

«SOUTH KAZAKHSTAN MEDICAL ACADEMY»



APPROVED

Rector of SKMA, professor

M.Rysbekov

2024




SOUTH KAZAKHSTAN  
MEDICAL  
ACADEMY

EDUCATIONAL RESIDENCY PROGRAM

7R01113


« Psychiatry (adult, child)»

ONTUSTIK-KAZAKHSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ	 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Neurology, Psychiatry, Rehabilitology and Neurosurgery	
Educational program «Psychiatry (adult, child)»	
044-56-12P 2стр.из 9	

The educational residency program "Psychiatry (adult, child)" was developed on the basis of the 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."

Position	Full name	Signature
<b>Developed by</b>		
Academic staff of the Department of neurology, psychiatry and psychology		
Head of the department	Zharkinbekova N.A.	
Candidate of Medical Science, docent	Momynova T.Z.	
Representative of practical healthcare	Erejepov E.	
Resident of the educational program "Psychiatry (adult, child)"	Okroadze O.	
Minutes of the department meeting № 6 from «15» «01» 2024 year		
<b>It was discussed at the meeting Educational Programs Committee (EPC) of residency</b>		
<b>Chairman of the Committee of Educational Programs</b> Protocol No. 5 dated 26.01.2024	Kauyzbai Zh.A.	
<b>Agreed at the Clinical Council</b>		
<b>Chairman of clinical board</b> Protocol No. 8 dated 29.01.2024 year	Kauyzbai Zh.A.	
<b>Agreed by the First Vice-Rector of JSC SKMA, First Vice-Rector of JSC SKMA</b> Protocol No. _____ from 30.01.2024	Esirkepov M.M.	
<b>It was approved by Academic council</b> Protocol No. 14 dated 31.01.2024 year		



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<p>Department of Neurology, Psychiatry, Rehabilitation and Neurosurgery</p>			<p>044-56/11R page 1 of 3</p>
<p>Educational program «Psychiatry adult, child»</p>			

## Educational program passport

**1. Mission of educational program:** To be a recognized leader in competitive training, meeting the resident physician's need to achieve learning outcomes, providing the health care system and society with highly qualified psychiatrists.

**2. Purpose of educational program:** training of qualified, competitive personnel who meets modern requirements for the quality of physicians to perform independent professional activities as a psychiatrist.

### **Objectives of educational program:**

1. advanced study and mastering the theoretical sections of psychiatry;
2. improving practical skills in modern principles of diagnosis, interpretation of the results of the examination from the position of evidentiary medicine;
3. individual performance of qualified medical care for various conditions and diseases.

### **3. Justification of the educational program:**

Psychiatry is a branch of medicine that studies mental illnesses related to a very special set of disorders. Mental illnesses occur even if the brain is healthy and there are no organic disorders (injuries, foci of infection, tumors, circulatory disorders). However, mental illness can be associated with organic pathology. An example here would be psychoses associated with age-related changes in the functioning of the brain. Characteristic of psychiatry are precisely those diseases in which the functioning of the psyche is clearly impaired (a person suffers for no reason, sits in a stupor, sees hallucinations, shows unmotivated aggression, believes that he is being watched, etc.). But psychiatry not only studies and classifies mental illnesses, but also treats them. The main treatment method used today in psychiatry is drug treatment. There is a field of pharmacology specifically designed to create cures for mental illness - psychopharmacology. Residency in psychiatry involves a more in-depth study of the systemic-functional principle of illuminating anatomical and physiological information about the nervous system, training in techniques for identifying individual symptoms (reflexes, tests, tests), in the light of new neurophysiological data, consideration of the organizations of brain function on a systemic principle, the values of neurotransmitters and neuropeptides, conducting modern methods of additional research of psychiatric patients, including radionuclide methods, computed tomography nuclear magnetic resonance, as well as studying the problems most often encountered in the practice of a psychiatrist - vascular diseases of the nervous system, infectious and inflammatory diseases, epilepsy and other convulsive syndromes, diseases of the peripheral nervous system.


### **4. Professional standard on the basis of which the educational program was developed:**

According to the Order of the Minister of Health dated January 25, 2024 No. 46 "On approval of professional standards in the field of healthcare."

### **5. Area of professional activity.** Healthcare

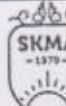
**6. Objects of professional activity.** Medical organizations providing inpatient and outpatient care, healthcare systems of the Republic of Kazakhstan.



