


ОНТҮСТІК-ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ	 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Family Medicine Educational program "Therapy"	044-69/11 1 page of 10

«SOUTH KAZAKHSTAN MEDICAL ACADEMY» J-SC

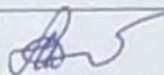
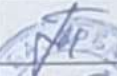


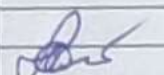


SOUTH KAZAKHSTAN
 MEDICAL
 ACADEMY

RESIDENTURE EDUCATIONAL PROGRAM
 7R01139 « THERAPY »

Shymkent


The educational residency program 7R01139 «THERAPY» was developed on the basis of the order of the Minister of Health of the Republic of Kazakhstan dated July 4, 2022 No. KR DSM-63 "On approval of state compulsory standards for levels of education in the field of healthcare" and the proposal of all interested parties.

Position	Full Name	Signature
Разработано		
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Discussed at a meeting of the Committee for Educational Programs		
Protocol of the department meeting No. 12 from "03" "08" "2022"		
Discussed at the Residency CEP meeting		
Chairman of the CEP	Kauyzbai Zh.A.	
Protocol No. 5 from "04" "08" "2022"		
Approved by the Clinical Council		
Chairman of the Clinical Council	Kauyzbai Zh.A.	
Protocol No. 59 from "05" "08" "2022"		
Approved by the Academic Council		
Protocol No. 4 from "08" "08" "2022"		

General information

№	The name of the field	Note
1	Registration number	
2	Code and classification of the field of education	7R01 Healthcare (medicine)
3	Code and classification of training areas	7R011 Healthcare
4	Group of educational programs	R039Therapy
5	Name of the educational program	Therapy (residency)
6	Type of EP	Updated EP
7	ISCED level	7
8	NQL level	7
9	GQL level	7
10	Distinctive features of EP	No
	University partner (Joint EP)	No
	University partner (Undergraduate OP)	No
11	List of competencies	<p>CC1 Patient supervision: formulate a clinical diagnosis, prescribe a treatment plan and evaluate its effectiveness based on evidence-based practice in highly specialized medical care</p> <p>CC2 Communication and collaboration: interact effectively with the patient, his environment, and healthcare professionals in order to achieve the best results for the patient</p> <p>CC3. Professionalism: assess risks and use the most effective methods to ensure a high level of safety and quality of highly specialized medical care.</p> <p>CC4. Public health: act within the legal and organizational framework of the healthcare system of the Republic of Kazakhstan in their specialty, provide basic cardiac care in emergency situations, work as part of interprofessional teams to implement policies to improve the health of the nation</p> <p>CC5. Research: formulate adequate research questions, critically evaluate professional literature, effectively use international databases in their daily activities, participate in the work of a research team</p> <p>CC6. Training and development: learn independently and train other members of the professional team, actively participate in discussions, conferences and other forms of continuous professional development</p>
12	Learning outcomes	LO1 able to formulate a clinical diagnosis, prescribe a

	(SCSE 2022)	<p>treatment plan and evaluate its effectiveness based on evidence-based practice at all levels of medical care for patients with diseases of a therapeutic profile</p> <p>LO2 able to effectively interact with the therapeutic patient, his environment, healthcare professionals in order to achieve the best results for the patient</p> <p>LO3 able to assess risks and use the most effective methods to ensure a high level of safety and quality of medical therapeutic care.</p> <p>LO4 able to act within the legal and organizational framework of the healthcare system of the Republic of Kazakhstan in the specialty "Therapy", provide basic and emergency care in emergency situations, work as part of interprofessional teams to implement the policy of strengthening the health of the nation.</p> <p>LO5 able to formulate the most relevant research questions, critically evaluate professional and scientific literature, effectively use international medical databases in their daily activities, participate in the work of a research team</p> <p>LO6 able to learn independently and train other members of the professional team, actively participate in discussions, conferences and other forms of continuous professional development in the field of pathology of internal organs.</p>
13	Form of study	<i>Full time</i>
14	Language of study	<i>Kazakh and Russian</i>
15	Amount of credits	Total: 140credits Among them: 1.Theoretical training – 138 credits 2. Final certification – 2 credits
16	Awarded academic degree	Therapist
17	Availability of application to license for training	KZ36LAA000 11387
18	Accreditation of the OP	<i>Have</i>
	Name of accreditation body	IAAR
	Duration of accreditation	№ AB3987 10.06.2022-09.06.2025
19	Information about the disciplines	<i>Appendix 1,2</i>

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Educational program passport

The mission of the educational program To be recognized as a leader in the field of training highly qualified, competitive internists.

