



**Marat Ospanov**  
**West Kazakhstan Medical University**

**DEPARTMENT OF NEUROLOGY**



Department of Neurology of Marat Ospanov WKMU  
was founded in 1961.

**Head of the department – PhD, ass. professor Yermagambetova A.P.**

**Department staff:**

- doctor of medical sciences, professor Kabdrakhmanova G.B.
- docent, PhD Khamidulla A.A.,
- assistant, PhD Utegenova A.B.,
- assistant Urasheva Zh.U.



## Residency:

The Department of Neurology has introduced a 2-year residency program in the specialty “Neurology adult and child” since 2014.

Currently studying at the department  
2-nd year -17 residents and  
1-st year - 34 residents.

Resident graduates work as neurologists in Aktobe, Atyrau, Mangistau, West Kazakhstan and Kyzylorda regions, in the cities Astana and Almaty.



# Residents work under the guidance of clinical mentors





# Traveling residency





# Our graduates



# Achievements of our residents



«МАРАТ ОСПАНОВ АТЫНДАҒЫ  
БАТЫСҚАЗАҚСТАН МЕДИЦИНА  
УНИВЕРСИТЕТІ» КеАҚ



NJSC «MARAT OSPANOV  
WEST KAZAKHSTAN MEDICAL  
UNIVERSITY»»

# Specialty 7R01143 - “Therapeutic dentistry”

Level of training: residency



# Purpose of the program

Preparation of the specialist possessing theoretical knowledge and practical skills on the issues of organization of therapeutic stomatology, mastered practical skills of diagnostics and treatment of main stomatological diseases, mastered methods of therapeutic treatment at various diseases according to principles of evidentiary medicine and modern achievements of treatment-diagnostic technologies.

# Educational program passport

Degree/qualification awarded	Dentist-therapist
List of specialist positions	Dentist-therapist
Area of professional activity	Government bodies, medical organizations, organizations of education, science, social protection, health insurance, pharmaceutical enterprises and companies, agencies for ensuring the quality of healthcare services, public and professional associations, etc.
Functions and types of professional activities	Residents in the specialty “Therapeutic Dentistry” can perform the following types of professional activities: <ul style="list-style-type: none"><li>- therapeutic and prophylactic,</li><li>- diagnostic,</li><li>- research,</li><li>- sanitary and hygienic.</li></ul>

# Modules catalog

Cycle/ component	Discipline code	Module components (name of disciplines included in the module)
ПДО	ZPP	Module “Pulp and periodontal diseases”
ПДО	ZPZ	Dental pulp diseases
ПДО	ZabP	Periodontal diseases
ПДО	ZTTZ	Module “Diseases of dental hard tissues”
ПДО	ZTTZKP	Diseases of hard dental tissues of carious origin
ПДО	ZTTZNP	Diseases of hard dental tissues of non-carious origin
ПДО		Module “Diseases of periodontal and oral mucosa”
ПДО	ZP1	Periodontal diseases 1
ПДО	ZP2	Periodontal diseases 2
ПДО	ZSO	Diseases of the oral mucosa
ПДО	LAVPR	Local anesthesia for therapeutic interventions in the oral cavity
КВ		Component of choice

## Personnel composition

Kurmanalina M.A.	PhD, Head of the Department of Therapeutic and Prosthetic Dentistry
Sultanova G.D.	Candidate of Medical Sciences, associate professor of the department
Amantaeva M.R.	Master of Medical Sciences, Department Assistant
Abasheva G.A.	Department Assistant
Urazalina M.M.	Department Assistant

# Training base

Educational and practical classes of residents are held in therapeutic rooms at the dental clinic of Marat Ospanov West Kazakhstan Medical University.





# Marat Ospanov Western Kazakhstan Medical University

Department of Microbiology, Virology and Immunology

**Adult and paediatric allergology and immunology**

Specialty of the residency 7R01103

**Programme objective:** in-depth training of doctors in residency to work independently in providing specialised allergological and immunological care in accordance with the principles of evidence-based medicine and modern achievements of therapeutic, diagnostic and pharmaceutical technologies.

## **Learning outcomes:**

**LO1** - To know modern ideas about etiology, pathogenesis, prevention, clinical symptomatology, classification, differential diagnosis of immunological and allergic diseases. Able to interpret the results of a comprehensive examination of a patient, formulate a conclusion, and develop recommendations.

