



SOUTH KAZAKHSTAN
**MEDICAL
ACADEMY**

**EDUCATIONAL PROGRAM OF RESIDENCY
7R01104 Gastroenterology (adults, children)**

Shymkent 2025 y.

ОНТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ	 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
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The educational program of the residency 7R01104 Gastroenterology (adults, children) was developed by the Department of Therapy and Cardiology

Head of the Department _____ Asanova G.K.

Protocol № 8a from " 18 " 04 2025 y.

Agreed with the employer:

Gastroenterologist at City Hospital No. 2 _____ Rsalieva J.M.



Discussed at the meeting of the AC
therapeutic profile

Chairman of the AK, Associate Professor _____ Kauyzbai J.A.

Protocol № 4 from " 21 " 04 2025 y.

Approved by the Clinical Council

Chairman, Professor _____ B.K.Nurmashev

Protocol № 8 from " 25 " 04 2025 y.

Approved by the Academic Council

Protocol № 13 from " 02 " 05 2025 y.

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Passport of the educational program

1. The mission of the educational program:

Training of competitive personnel, achieving learning outcomes to ensure the health system and society need highly qualified gastroenterologists

2. The purpose of the educational program:

Training of a gastroenterologist, including a child, who has professional skills and is able to provide assistance to a patient with gastroenterological pathology in accordance with modern principles of evidence-based medicine.

3. Justification of the OP:

Gastroenterology is a branch of medicine on the structure and functions of the human digestive system in normal and pathological conditions, studying the causes and mechanism of development of various diseases of the digestive system, developing new methods of diagnosis, treatment and prevention of these diseases. Today, a good gastroenterologist is one of the most sought-after specialists in our country. The need for gastroenterologists in the Republic of Kazakhstan at all levels of medical care is very high.

The need of medical organizations for gastroenterologists is the rationale for the discovery and the need to train gastroenterologists, primarily at the regional level, taking into account the main strategies and programs for the development of the healthcare system at the international, national and regional levels in order to increase the level of rational use of medicines.

4. The professional standard on the basis of which the educational program is developed:

- Order of the Minister of Health of the Republic of Kazakhstan dated 07.04.2022 No. KR DSM-63 "On approval of state mandatory standards for levels of education in the field of healthcare";
- Professional standard "Gastroenterology (adults, children)" (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".
- 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. KR DSM - 43 and "On approval of standard training programs in medical and pharmaceutical specialties" dated January 9, 2023 No. 4. (Order of the Minister of Health of the Republic of Kazakhstan dated 10 November 2023, No. 164).

5. The field of professional activity. Healthcare

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

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General information

1	Registration number	7R01100263
2	The code and classification of the field of education	7R01 Healthcare (medicine)
3	The code and classification of training areas	7R011 Healthcare
4	Group of educational programs	R004 Adult, children's gastroenterology
5	Code, name of the educational program	7R01104 Gastroenterology (adults, children)
6	Type Op	Updated educational program
7	ISCED level	7
8	The level of the NRK	7
9	ORC Level	7
10	Distinctive features of the OP	compiled according to the professional standard
	Partner University (SOP)	
	Partner University (SOP)	
11	List of competencies	CC1 Patient supervision: formulate a clinical diagnosis, prescribe a treatment plan, and evaluate its effectiveness based on evidence-based practice in highly specialized cardiology care. CC 2 Communication and collaboration: interact effectively with the cardiological patient, his environment, and healthcare professionals in order to achieve the best results for the patient CC 3 professionalism: assess risks and use the most effective methods to ensure a high level of safety and quality of highly specialized cardiological care. CC 4 Public health: to act within the legal and organizational framework of the healthcare system of the Republic of Kazakhstan in their specialty, to provide basic cardiological care in emergency situations, to work as part of interprofessional teams to implement national health promotion policies CC 5 research: formulate adequate research questions, critically evaluate professional literature, effectively use international databases in their daily activities, participate in the work of the research team CC 6 обучение и развитие: обучаться самостоятельно и обучать других членов профессиональной команды, активно участвовать в дискуссиях, конференциях и