The purpose of the educational program: Training of qualified, competitive doctors with a system of universal professional competencies capable of providing independent therapeutic care, including emergency care, to the adult population, regardless of gender.

3. Objectives of the educational program:

- To form an extensive and deep volume of basic, fundamental medical knowledge that forms the professional competence of a doctor who is able to successfully solve his professional tasks
- To form and improve the professional training of a medical specialist with clinical thinking, well-versed in the pathology of diseases of internal organs and having in-depth knowledge of related disciplines.
- To prepare a specialist for independent professional treatment and diagnostic activity, who is able to conduct a differential diagnostic search, to provide full medical assistance.

Appendix 1. 2

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

	LO1	LO 2	LO 3	LO4	LO5	LO6
CC1	+		+	+		
CC2		+		+		+
CC3	+		+	+		
CC4		+		+		
CC5					+	+
CC6		+				+

Appendix 1. 2


Information about the disciplines

№	Name of the discipline	Brief description of the discipline	Cycle	Component	The amount of credits	Generated learning results (codes)
		Cycle of profile disciplines				



1	Outpatient therapy	Organization of outpatient care for patients with a therapeutic profile. Fundamentals of management. Inpatient-replacement technologies in the conditions of a medical outpatient clinic. Examination of working capacity. Standards, Clinical protocols and clinical recommendations of medical communities on diseases of internal organs of the Republic of Kazakhstan.	PD	MC	46	LR-2 LR-3 LR-4
2	Inpatient therapy	Indications for emergency and planned hospitalization of patients in a hospital. Formulation of the clinical diagnosis, according to ICD-10. Daily supervision of patients in hospitals of various therapeutic profiles (cardiology, pulmonology, Nephrology, gastro-enterology, Hematology, intensive care and intensive care units). Principles of treatment based on evidence-based medicine	PD	MC	88	LR-1 LR-2 LR-3
3	Clinical electrocardiography.	Fundamentals of heart electrophysiology. Methods of conducting and normative indicators of data of ECG in adults in all standard areas. Electrocardiographic diagnostics of ECG changes: myocardial infarction, myocardial ischemia, myocarditis, hypertrophy of various parts of the heart; acute and chronic rhythm and conduction disorders, pulmonary embolism,	PD	OC	2	LR-1 LR-6

		pericarditis, and electrolyte disorders.				
4	Extragenital pathology.	Diagnosis and treatment of extragenital pathology in pregnant women: congenital and acquired heart defects, arterial hypertension, systemic connective tissue diseases, chronic kidney diseases, viral hepatitis and hepatosis, diabetes mellitus and thyroid pathology, iron-deficient and folic-B12-deficient anemia.	PD	OC		LR-1 LR-5
5	Emergency conditions in the clinic of internal diseases	Diagnosis and treatment of emergency conditions in the clinic of internal diseases (hypertensive crises, acute coronary syndrome, acute violation of cerebral circulation, acute heart rhythm and conduction disorders, acute heart failure, asthmatic status, PE). Diagnostics, algorithms for emergency care and further tactics in the work of the therapist.	PD	OC	2	LR-2 LR-3 LR-4
6	Radiation diagnostic methods in therapy.	The main indications and possibilities for the diagnosis of radiation methods in the clinic of internal diseases: radiography, computed tomography, magnetic resonance imaging, ultrasound examination methods. The development of skills in "reading" the results from the tov studies. Clinical	PD	OC		LR-2 LR-5

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		interpretation of the data obtained in various pathologies of internal organs.				
	TOTAL				138	
	Final examination				2	
	SUMMARY				140	