**LO2** - Able to formulate a clinical diagnosis, prescribe a treatment plan and evaluate its effectiveness based on evidence-based practice at all levels of health care delivery.

**LO3** - Able to participate in research activities, formulate research questions, analyse scientific databases, draw conclusions and apply findings to their clinical practice.

**LO4** - Able to use information and communication technologies in professional activities and comply with the rules of information security, to interact effectively with the patient, his/her environment, health care professionals in order to achieve the best results for the patient.

**LO5** - Able to carry out and monitor the effectiveness of medical rehabilitation measures for diseases and (or) conditions, including the implementation of individual rehabilitation programs.

**LO6** - Able to participate in the provision of emergency medical care for conditions requiring urgent medical intervention.

**LO7** - Capable of conducting preventive medical examinations, medical examination and medical supervision.

**LO8** - Able to study independently, teach others, participate in discussions, conferences and other forms of continuous professional development.

## **Responsible for the implementation of the program:**



**Kurmangalieva Saulesh Seitzhanovna** – PhD, Associate Professor, Head of the Department of the Microbiology, Virology and Immunology, allergologist-immunologist. Co-author of the 8 textbooks, 12 methodological recommendations. Has a patent for an invention. Has certificates of implementation of innovative teaching methods in the educational process, author of scientific publications, books, monographs. She was awarded the badge “Excellent Student of Healthcare of the Republic of Kazakhstan”.



**Khairullina Zamza Saifullovna** - Candidate of Medical Sciences, Associate Professor of the Department of Microbiology, Virology and Immunology, allergologist of the highest qualified category, chief freelance allergist of the Aktobe region Medical Institution, accredited independent expert in the specialty "Allergology and Immunology", head of the Regional Center of Allergology and Respiratory Medicine. She has Government awards: the Shapagat medal, the badge "Excellent Health Worker of the Republic of Kazakhstan". She is the author of scientific publications, books, and monographs.



# Residency bases Allergology and immunology adult and children



The Department of Microbiology, Virology and Immunology of the Marat Ospanov ZKMU implements the residency training program "Allergology and Immunology for Adults and Children", classes and lectures are held using innovative teaching methods.

## Regional Center of Respiratory Medicine and Allergology.

The Center has an inpatient department with 40 beds (20 allergological beds and 20 pulmonological beds), to provide emergency and planned care to patients with allergies and bronchopulmonary diseases, an allergist's office for the reception of the adult population: advisory and diagnostic services, examination, specific allergy tests, allergen-specific immunotherapy.



# SCIENCE, CLINIC, EDUCATION



In the regional center of respiratory medicine and allergology, residents undergo clinical training: joint rounds of patients with the head of the Center, Ph.D. Khairullina Z.S., conduct wards with allergopathology of patients, interpret the results obtained, prescribe a plan for examination and treatment of patients. The Allergocenter participates in consultations on rare allergic and immunological diseases.

**The staff of the department, resident allergologists and immunologists are active members of the West Kazakhstan Association of Allergologists, Immunologists and Pulmonologists.**



Resident allergologists and immunologists are engaged in research activities, have theses and articles, participate in International competitions for young scientists, and take prizes.