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### General information

No	Field name	Notes
1	Registration number	7R01100267
2	Code and classification of the field of education	7R01 Health care service (medicine)
3	Code and classification of training program	7R011 Health care service
4	Group of educational programs	R013 Psychiatry, including child psychiatry
5	Name of educational program	7R01113 Psychiatry, including child psychiatry (residency)
6	Type of EP	NEW EP
7	Level due to International Standard Classification of Education (ISCE)	7
8	Level due to National Qualifications Framework (NQF)	7
9	Level due to Sectoral Qualification Framework (SQF)	7
10	Definitive aspects of EP	None
11	List of competencies	<p>KK1. Able to formulate a clinical diagnosis, assign a treatment plan, and evaluate its effectiveness based on evidentiary practice at all levels of psychiatric care for patients with nervous system disorders.</p> <p>KK2. Able to interact effectively with the psychiatric patient, his or her environment, and health care professionals to obtain the best possible outcomes for the patient.</p> <p>KK3. Able to evaluate risks and use the most effective methods to ensure a high level of safety and quality of mental health care.</p> <p>KK4. Able to act within the legal and organizational field of the healthcare system of the Republic of Kazakhstan in the specialty "Psychiatry and child psychiatry," provide basic care in emergency situations, work as part of multi-professional teams to implement policies to improve the health of the nation</p> <p>KK5. Able to formulate appropriate research issues, critically evaluate the professional literature on psychiatry, make the best use of international databases in their daily activities, and participate in research team work.</p> <p>KK6. Able to train individually and to train other members of professional team, to take active part in discussions, conferences and other forms of continuous professional development in the field of psychiatry.</p>
12	Results of training	LO1 Patient Supervision: able to formulate a clinical diagnosis, prescribe a treatment plan, and evaluate its effectiveness based on evidence-based practice at all levels

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		<p>of psychiatric care for patients with mental and behavioral disorders.</p> <p><b>LO2</b> Communication and Collaboration: able to effectively interact with the psychiatric patient, his environment, health professionals in order to achieve the best results for the patient.</p> <p><b>LO3</b> Safety and Quality: able to assess risks and use the most effective methods to ensure a high level of safety and quality of mental health care.</p> <p><b>LO4</b> Public Health: able to act within the legal and organizational framework of the health system of the Republic of Kazakhstan in the specialty "Psychiatry adult, children", to provide basic assistance in emergency situations, to work as part of multi-professional teams to implement the policy of strengthening the health of the nation.</p> <p><b>LO5</b> Research: able to formulate adequate research questions, critically evaluate the professional literature on psychiatry, effectively use international databases in his daily activities, and participate in the work of the research team.</p> <p><b>LO6</b> Training and Development: 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 psychiatry.</p>
13	Mode of study	Full-time
14	Language of study	Kazakh and Russian
15	Credit value	140
16	Training period	2years
17	Awarded academic degree	Doctor-psychiatrist (adult, child)
18	Availability of attachment to license for staff training program	KZ 22BFA00167288
19	Availability of EP accreditation	yes
	Name of accreditation body	IAAR
	Duration of accreditation	Certificate № 4360 10.06.2022г.-09.06.2027ж.
20	Information about disciplines	Appendix 1.2

Appendix 1.1

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

	LO1	LO2	LO3	LO4	LO5	LO6
KK1	+	+	+			
KK 2		+		+		
KK3			+		+	



<b>KK4</b>				+		
<b>KK5</b>					+	
<b>KK6</b>						+

Appendix 1.2

### Matrix of achievability of competencies/learning outcomes


№	Matrix of achievability of competencies/learning outcomes Name of the discipline	Short description	CYC LE (PD)	Comp onent (MC, OC)	Number of credits.	Formed LO
1	Psychiatry, including children's inpatient care	Principles of organization of medical, social, and legal psychiatric care for the population of the Republic of Kazakhstan. Prospects for a systematic multidisciplinary approach in the provision of psychiatric care in hospital settings based on the principles of evidence-based medicine and modern achievements. Diagnosis, choice of treatment tactics, prognostic assessment and solution of issues of medical and social expertise in various mental disorders in a hospital setting.	PD	MC	80	LO1 LO2 LO3
2	Psychiatry, including children's outpatient clinics	Principles of organization of outpatient psychiatric care for the population of the Republic of Kazakhstan. Humanization of the psychiatric service. Structure and organization of mental health centers, offices, principles and procedure for establishing and removing dispensary supervision. Main functions and tasks. The procedure for examination, organization of observation, treatment, supervision and care. Legal basis of psychiatric examination, voluntary and involuntary hospitalization. Ethical aspects of the work of a psychiatrist.	PD	MC	50	LO2 LO3 LO4 LO6
3	Medical psychology	General and private medical psychology. Interdisciplinary connections with other psychological and medical sciences. The importance of psychological knowledge for the practical work of a doctor. The main issues of psychological support of the treatment process. Psychological aspects of	PD	MC	4	LO3 LO5 LO6