Matrix for achieving LO using various teaching methods

LO (codes)	Learning and teaching methods
LO1 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 a therapeutic profile.	1. Work in the GP department and specialized offices 2. Participation in consultations 3. Duty
LO2 able to effectively interact with the therapeutic patient, his environment, healthcare professionals in order to achieve the best results for the patient.	1. Round table 2. Consilium 3. Discussions
LO3 able to assess risks and use the most effective methods to ensure a high level of safety and quality of medical therapeutic care.	1. Oral interview 2. Discussions 3. Analysis of the clinical situation
LO4 able to act within the legal and organizational framework of the healthcare system of the Republic of Kazakhstan in the specialty "Therapy", provide basic and emergency care in emergency situations, work as part of interprofessional teams to implement the policy of strengthening the health of the nation.	1. Oral interview 2. Analysis of clinical protocols 3. Working with orders and documentation
LO5 able to formulate the most relevant research questions, critically evaluate professional and scientific literature, effectively use international medical databases in their daily activities, participate in the work of a research team	1. Reviewing scientific articles 2. "Magazine Club" 3. Writing theses and articles 4. Public speaking
LO6 able to learn independently and train other members of the professional team, actively participate in discussions, conferences and other forms of continuous professional development in the field of pathology of internal organs.	1. Working with electronic media and information technologies 2. Formation of a portfolio 3. Participation in international and national webinars, thematic conferences

Matrix of compliance of LO with assessment methods

LO (codes)	Assessment methods
LO1 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 a therapeutic profile	1.360-evaluation from a mentor, patient, medical staff (based on a checklist) 2. Checklist for portfolio assessment 3. Duty checklist
LO2 able to effectively interact with the therapeutic patient, his environment, healthcare professionals in order to achieve the best results for the patient	1.360-evaluation from a mentor, patient, medical staff (based on a checklist)
LO3 able to assess risks and use the most effective methods to ensure a high level of safety and quality of medical therapeutic care.	1. Checklist for assessing oral discussions 2. Checklist for assessing clinical situations
LO4 able to act within the legal and organizational framework of the healthcare system of the Republic of Kazakhstan in the specialty "Therapy", provide basic and emergency care in emergency situations, work as part of interprofessional teams to implement the policy of strengthening the health of the nation.	1. Checklist for assessing oral discussions
LO5 able to formulate the most relevant research questions, critically evaluate professional and scientific literature, effectively use international medical databases in their daily activities, participate in the work of a research team	1. Checklist for evaluating reviews of scientific articles 2. Publications
LO6 able to learn independently and train other members of the professional team, actively participate in discussions, conferences and other forms of continuous professional development in the field of pathology of internal organs.	1. Checklist for portfolio assessment 2. Checklist for evaluating reviews of scientific articles

Residents' workplan for the 7R01139 «Therapy» educational program for the 2022–2024 academic year.
Qualification: «doctor – therapist» / Duration of study: 2 years

Cycle disciplines/	Discipline code/	Name of the discipline/ modules/	Amount of credits	General hours/	classroom /	RIC		1 year of study	2 year of study	The form control/	FE
						CPPH	RTIC/				
PD/		CYCLE OF PROFILING DISCIPLINES	134	4140							
PD/	UC/	Mandatory component	138	4020							
		R-ACT Ambulatory-clinic therapy	46	1380	276	966	138	30	16	Exam	
		R-HT Hospital therapy	88	2640	528	1848	264	40	48	Exam	
	OC/	Optional component	4	120	24	84	12		4		
		R-RDM Radiation diagnostic methods in therapy/	2	60	12	42	6		2	Exam	
		R-ECCID Emergency conditions in the clinic of internal diseases									
		R-CE Clinical electrocardiography/	2	60	12	42	6		2	Exam	
		R- EP Extragenital pathology									
		BCEGO	138	4140	828	2898	414*				
IC		INTERMEDIATE CERTIFICATION									
FE		FINAL EXAMINATION	2	60					2		60
		ИТОГО	140	4200	828	2898	414	70	70		60