with surgical pathology and make a clinical diagnosis in accordance with modern clinical protocols KK5. Research: Able to assess the potential risks of therapy in pediatric surgery, prescribe treatment according to evidence-based international practice and determine its effectiveness. KK6. Training and development: Able to organize and carry out a complex of early rehabilitation measures for major surgical diseases of childhood.
12	Learning outcomes	LO1: able to formulate adequate research questions, critically evaluate professional literature on pediatric surgery, effectively use international databases in their daily activities, participate in the work of the research team; LO2: able to effectively interact with relatives of the child, with health professionals in order to achieve the best results for the child;

		LO3: able to learn independently and train other members of the professional team of pediatric surgeons, actively participate in discussions, conferences and other forms of continuous professional development. LO4: able to assess risks and use the most effective methods to ensure a high level of safety and quality of pediatric surgical care; LO5: able to act within the legal and organizational field of the healthcare system of the Republic of Kazakhstan in the provision of pediatric surgical care, independently participate in the management of medical documentation and medical statistical information; LO6: able to formulate a clinical diagnosis, prescribe a treatment plan using minimally invasive treatment methods, develop and implement rehabilitation programs and evaluate its effectiveness based on evidence-based practice using an international database and digital tools at all stages of pediatric surgical care.
13	Form of study	Full-time
14	Language of study	Kazakh and Russian
15	Volume of loans	210
16	The term of study	3 years
17	Assigned qualification	Doctor children's surgeon
18	Availability of an appendix to the license for the direction of training	KZ36LAA00011387
19	Existence of EP accreditation	+
	Name of accreditation body	IAAR
	Accreditation period	KZ73LAA00011788, 10.06.2022г.-09.06.2027г.
20	Information about the disciplines	Appendix 1.2

Appendix 1.1

Matrix for correlating learning outcomes in the educational program as a whole with the competencies being developed

	LO 1	LO 2	LO 3	LO 4	LO 5	LO 6
K1		+				+
K2		+			+	
K3		+				+
K4	+			+	+	
K5			+	+	+	
K6	+		+			+

Appendix 1.2

Competency/learning outcome attainability matrix

№	Name of discipline	Brief description of the discipline	Cycle (PD)	Component (MC, OC)	Number of cred	Formable learning outcomes (codes)
1	Elective surgery with urology	Indications for conservative and surgical treatment. Features of preoperative preparation and postoperative treatment in children with elective surgery. Terms of surgical treatment. Diagnosis, treatment standards and rehabilitation of children with surgical pathologies in a planned manner. Research methods and differential diagnostic criteria in pediatric urology. Diagnosis and timing of surgical treatment of urological patients.	PD	UC	40	LO 1 LO 2 LO 6
2	Purulent Surgery	The principles of treatment of purulent surgical infections in children. Prevention of purulent surgical and nosocomial infections. Diagnosis, conservative and surgical treatment. Features of acute purulent disease of the skin and subcutaneous tissue, lymphadenitis and adenoflegmon in children. Complications.	PD	UC	30	LO 2 LO 4
3	Emergency surgery	Differential diagnosis, surgical tactics and treatment methods in children	PD	UC	25	LO 2 LO 6

		with acute surgical diseases. Conservative treatment, surgical tactics and indications for surgical treatment, for acute appendicitis, strangulated hernia, peritonitis, cholecystitis, gastrointestinal bleeding, damage to the hollow organs of the abdominal cavity, intestinal invagination.				
4	Neonatal surgery	Develops knowledge and skills to assess the anatomical and functional state of organs and body systems in newborns; to develop an examination plan and identify clinical symptoms and syndromes in children with congenital malformations; to determine indications for emergency surgical care for newborns and evaluate its effectiveness using an international database and digital tools; to manage medical documentation and medical and statistical information.	PD	UC	20	LO 4 LO 5 LO 6
5	Thoracic surgery	Features of the anatomical and physiological development of the chest and its organs in children. New methods for examining the chest organs in children. Modern methods of conservative and surgical treatment of malformations of the lungs, congenital diaphragmatic hernia, chronic inflammatory lung disease in children. Features of the treatment of injuries of the esophagus and stomach, foreign bodies of the respiratory tract, Mallory-Weiss syndrome, pulmonary echinococcosis.	PD	UC	20	LO 3 LO 4 LO 5
6	Traumatology, orthopedics	Anato-physiological features of the musculoskeletal system in children. Diagnosis and conservative treatment of traumatic brain injuries, fractures of the long bones, femoral fractures, intraarticular fractures of the lower leg, epiphyses, fractures of the spine in children. Indications for surgical treatment. The principles of surgical	PD	UC	25	LO 2 LO 4 LO 6