		drug and non-drug therapy. Implementation of individual, family, group psychological assistance and psychocorrection.				
4	Sexopathology	Principles of organization, legal bases of sexopathological care to the population of the Republic of Kazakhstan. Questions of normal and pathological psychophysiology of human sexual function. Etiology and pathogenesis of sexual disorders, clinical symptoms and syndromes, methods of treatment based on evidence-based medicine. Questions of forensic medical examination of sexual disorders.	PD	OC		LO1 LO5 LO6
5	Suicidology	Theoretical foundations of suicidal and auto-destructive behavior. Psychological and psychopathological aspects of suicide. Diagnosis, psychological assistance and prevention of suicidal and auto-destructive behavior based on the principles of evidence-based medicine. Primary, secondary, and tertiary prevention of suicidal behavior. Organizational aspects of the prevention of suicidal and auto-destructive behavior.	PD	OC	4	LO2 LO5 LO6

### The matrix of achievement of LO by various methods of training and assessment methods

The final results of the EP training	Assessment methods	Teaching and learning methods used
LO1 Patient Supervision: able to formulate a clinical diagnosis, prescribe a treatment plan, and evaluate its effectiveness based on evidence-based practice at all levels of psychiatric care for patients with mental and behavioral disorders.	Oral questioning, analysis of problems. Mini clinical exam. Checklist "Score 3600" for residents. Presentations.	CBL Literature review. Supervision of neurosurgical patients, work with medical documentation.
LO2 Communication and Collaboration: able to effectively interact with the psychiatric patient, his environment, health professionals in order to achieve the best results for the patient.	Oral questioning, analysis of problems. Mini clinical exam. Checklist "Score 3600" for residents. Presentations.	CBL Literature review. Supervision of neurosurgical patients, work with medical documentation.
LO3 Safety and Quality: able to assess risks and use the most effective methods to ensure a high level of safety and quality of mental health care.	Oral questioning, analysis of problems. Mini clinical exam.	CBL Literature review. Supervision of neurosurgical patients,



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	Checklist "Score 3600" for residents. Presentations.	work with medical documentation.
LO4 Public Health: able to act within the legal and organizational framework of the health system of the Republic of Kazakhstan in the specialty "Psychiatry adult, children", to provide basic assistance in emergency situations, to work as part of multi-professional teams to implement the policy of strengthening the health of the nation.	Oral questioning, analysis of problems. Mini clinical exam. Checklist "Score 3600" for residents. Presentations.	CBL Literature review. Supervision of neurosurgical patients, work with medical documentation.
LO5 Research: able to formulate adequate research questions, critically evaluate the professional literature on psychiatry, effectively use international databases in his daily activities, and participate in the work of the research team.	Oral questioning, analysis of problems. Mini clinical exam. Checklist "Score 3600" for residents. Presentations. Portfolio .	CBL Literature review. Supervision of neurosurgical patients, work with medical documentation.
LO6 Training and Development: 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 psychiatry.	Oral questioning, analysis of problems. Mini clinical exam. Checklist "Score 3600" for residents. Presentations. Portfolio.	CBL Literature review. Supervision of neurosurgical patients, work with medical documentation.

### Work plan for the entire training period

#### Residents' workplan for the 7R01113 «Psychiatry (adults, children's)» educational program

Cycle disciplines	Discipline code	Name of the discipline/ modules	Amount of credits	General hours	class room	RIC		1 year of study	2 year of study	The form of control	FE
						CPPH	RTIC				
PD		<b>CYCLE OF PROFILING DISCIPLINES</b>	138	4140							
PD		<b>Mandatory component</b>	134	4020							





MC	R-PCOC	Psychiatry, including children's outpatient clinics	50	1500	300	1050	150	30	20	Exam		
		R-PCIC	Psychiatry, including children's inpatient care	80	2400	480	1680	240	40	40	Exam	
		R-MP	Medical psychology	4	120	24	84	12		4	Exam	
	OC	Optional component		4	120	24	84	12		4		
		R-SP	Sexpathology/	4	120	24	84	12		4	Exam	
	R-Sui	Suicidology										
TOTAL				4140	828	2898	414*					
IC	INTERMEDIATE CERTIFICATION											
FE	FINAL EXAMINATION		2	60					2		60	
TOTAL			140	4200	828	2898	414	70	70		60	