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		других формах непрерывного профессионального развития.
12	Learning outcomes:	LO1 able to effectively interact with the patient with gastrointestinal disorders, his environment, and healthcare professionals in order to achieve the best results for the patient LO2 able to formulate adequate research questions, critically evaluate the professional literature on gastroenterology, effectively use international databases in his daily activities, and participate in the work of the research team. LO3 able to act within the legal and organizational framework of the healthcare system of the Republic of Kazakhstan according to the educational program “Gastroenterology (adult, children's)”, provide basic assistance in emergency situations, work as part of interprofessional teams to implement national health promotion policies. LO4 able to train independently and train other members of a professional team, actively participate in discussions, conferences, and other forms of continuous professional development in the field of gastroenterology. LO5 it is able to assess risks and use the most effective methods to ensure a high level of safety and quality of medical care for patients with disorders of the main functions of the gastrointestinal tract. LO6 able to formulate a clinical diagnosis, prescribe a treatment plan and evaluate its effectiveness based on evidence-based practice at all levels of medical care for patients with diseases of the gastrointestinal tract.
13	The form of study	is full-time
14	The language of instruction	<i>Kazakh and Russian</i>
15	Volume of loans	210
16	The duration of the training:	2 year
17	Degree awarded, qualification	Gastroenterologist for adults and children
18	Availability of an appendix to the license for the direction of training	KZ36LAA00011387
19	Availability of OP accreditation	Have
	Name of the accreditation body	IAAR
	The validity period of the accreditation	№ KZ73LAA00011788. 10.06.2022y.-09.06.2027y
20	Information about the disciplines	Application 1.2

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Application 1.1

The matrix of correlation of learning outcomes according to the educational program as a whole with the competencies being formed

	PO1	PO2	PO3	PO4	PO5	PO6
KK1	+	+	+			
KK2		+		+		
KK3			+		+	
KK4				+		
KK5					+	
KK6						+

Application 1.2

Matrix of achievability of competencies/learning outcomes

№	Name of the discipline	A brief description of the discipline	Cycle	Component	Number of credits	Formed RO
Cycle of Profiling discipline						
Compulsory component						
1	Endoscopy	The role of endoscopy in the diagnosis and treatment of gastrointestinal pathologies. Types of endoscopies (FGDS, EGDS, FCS uterine probe, capsule video endoscopy): indications, contraindications, preparation, complications. Esophagoscopy. The importance of endoscopic examination and intragastric pH-metry in the diagnosis of esophageal and gastric pathology. Gastroduodenoscopy. Methods of diagnosis of Helicobacter pylori. Puncture biopsy. Laparoscopy. Endoscopic cholecystography. Endoscopic methods of treatment.	PD	UC	16	LO2 LO3 LO5
2	Fundamentals of oncology	Precancerous diseases in gastrology. Principles of forming a risk group. The frequency of occurrence of oncopathology in gastroenterology. Principles of early cancer prevention. Methods of diagnosis and management of patients with precancerous diseases. The principle of overdiagnosis in the practice of a gastroenterologist. The main requirements for the use of a particular method of treatment of malignant tumors, methods of their	PD	UC	13	LO1 LO6

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		determination. Informing the patient.				
3	Gastroenterology	Organization of outpatient care for patients with gastroenterological profile. Inpatient replacement technologies in the work of a gastroenterologist in the conditions of a medical outpatient clinic. Examination of working capacity. Standards. Clinical protocols and clinical recommendations of the Republic of Kazakhstan on the main pathology of the digestive tract. Conducting cancer-prevention screenings for at-risk patients, especially the elderly. Prevention issues. Principles of primary and secondary prevention of digestive system diseases.	PD	UC	46	LO2 LO5 LO6
4	Hepatology	Questions of epidemiology of chronic hepatitis. Conducting screening in the outpatient service for viral hepatitis in risk groups. Diagnostic algorithm. Indications for consultation of specialists. Dispensary observation in the hepatocenter. Antiviral treatment on an outpatient basis. Control and prevention of complications. Surgical treatment. Indications for liver transplantation. Clinical protocols of the Republic of Kazakhstan. To use patients' personal data and information in accordance with the legislation.	PD	UC	35	LO1 LO2 LO5
5	Nutritionology	Organization of medical nutrition services in the Republic of Kazakhstan. Basic principles of rational and healthy nutrition. Eating disorders. Pathogenetic substantiation of the principles of therapeutic nutrition in diseases of the gastrointestinal tract. Artificial enteral and parenteral nutrition. Dietary recommendations for diseases of the digestive system. Calculation of nutrition in children and adults.	PD	UC	12	LO3 LO4 LO5
6	Ultrasound diagnostics	The importance of visual research methods in gastroenterology. Optimal choice of visual diagnostic methods in	PD	UC	12	LO2 LO4