		treatment. Conservative, surgical treatment and rehabilitation of children with orthopedic diseases, burns and post-burn contractures.				
7	Outpatient surgery	On the activities of health organizations providing outpatient care in the Republic of Kazakhstan. Pediatric surgery on an outpatient basis. Children's injuries and its prevention. Principles of dispensary observation. The principles of rehabilitation of children with injuries of the musculoskeletal system at the level of outpatient services.	PD	UC	24	LO 2 LO 4
8	Endoscopic surgery	Principles of organizing work in a laparoscopic operating room and preparing patients for surgery. Features of surgical equipment, technical features of diagnostic studies and surgical laparoscopy. The technique of endoscopic surgery in children. Complications of laparoscopic surgery and ways to prevent them. Technical features of fibrocolonoscopy, sigmoidoscopy.	PD	UC	16	LO 1 LO 2 LO 4
	Total				200	
9	Neurosurgery	The basics of neurosurgery. Clinical and instrumental methods for examining patients with neurosurgical diseases. Clinical diagnosis. Differential diagnosis with other diseases of the central nervous system. Modern methods of surgical intervention. Features of pre- and postoperative administration of patients with neurosurgical pathologies.	PD	EC	4	LO 4 LO 5 LO 6

10	Intensive care in pediatrics	Develops knowledge and skills in developing an examination plan for children with congenital malformations and surgical diseases; assessing the safety of medicines, medical devices and therapeutic nutrition; evaluating the effectiveness of treatment in children with surgical diseases based on evidence-based practice using an international database and digital tools; managing medical documentation and medical statistical information.	PD	EC		LO 4 LO 5 LO 6
11	Oncology	Pre-malignant and malignant oncological diseases that occur in childhood. Morphological, immunological, genetic and molecular biological techniques for identifying tumors. Advanced achievements in oncology. Practical recommendations for the diagnosis and treatment of neoplastic diseases in children.	PD	EC		LO 4 LO 5 LO 6
12	Pathological anatomy	Key questions of the general and private courses of pathological anatomy, as well as the biopsy sectional course. Special questions and topics on separate diseases. Examples of pathological diagnoses, medical death certificates, autopsy protocols, and clinical and pathological analysis materials.	PD	EC	4	LO 4 LO 5 LO 6
13	Pediatric gynecology	Anatomical and physiological features of the pelvic organs in girls. Clinical symptoms, gynecological diseases. Methods of diagnosis and treatment of critical conditions in gynecology. Sexually transmitted diseases. Features of conservative and surgical treatment in pediatric gynecology.	PD	EC		LO 4 LO 5 LO 6
	Total				8	
	Final examination				2	
	Total				210	

**Professional standard: "Pediatric Surgery"
Profession card "7.1 Pediatric surgeon"**

Professional standard: "Pediatric Surgery" Profession card "7.1 Pediatric surgeon"

List of work functions:	Mandatory labor functions:	1. Organization and provision of qualified, specialized surgical care for children under the supervision of a mentor 2. Conducting and monitoring the effectiveness of the prevention of surgical diseases in children, preventing the formation of antimicrobial resistance, sanitary and hygienic education and the formation of a healthy lifestyle of the population under the supervision and supervision of a mentor. 3. Interaction with patients, their environment and healthcare participants under the supervision and supervision of a mentor 4. Maintaining accounting and reporting medical records under the supervision and supervision of a mentor
	Additional labor functions:	1. Continuous professional development under the supervision and supervision of a mentor
Labor function 1: Organization and provision of qualified, specialized surgical care for children under the supervision of a mentor	Skill 1: Conducting a medical examination and examination of children in order to identify congenital malformations and surgical diseases, establishing a diagnosis	Skills: 1. Collection of complaints, life history and diseases in children with surgical diseases. 2. To assess the anatomical and functional state of organs and body systems in children with surgical diseases. 3. Skills of examination and examination of children with surgical diseases, taking into account age characteristics. 4. Interpret and analyze the results of examinations and laboratory tests of children with surgical diseases. 5. Interpret and analyze the results of instrumental studies of children with surgical diseases.
		Knowledge: 1. The standard of organization of pediatric surgical care in the Republic of Kazakhstan. 2. Clinical protocols of diagnosis and treatment of the Republic of Kazakhstan by activity profile. 3. International clinical guidelines on the activity profile. 4. Organization of medical sanitary and anti-