**The department conducts grant-funded research in the field of immunology, there are master's and doctoral programs.**



**Марат Оспанов атындағы  
Батыс Қазақстан медицина университеті**



**Западно-Казакстанский медицинский  
университет имени Марата Оспанова**

**West Kazakhstan Marat Ospanov Medical University**

**Department of Internal Diseases №2**

**Residency in the specialty  
7R01110 – «Cardiology (adult and children)»**

**Aktobe, 2024**



# Department of Internal Diseases №2

## Residency in "Cardiology (adult and children)"



### Кураторы резидентов-кардиологов



Head of the Department, PhD, Assoc.Prof.  
Gulnara Kurmanalina



Professor, PhD  
Bekbolat Zholdin



Professor, PhD  
Saule Seitmagambetova

13

Full-time lecturers at the department

10

PhD doctors

9

Clinical mentors

3

Educational manuals for 5 years

2,5

Average H-index of employees in Scopus



Assoc.Prof., PhD  
Iliada Talipova



Assoc.Prof., PhD  
Zhenisgul Tlegenova



Assoc.Prof., PhD  
Nurtan Yeshniyazov



Assit.Prof., PhD  
Vadim Medovchshikov



The Trinity of Education



Academic and problem lectures

Practical session

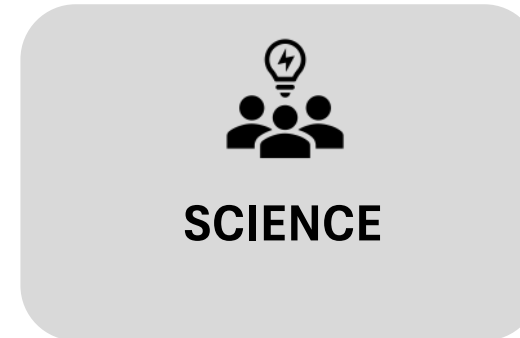
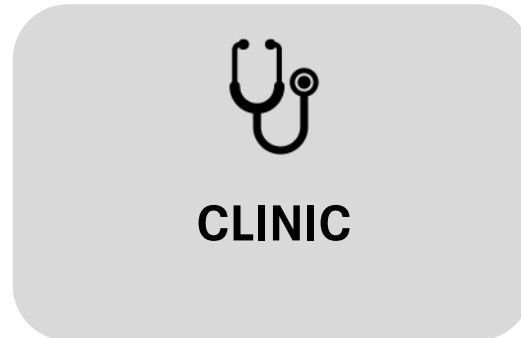
Clinical reviews

Clinical exams

Conferences

Researches

Secondments





# Department of Internal Diseases №2 – Residency in "Cardiology (adult and children)"

## Training

Professor's lectures on problems

Lectures by associate professors

Clinical conferences

Professors and Assoc.Prof. Clinical exams

Clinical reviews

Practical sessions

Patient management

Mastering the special skills of a cardiologist

Simulation training

Tests, exams and certification

"Visiting Professor"

Academic mobility





# Department of Internal Diseases №2 – Residency in "Cardiology (adult and children)"

## Clinic

### The main clinic

The Cardiology Center of the Marat Ospanov West Kazakhstan Medical University

Cardiology Cardiac Intensive Care Angiography Cardiac Surgery ECG Echocardiography

1451 hospitalizations to the Cardiology department

557 coronary angiography in ACS

200 open heart surgeries

Clinical bases: Adult and children's multidisciplinary clinics

Visiting residency: medical institutions of Uralsk, Atyrau, Aktau

Free access to the clinic

Training and work under the guidance of a curator and a mentor doctor



Arysplayeva G.  
Head of Cardiology



Teleuov D.  
Head of angiography



Toygulova G.  
Head of Cardiac ICU



Kasymov B.  
Head of Cardiac Surgery



Yusupova S.  
doctors of functional diagnostics



Denisenko L.





# Department of Internal Diseases №2 – Residency in "Cardiology (adult and children)"

## Science

### International studies

NCD Risk Factor Collaboration  
ESC HF III Registry  
EUROASPIRE V, EUROASPIRE VI

### Scientific grants

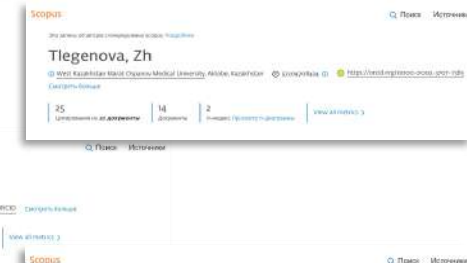
- «Development of a program for early diagnosis and treatment of cardiotoxic complications caused by chemotherapy for breast cancer»
- «Study of outcomes in patients with myocardial infarction and factors affecting them»
- «The elemental status of the population of the Western region of the Republic of Kazakhstan»

### Publications and reports for 5 years

30 articles in Scopus/WoS  
34 abstracts  
35 presentations at scientific conferences  
10 resident Conference winners

### Doctors and Magisters

4 PhD students, 3 masters







**West Kazakhstan Marat Ospanov Medical  
Unversity**

**RESIDENCE TRAINING IN CLINICAL  
PHARMACOLOGY  
7R01142**



# MISSION

*To prepare highly qualified specialist clinical pharmacologist for an independent consultative medical care to patients and medical workers on issues of rational use of medicines, therapeutic and economic feasibility of assigned drugs based on the principles of evidence-based medicine based on their clinical and pharmacological characteristics, severity of disease patient age, genetic background, allergic history, laboratory and instrumental research data*