		gastroenterology. Ultrasound diagnostics as a research method in gastroenterology. Physical fundamentals of ultrasound diagnostics. Methods of ultrasound examination of the digestive tract. New technologies in ultrasound diagnostics. Questions of terminology, artifacts, and deontology in ultrasound diagnostics. Features of visual diagnostics in children.				
	Total:				134	
Cycle of Profiling discipline						
A component of choice						
7	EISA and PCR diagnostics in gastroenterology and hepatology. Indirect elastography	Methods of molecular clinical diagnostics studies based on the use of monoclonal antibodies, the method of hybridization on filters and polymerase chain reaction; on the identification of specific genes and products of their activity – proteins (EISA). Indirect elastography as a method for determining the stage of fibrosis and the degree of liver steatosis.	PD	EC	4	LO2 LO5 LO6
8	Features of management of patients after liver transplantation	The choice of management tactics for patients with end-stage chronic diffuse liver diseases and focal lesions. Determination of indications for liver transplantation and the priority status for inclusion of patients on the waiting list. Stabilization of the clinical condition and assessment of the possibility of recovery/rehabilitation of the patient after the operation of orthotopic liver transplantation.	PD	EC		LO1 LO2 LO4
	PH-metry methodology and interpretation of results	Intraluminal pH-metry is one of the research methods for accurate diagnosis of secretory and motor function of the gastrointestinal tract. The advantage of this method, indications, contraindications, interpretation of the results. Intraesophageal 24-hour pH-metry for the diagnosis of esophageal diseases: indications, contraindications, interpretation of the results.	PD	EC		LO3 LO5

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Total:				138	
Final certification:				2	
Total:				210	

Professional standard: " Gastroenterology (adults, children)"

Profession card " 7.1 Gastroenterologist:	Mandatory labor functions:	1. Diagnosis of diseases of the digestive system under the supervision of a mentor 2. Treatment of diseases of the digestive system in accordance with continuity at all stages under the supervision and supervision of a mentor 3. Prevention of diseases of the digestive system under the supervision of a mentor 4. Restorative treatment and medical rehabilitation of patients with digestive diseases under the supervision and supervision of a mentor 5. Interaction with patients, their environment and healthcare participants under the supervision and supervision of a mentor 6. Maintaining accounting and reporting medical records under the supervision and supervision of a mentor
	Additional labor functions:	1. Basic edoscopy of the upper and lower gastrointestinal tract under the supervision and supervision of a mentor 2. Continuous professional development
Labor function 1: Diagnosis of diseases of the digestive system under the supervision of a mentor	Skill 1: Examination of patients (adults, children) with diseases of the digestive system.:	Skills: 1. Collect complaints, medical history, life history and conduct clinical examination of adults and children. 2. To assess the nutritional status of adults and children 3. Make a patient examination plan. 4. Determine the indications for referring a patient with digestive diseases to doctors of other specialties. 5. Interpret the data of laboratory, morphological, imaging studies (ultrasound, radiological: X-ray, computed tomography, magnetic resonance, etc.) and endoscopic studies of patients with digestive diseases and health disorders. 6. Evaluate the results of microbiological examination of biological fluids. 7. Interpret the results of manometry of the gastrointestinal tract and pH-metry of the esophagus. 8. Examine the recipient before liver transplantation. 9. Examine the patient before performing biological and immunosuppressive therapy. 10. Ensure the safety and monitoring of diagnostic tests 11. The skills of conducting a finger examination of the rectum.
		Knowledge:

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		1. Knowledge of the principles of organization of gastroenterological care for adults and children. 2. Knowledge of the standards of gastroenterological and hepatological care. 3. Knowledge of the clinical protocols of the Ministry of Health of the Republic of Kazakhstan, international clinical guidelines for the diagnosis and treatment of digestive diseases in adults and children. 4. Knowledge of anatomy and physiology, digestive system. 5. Features of the anatomy and physiology of the digestive organs of children in different age periods. 6. Knowledge of etiology and risk factors, pathological physiology, pathological morphology and immunopathology, clinic, methods of diagnosis of diseases of the digestive system in adults and children. 7. Knowledge of methods for assessing nutritional status disorders. 8. Knowledge of the peculiarities of diseases of the digestive system depending on age and in pregnant women. 9. Knowledge of diagnostic methods for diseases of the digestive system, indications, contraindications.
Work function 2: Treatment of digestive diseases with continuity at all stages under the supervision and supervision of a mentor	Skill 1: The use of non-medicinal, medicinal and special treatment methods in the treatment of diseases of the digestive system of patients (adults, children).	Skills: 1. Draw up and justify a patient's treatment plan, determine the indications for interventional treatment. 2. To treat patients with diseases of the digestive system on an outpatient and inpatient basis. 3. Prescribe therapeutic nutrition, taking into account the general factors and the nature of the disease in adults and children, including orphan diseases. 4. Skills in the selection and referral of patients with diseases of the digestive system for hospitalization in a day hospital, for inpatient treatment (emergency / planned hospitalization, including surgical indications). 5. Participate in the selection and referral of patients with digestive diseases for the provision of high-tech medical services, including liver transplantation. 6. To determine indications, contraindications and antiviral therapy for chronic viral hepatitis. 7. Determine indications, contraindications and conduct immunosuppressive and biological therapy. 8. To treat and monitor the patient after liver transplantation. 9. Evaluate the effectiveness of treatment and adjust it taking into account dynamic changes in the results of clinical, laboratory, radiological, morphological and other studies.

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		10. Skills of performing therapeutic laparocentesis 11. Provide medical care for urgent and life-threatening conditions in gastroenterology and hepatology. 12. Ensure the safety of treatment. 13. Prioritize medical care. Knowledge: 1. Knowledge of methods of treatment of diseases of the digestive system, indications, contraindications and complications. 2. Knowledge of the principles of diet therapy, the peculiarities of dietary, enteral and parenteral nutrition of patients with digestive diseases in adults and children. 3. Knowledge of the mechanisms of action of drugs, their interaction, indications, contraindications, side effects, prescribing features depending on age, taking into account the principles of evidence-based medicine. 4. Knowledge of indications for planned and emergency hospitalization for inpatient treatment.
	Skill 2: Dynamic monitoring of patients (adults, children) with diseases of the digestive system	Skills: 1. To conduct dynamic follow-up with chronic diseases of the digestive system, including those who have undergone surgery, including liver transplantation. 2. To monitor the treatment of diseases of the digestive system. 3. To ensure the continuity of supervision between the inpatient and outpatient stages of medical care, including the transfer of pediatric patients to the adult level. Knowledge: 1. Knowledge of the principles of dynamic monitoring of patients with chronic diseases of the digestive system, including those who have undergone surgery, including liver surgery. 2. Knowledge of the timing of monitoring and criteria for the effectiveness of treatment.
Labor function 3: Prevention of diseases of the digestive system under the supervision of a mentor	Skill 1: Organization and holding of events aimed at the prevention of diseases of the digestive system of patients (adults, children)	Skills: 1. To develop and implement measures for sanitary and hygienic education of the population aimed at the formation of a healthy lifestyle, prevention and cancer prevention of diseases of the digestive system. 2. Skills in organizing the work of a "School" for patients with digestive diseases. 3. Participate in the organization and implementation of measures aimed at the prevention of 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. Knowledge of the principles of prevention of diseases of the digestive system. 2. Knowledge of the forms and methods of sanitary and educational work on the formation of a healthy lifestyle. 3. Knowledge of the basics of rational nutrition of a healthy person. 4. Knowledge of nutritional risk factors affecting the formation of children's and adolescents' health. 5. Knowledge of the issues of cancer prevention of diseases of the digestive system.
Labor function 4: Rehabilitation treatment and medical rehabilitation of patients with digestive diseases under the supervision and supervision of a mentor	Skill 1: Drawing up a plan, evaluating the effectiveness and safety of measures for the medical rehabilitation of patients (adults, children) with diseases of the digestive system	Skills: 1. Identify medical indications and contraindications for medical rehabilitation. 2. Skills of participating in an interdisciplinary commission or multidisciplinary team in order to establish a rehabilitation diagnosis, potential and a personalized set of rehabilitation measures for diseases of the digestive system, including after surgical interventions. 3. Develop a rehabilitation plan for patients with diseases of the digestive system. 4. To carry out restorative treatment and medical rehabilitation (the first stage), including those who have undergone surgical interventions on the digestive organs, according to rehabilitation standards. 5. Evaluate the effectiveness and safety of medical rehabilitation measures for patients with digestive diseases. Knowledge: 1. Knowledge of the principles of medical rehabilitation of patients with diseases of the digestive system. 2. Knowledge of the mechanisms of influence of medical rehabilitation methods. 3. Knowledge of basic medical rehabilitation programs for patients with digestive diseases
Labor function 5: 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. To advise the patient or his legal representative about the course, treatment and prognosis of the disease, including the reporting of unpleasant news. 2. 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.