		epidemic measures for the population. 5. Anatomical and functional features of childhood, fundamentals of embryogenesis, pathophysiology of congenital malformations and surgical diseases. 6. Symptoms of clinical manifestations, differential diagnosis, features of the course, complications and outcomes of the disease in children with surgical diseases. 7. Methods of collecting complaints, life history in children with surgical diseases of childhood. 8. Methods of examinations and examinations of children with surgical diseases. 9. Methods of laboratory and instrumental studies in children with surgical diseases to assess the severity of the condition, medical indications for research, rules for interpreting the results in children with surgical diseases. 10. Methods of clinical and paraclinical diagnosis of surgical diseases in children. 11. Algorithms for the diagnosis and treatment of children with congenital malformations and surgical diseases in outpatient and hospital settings in accordance with the standards of clinical protocols. 12. Surgical diseases in children that require referral to specialist doctors. 13. Surgical diseases in children requiring urgent medical care.
	The ability to recognize a skill:	Skill recognition is recommended
	Skill 2: Provision of primary health care, prescribing treatment for children with surgical diseases, monitoring its effectiveness, safety	Skills: 1. To develop a treatment plan for children with surgical diseases in accordance with the current rules and procedures for primary care, clinical treatment protocols. 2. Perform surgical interventions and therapeutic manipulations for children with surgical pathology. 3. Have the skills to develop a postoperative management plan for children with surgical diseases. 4. Possess the skills of monitoring surgical diseases, correcting the treatment plan depending on the features of the course of the surgical disease.

		5. Possess the skills of surgical interventions and therapeutic manipulations for children with surgical pathology.
		Knowledge: 1. The standard of organization of pediatric surgical care in the Republic of Kazakhstan. 2. Clinical protocols of diagnosis and treatment of the Republic of Kazakhstan by activity profile. 3. International clinical guidelines on the activity profile. 4. Methods of treatment of children with surgical diseases in accordance with the rules of primary medical care. 5. Principles and methods of surgical and therapeutic manipulations in children with surgical diseases. 6. Ways to prevent or eliminate complications and side effects that occur during the examination or treatment of children with surgical diseases. 7. Preoperative preparation and postoperative management of children with surgical diseases. 8. Requirements of asepsis and antisepsis in surgery. 9. Methods of anesthesia for children with surgical diseases. 10. Rules, principles of operation and safety of medical equipment and surgical instruments, equipment of the dressing room. 11. The course and stages of emergency and planned operations.
	The ability to recognize a skill:	Skill recognition is recommended
	Skill 3: Providing emergency medical care to children with surgical pathology in life-threatening conditions	Skills: 1. To recognize conditions that pose a threat to life, including clinical death (arrest of vital functions of the patient's body (blood circulation and / or respiration), requiring emergency medical care. 2. Provide emergency medical care in conditions that pose a threat to life, including clinical death (arrest of vital functions of the child's body – blood circulation and / or respiration). 3. Perform basic cardiovascular resuscitation activities. Knowledge: 1. The standard of organization of pediatric

		surgical care in the Republic of Kazakhstan. 2. Clinical protocols of diagnosis and treatment of the Republic of Kazakhstan by activity profile. 3. International clinical guidelines on the activity profile. 4. Pathological conditions requiring emergency medical care. 5. Indications for emergency hospitalization of a patient in specialized hospital units. 6. Indications for emergency hospitalization of the patient in the intensive care unit of the hospital. 7. Clinical signs of sudden cessation of blood circulation and/or respiration. 8. Rules of basic cardiopulmonary resuscitation.
	The ability to recognize a skill:	Skill recognition is recommended
Labor function 2: Conducting and monitoring the effectiveness of the prevention of surgical diseases in children, preventing the formation of antimicrobial resistance, sanitary and hygienic education and the formation of a healthy lifestyle of the population under the supervision and supervision of a mentor.	Skill 1: Organization and implementation of preventive measures to prevent surgical diseases in children, including congenital malformations. Infection prevention and infection control.	Skills: 1. To participate in the organization and conduct of preventive medical examinations (preschool institutions, schools), to conduct medical examinations in accordance with applicable regulatory legal documents.
		2. Prescribe preventive measures for children, taking into account risk factors (prevention of purulent-inflammatory diseases of the surgical profile in children, injury), precautions related to the risk of insect bites, contact with pathogens of infectious diseases, salivation, scratching of animals, poisoning). 3. Participate in the organization and conduct of preventive measures infections related to medical care (surgical area infections, catheter-associated bloodstream infections, catheter-associated urinary tract infections, lower respiratory tract infections, hemocontact infections (hepatitis B and C, HIV)). 4. Participate in infection prevention and infection control activities, and prevent the formation of antimicrobial resistance.
		Knowledge: 1. The standard of organization of pediatric surgical care in the Republic of Kazakhstan. 2. Rules, scope and frequency of preventive medical examinations.