# Learning Outcome

...is able to

**LO 1** advise doctors on the use of medicines from the standpoint of evidence-based medicine

**LO 2** conduct clinical and pharmacological examination of drug therapy of patients

**LO 3** perform work on monitoring, registration and analysis of adverse drug reactions

**LO 4** advise doctors on the rational choice of anti-infective drugs

**LO 5** formulate a dosage form in the department / unit of the institution

**LO 6** оказывать advise patients on the effective and safe use of medicines

**LO 7** have teamwork and leadership skills, train others

**LO 8** analyze information from scientific databases (Pubmed, Web of Science, Scopus, Elibrary)

# Professors and teachers of the Department of Pharmacology, Clinical Pharmacology

## **SMAGULOVA GAZIZA**

Head of the department: associate  
professor, candidate of medical sciences



## **MUSSINA AIGUL**

PhD





# Научные проекты кафедры

- Development of an independent register and evidence-based proposals for the diagnosis and treatment of acute coronary syndrome (ACS) in Aktobe and the Aktobe region (2011-2013)
- Genetic determinants of response to clopidogrel in residents of the Aktobe region (2013-2016)
- Evaluation of the impact of educational interventions on the state of the Pharmacotherapy in emergency hospital (2014-2017)
- Studying the significance of polymorphic gene variants associated with the effectiveness and safety of anticoagulant therapy with warfarin in the Kazakh population (2019 - 2020)
- Concomitant bacterial infections and pharmacoepidemiology of antibiotic resistance in patients with COVID-19: the situation in the Aktobe region (2022-2023)

# Training of forensic specialists

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**JSC "West Kazakhstan Medical University named after Marat Ospanov"**

**Dean's office of postgraduate education**

**Responsible for the Resident Programme –  
S. Rakhmanov**

# *Types of forensic examination*

**The main part of the general expertise: Expertise of living persons  
(2023, 3086 experts (26.9%))**

**Examination of the  
corpse. (2023 1232  
examinations (10.6%))**

**Forensic-biological  
examination (2023: 228  
(1.97 per cent))**

**forensic histological  
examination (2023,764  
(6.6 per cent))**



**Complex examinations(224  
examinations in 2023  
(1.94%))**

**Toxicological examination  
(by 2023, 1193 examinations  
(10.3%))**

**Forensic  
psychiatric/narcological  
(1,130 examinations in 2023  
(9.76%))**

**medical Criminology in 2023,  
3721 examinations (32.1%)**

*The above information is obtained from the report of medical examinations in the production of the Aktobe Interregional Center for Forensic Examinations by 2023.*

# About the forensic medical specialty

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**What is the purpose of a forensic medical examination?**

**The successful disclosure or correct definition of criminal activity directed against a person's life, health, personal dignity and qualities is the main thing, timely and qualified primary investigation and directly depends on the level at which the initial investigation was conducted.**

**Forensic Medical Expert,**  
**the sphere that contributes to the correct and objective course of the judicial process or investigative actions answers only the questions posed by the investigative authorities.**

**In 2021, a residency in the specialty 7R001134 - "Forensic medical examination" was opened. A bilateral memorandum has been signed with the university**

***RSE of Aktobe Interregional Center of Forensic Examinations***

**Republican Alliance of Independent Forensic Expertise and Specialized Research**



# *Training and work plan for residency*

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**Module. Legal foundations of forensic medicine (7 credits):**  
**Procedural and organizational issues of the forensic medical service**  
**Forensic medical examination in cases of professional offenses of medical workers**

**Module. General expert examination (95 credits):**  
**Forensic medical examination of a corpse**  
**Damage and death from various types of external influences**  
**Forensic medical examination of living persons**  
**Forensic medical examination of histological objects**

**Module. Laboratory research (30 credits):**  
**Medical-forensic and photographic research methods in forensic medicine**  
**Forensic medical examination of biological objects**  
**Chemical and toxicological studies of objects of forensic medical examination**