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		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. Ethical, cultural, religious, and legal aspects related to informing the patient about the choice of treatment methods and medical devices. 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.
	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 gastroenterology. 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 healthcare professionals and services.
Labor function 6: Maintaining accounting and reporting medical records under the supervision and supervision of a mentor	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

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		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.
Additional work function 1: Basic endoscopy of the upper and lower gastrointestinal tract under the supervision and supervision of a mentor	Skill 1: Performing diagnostic, basic therapeutic endoscopy of the upper and lower gastrointestinal tract of patients (adults, children).	Skills: 1. Determine the indications for endoscopic examinations and organize them. 2. Skills of conducting diagnostic esophagogastroduodenoscopy. 3. Skills in conducting diagnostic rectoscopy and rectoromanoscopy. 4. Diagnostic colonoscopy skills. 5. Perform capsule endoscopy. 6. Identify and differentiate endoscopic signs of diseases. 7. Formulate an endoscopic conclusion. 8. To determine the tactics of further endoscopic examination and treatment. 9. Skills of conducting biopsy during endoscopic examination. 10. Skills of loop polypectomy. 11. Perform endoscopic hemostasis. 12. Remove foreign bodies from the digestive tract. 13. Ensure the safety of endoscopic procedures. Knowledge: 1. Knowledge of the technique of

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		esophagogastroduodenoscopy, colonoscopy, rectosigmoidoscopy. 2. Knowledge of indications and contraindications for endoscopic examination. 3. Knowledge of the preparation of patients for endoscopic examination methods. 4. Knowledge of the methods of anesthesia during endoscopic examinations, indications, contraindications. 5. Knowledge of the endoscopic signs of diseases diagnosed by endoscopy. 6. Knowledge of the technique of performing a biopsy of the gastrointestinal tract. 7. Knowledge of the procedure, indications, and contraindications for capsule endoscopy. 8. Knowledge of diagnostic and therapeutic procedures for gastrointestinal bleeding. 9. Knowledge of endoscopic diagnosis and management tactics for benign submucosal tumors.
Additional labor function 2: Continuous professional development	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.
	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:

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	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.
Personal competence requirements:	Empathy Communication skills Tolerance and respect Collaboration and teamwork Stress resistance Reflection and introspection Compliance with professional ethics Openness and willingness to learn Activity and initiative Striving for professional development

Head of the Educational and Methodical center



Doltayeva B. Z.