		3. Causes, anatomical and topographic features of purulent-inflammatory diseases of surgical profile in children. 6. Principles, means and methods of hygiene for the prevention of purulent-inflammatory diseases of surgical profile in children. 7. Sanitary and epidemiological requirements for healthcare facilities 8. Sanitary and epidemiological requirements for the organization and conduct of sanitary and anti-epidemic, sanitary and preventive measures to prevent infections related to the provision of medical care. 9. Sanitary and epidemiological requirements for the organization and conduct of sanitary and anti-epidemic, sanitary and preventive measures to prevent particularly dangerous infectious diseases 10. Methods of infection prevention and the spread of infectious diseases.
	The ability to recognize a skill:	Skill recognition is recommended
	Skill 2: Organizing and conducting educational, educational and campaigning events aimed at preventing diseases, forming a healthy lifestyle, maintaining and strengthening health.	Skills: 1. To carry out sanitary and educational work with the population on the prevention and early diagnosis of surgical diseases. 2. To inform about sanitary requirements, rules and recommendations for ensuring safety and hygiene in various spheres of life: food, water, sanitary conditions, housing conditions, personal hygiene, as well as about the risks associated with the use of antibiotics without proper indications. 3. Provide patients and their legal representatives with information about vaccines, their importance, benefits and possible risks in accordance with national and international protocols and recommendations. 4. Inform about regular medical examinations and screening programs. 5. To teach sanitary and hygienic skills in order to preserve, promote health, and enhance sanitary and hygienic culture: maintaining hygiene and safety, including standard precautions (hand hygiene, cough etiquette, personal protective equipment, safe injection practices, waste management, disinfection, and sterilization), food

		safety, and infection prevention. 6. To organize and conduct events to promote a healthy lifestyle, rational and healthy nutrition, the importance of physical activity, giving up bad habits, and maintaining psychological well-being. Knowledge: 1. Sanitary standards and standard precautions, safety in the home and work environment. 2. Methods of infection prevention and the spread of infectious diseases. 3. Principles of personal hygiene and healthy lifestyle.
	The ability to recognize a skill:	Skill recognition is recommended
Labor function 3: Interaction with patients, their environment, and healthcare participants under the supervision and supervision of a mentor	Skill 1: Interaction with the patient, his relatives or legal representatives	Skills: 1. Advises legal representatives on the course, treatment, and prognosis of the disease, including reporting unpleasant news. 2. Provides the legal representatives of the child with an advisory opinion on the medical indications for surgical intervention, instructs in detail about the planned scope of surgical intervention. Inform the patient and (or) his legal representatives about the recommended type of diagnosis, treatment, and possible complications with informed consent.
		3. Involve the patient or his legal representative in the decision-making process, taking into account their preferences, values and level of awareness. 4. Explain procedures and technologies, ensuring that information is understandable and accessible so that the patient or his legal representative can make an informed decision. 5. Show empathy and support to patients in order to increase the effectiveness of treatment and cooperation between the patient and the doctor. Knowledge: 1. Principles of communication with the patient, his relatives or legal representatives. 2. Ethnic, cultural, religious, and legal aspects related to informing the patient about the choice of treatment methods and medical supplies. 3. Psychosocial aspects of the patient's health. 4. The process of obtaining informed consent in