**Component of choice (4 credits)**

**Intermediate certification (2 credits)**

**Final certification (2 credits)**

# Информация о резидентах



1. Otessin Mahmutsultangali
2. Gazim Smagulov
3. Mambetov Kairzhan
4. Yeskali Khaknazar

Every year - a traditional thematic «Forensic medicine day»

2 field seminars were held

21 scientific articles have been published (including a report)

Completed a 36-hour refresher course

2 interviews were given on the RIKA TV channel

1 implementation into practice (methodological recommendation)

# *Cadaver center based on the department*

**The Department of Normal and Topographic Anatomy has modern DISSECTION ROOMS and a CADAVER CENTER**

*Forensic medical examination of the corpse*



**Coverage of expert mentors (integration type) at practice sites**



*Conducting other types of examinations*



# Information about residents



*Types of examinations, and their conduct*



*Investigative experiment*



# *Residency program*

7R01134 - "Forensic medical examination". The duration is 2 years. The volume is 140 credits (4,200 hours).

JSC "West Kazakhstan Medical University  
named after Marat Ospanov"

*The Republic of Kazakhstan, Aktobe city,  
Maresyeva, 68  
Dean's Office of Higher Postgraduate Education*



*Department of Normal and Topographic Anatomy with Operative Surgery, responsible –  
Sapargali Rakhmanov, **Candidate of Medical Sciences, Associate Professor**  
[srrakhmanov@gmail.com](mailto:srrakhmanov@gmail.com)  
+77052284684*



**Marat Ospanov West Kazakhstan Medical University**

**Department  
of Internal Medicine №1**

**RESIDENCY**

**«Rheumatology  
adults, pediatric»**



# Personnel potential of the department

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The Department of Internal Medicine № 1 employs: 4 professors; 2 associate professors, 7 assistants, 1 office manager.

The science degree of the department is 50.0%. 7 out of 13 teachers have the highest qualification category.

## List of teachers and clinical mentors

№	Name	Position	Academic degree/academic title	Qualification category
1.	Bazargaliyev Ye.Sh.	Head of the Department of Internal Diseases №1	Candidate of Medical Sciences, Associate Professor	High
3.	Zhamankulova D.G.	Associate Professor (Docent)	Master of Medical Sciences	High
4.	Makashova M.S.	Assistant	Master of Medical Sciences	First
5.	Karatayeva Zh.S.	Assistant	-	Second
6.	Aliyeva M.B.	Clinical mentor	Chief freelance rheumatologist of the region	High

# Educational activities

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<b>Speciality</b>	Rheumatology adults, pediatric
<b>The duration of the study</b>	2 year
<b>Qualification</b>	Rheumatologist (adult), rheumatologist (child)
<b>Disciplines to be mastered</b>	Inpatient rheumatology, adult, Outpatient rheumatology, adults, Inpatient rheumatology, pediatric, Outpatient rheumatology, pediatric and elective component

## **The educational program of the residency contains:**

- theoretical training, including the study of basic and core disciplines: (lectures, practical classes, carried out in two forms: theoretical training - seminars, clinical and theoretical analyses, work in small groups, discussions; clinical training - patient supervision in the hospital, outpatient admission, night shifts with report, participation in consultations);
- final control at the end of each discipline;
- intermediate certification at the end of one academic period (semi-annual, annual final with transfer to the next year of study);
- the final state certification in the specialty at the end of the residency.



# Clinical bases

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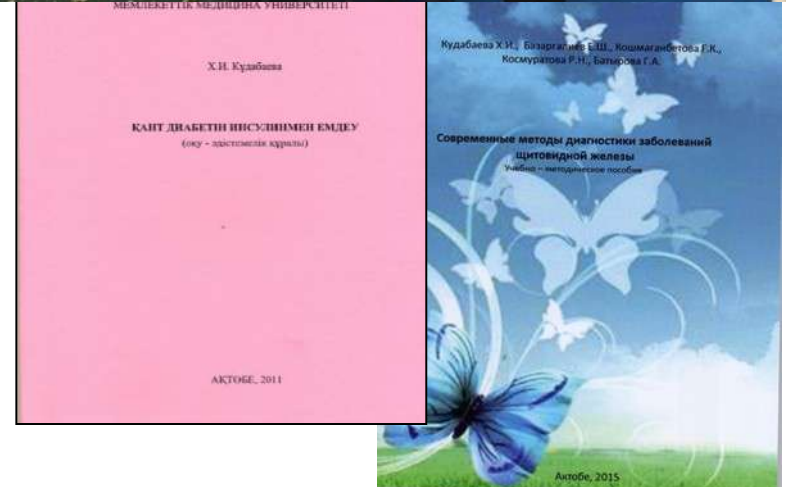
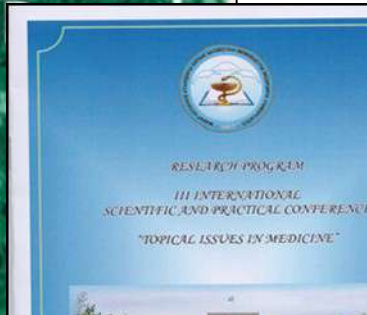
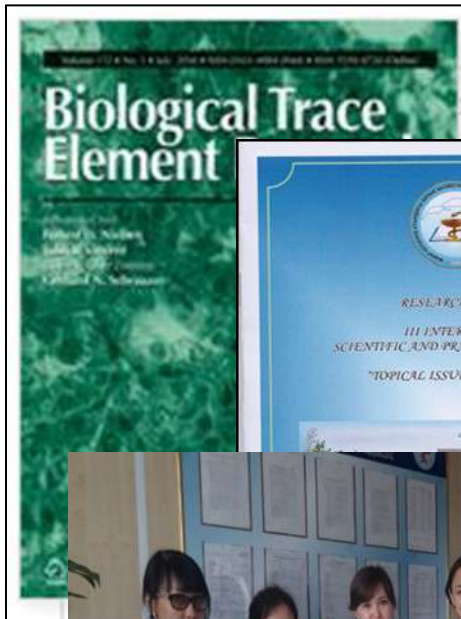
The Department of Internal Medicine No. 1 is located on the basis of the Aktobe Medical Center.

AMC is one of the largest and most equipped hospitals in the region, which has modern medical equipment, highly qualified specialists and advanced technologies in the field of medicine. The hospital has rheumatology beds, patients with all rheumatological nosologies are hospitalized, and highly specialized medical care (including genetically engineered therapy) is provided to them. In addition to the main base where the department is located, training takes place on the basis of the AODB, where children's patients are hospitalized, as well as in polyclinic organizations.



# Research work

Residents are involved in the research work of the department, participate in international scientific conferences with a report, publish articles and theses





**Marat Ospanov West Kazakhstan Medical University**

**Department  
of Internal Medicine №1**

**RESIDENCY**

**«Endocrinology  
adults, pediatric»**



# Personnel potential of the department

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3.	Kudabayeva Kh.I	Professor	Candidate of Medical Sciences, Associate Professor	High
4.	Kosmuratova R.N.	Associate Professor (Docent)	PhD	High
5.	Makenova K.Zh.	Clinical mentor	Head of the Department of Endocrinology	High
6.	Kalzhanova M.Zh.	Clinical mentor	Chief freelance pediatric endocrinologist of Aktobe region	High
7.	Ihsanova A.I.	Clinical mentor	Endocrinologist adult, pediatric	First
8.	Esmuratova A.	Clinical mentor	Endocrinologist adult, pediatric	First

# Educational activities

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<b>Speciality</b>	Endocrinology adults, pediatric
<b>The duration of the study</b>	2 year
<b>Qualification</b>	Endocrinologistt (adult), Endocrinologist (child)
<b>Disciplines to be mastered</b>	Internal diseases, Children's diseases, Inpatient endocrinology (adults), Outpatient endocrinology (adults), Inpatient endocrinology (children), Outpatient endocrinology (children), Reproductive endocrinology, Highly specialized endocrinology, Radiation and radioisotope diagnostics, Elective component