		compliance with legal requirements. 5. Principles of interaction in conflict situations.
	The ability to recognize a skill:	Skill recognition is recommended
	Skill 2: Cooperation with other specialists and health services on issues of diagnosis, treatment, rehabilitation, providing an integrated approach to the prevention of the spread of infections and the formation of a healthy lifestyle.	Skills: 1. Advising and participating in advanced training of primary health care and related specialties in pediatric surgery. 2. Work in teams with other healthcare professionals and services to provide a full range of medical care to patients. 3. Share information with other healthcare professionals and services to ensure continuity of medical care and timely intervention if necessary. 4. Participate in multidisciplinary groups, consultations, and clinical rounds. 5. Cooperate with public organizations and health services to prevent the spread of infections, vaccinate and respond to emergencies. 6. Refer patients to specialists or specialized health services for further diagnosis and treatment.
		Knowledge: 1. The role and functions of other specialists and services in matters of diagnosis, treatment, and rehabilitation. 2. Technologies and standards of medical practice. 3. Principles of effective communication with specialists and health services.
Labor function 4: Maintaining accounting and reporting medical records under the supervision and supervision of a mentor	The ability to recognize a skill:	Skill recognition is recommended
	Skill 1: Accounting and documentation in medical practice	Skills: 1. To draw up medical documentation in accordance with the forms, types, volume, procedure and terms established by the authorized body. 2. Organize and store medical records in accordance with the requirements. 3. Process medical information confidentially, observing the rules and regulations related to the protection of personal data and ensuring the security of medical information. 4. To use information systems in the field of healthcare in professional activities.
		Knowledge:

		1. Order of the Acting Minister of Health of the Republic of Kazakhstan dated October 30, 2020 No. KR DSM-175/2020 "On approval of Accounting Documentation forms in the field of healthcare, as well as instructions for completing them (registered with the Ministry of Justice of the Republic of Kazakhstan on November 4, 2020 No. 21579). 2. Order of the Minister of Health of the Republic of Kazakhstan dated December 22 2020 No. KR DSM-313/2020 "On approval of forms of accounting documentation in the field of healthcare" (registered with the Ministry of Justice of the Republic of Kazakhstan on December 23, 2020 No. 21879). 3. Order of the Minister of Health of the Republic of Kazakhstan dated December 10, 2020 No. KR DSM-244/2020 "On approval of the rules for maintaining primary medical records and submitting reports" (registered with the Ministry of Justice of the Republic of Kazakhstan on December 11, 2020 No. 21761). 4. Electronic accounting and documentation systems. 5. Confidentiality of patients' medical information.
	The ability to recognize a skill:	Skill recognition is recommended
Additional labor function 1: Continuous professional development under the supervision and supervision of a mentor	Skill 1: Participation in research and scientific projects	Skills: 1. Formulate research questions, develop hypotheses, collect and analyze data, conduct statistical analysis and draw conclusions from the research results. 2. Observe the principles of fairness, informed consent, confidentiality, and protection of the rights and well-being of patients participating in research. 3. To conduct a search and analysis of literature, a critical assessment of research data. 4. Possess research design skills, including research plan and design, selection of methodology, definition of inclusion and exclusion criteria, development of a protocol and data collection scheme. 5. Submit research results in writing and publish articles in scientific journals.

		Knowledge: 1. Fundamentals of scientific method and scientific research. 2. Ethical principles, regulatory norms and procedures related to human research. 3. Statistical methods, methods of data processing and evaluation of the statistical significance of the results.
	The ability to recognize a skill:	Skill recognition is not recommended
	Skill 2: Striving for professional improvement	Skills: 1. Participate in professional training events: conferences, seminars, webinars. 2. To train personal skills: leadership, teamwork, empathy and adaptability, initiative and responsibility for achieving goals. 3. Develop time and stress management skills. Knowledge: 1. Order of the Minister of Health of the Republic of Kazakhstan dated December 21, 2020 No. KR DSM-303/2020 "On Approval of the Rules for additional and non-formal education of healthcare Professionals, qualification requirements for organizations implementing educational programs for additional and non-formal education in the field of healthcare, as well as the rules for recognizing the learning outcomes obtained by healthcare professionals through additional and non-formal education (registered with the Ministry of Justice of the Republic of Kazakhstan on December 22, 2020, No. 21847). 2. Opportunities for networking and communication with colleagues from their professional field. 3. Current trends, research and development in the specialized field.
	The ability to recognize a skill:	Skill recognition is not recommended
Personal competence requirements:	Empathy Communication skills Tolerance and respect Collaboration and teamwork Stress resistance Reflection and introspection Compliance with professional ethics	

ONTUSTIK-QAZAQSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ	 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
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	Openness and willingness to learn Activity and initiative Striving for professional development
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Head of the educational and methodological center



B.Z.Doltayeva