## **The educational program of the residency contains:**

- theoretical training, including the study of basic and core disciplines: (lectures, practical classes, carried out in two forms: theoretical training - seminars, clinical and theoretical analyses, work in small groups, discussions; clinical training - patient supervision in the hospital, outpatient admission, night shifts with report, participation in consultations);
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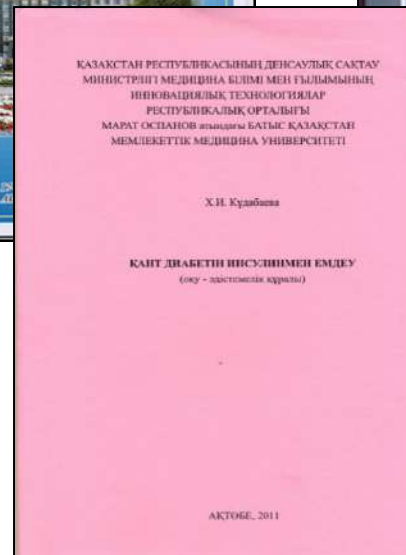
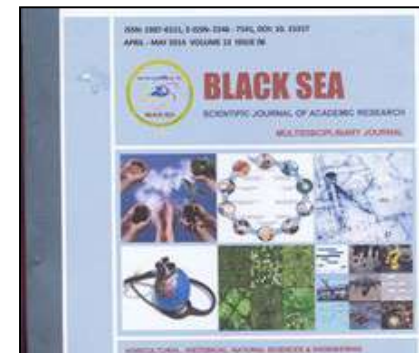
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# Research work

Residents are involved in the research work of the department, participate in international scientific conferences with a report, publish articles and theses.

Employees of the department are published in leading specialized journals in the Thomson Reuters, Scopus, RSCI databases, in CIS journals, and the Higher Attestation Commission of Kazakhstan.





## West Kazakhstan Medical University named after Marat Ospanov

Department of Pathological Anatomy and Forensic Medicine.

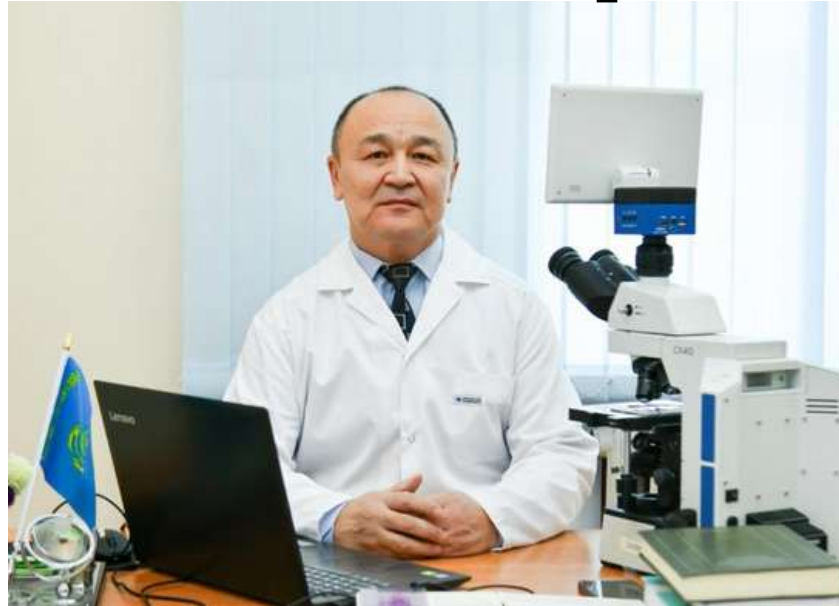
**7R01150«Pathological anatomy»**

***The purpose of the program:*** is to train a pathologist with a system of general cultural and professional knowledge, skills and competencies, who meets the qualification requirements for the specialty and has the right to independently conduct autopsy and biopsy work in medical institutions of the healthcare system, ready for continuous improvement of his professionalism.





# Responsible for implementing the program:



***Kaliev Abdiraman Rsalievich*** - Candidate of Medical Sciences, Associate Professor, Head of the Department of "Pathological Anatomy and Forensic Medicine" pathologist of the highest category. Author of a monograph, 2 textbooks. manuals. Has 12 author's certificates, is the author of more than 80 scientific papers, 10 of them are in the review journal Scopus. in the review journal Scopus. She is the author of 5 acts of implementation in clinical work and interactive methods of implementation in the educational process. interactive methods of implementation in the educational process. Participates in scientific and technical projects, funded by the Ministry of Science and Higher Education. Expert on maternal mortality according to the Ministry of Health. According to the results of a survey of students in the network Instagram, was awarded the title "Best Lecturer". Awarded with the badge of the Ministry of Health of the Republic of Kazakhstan "Densaulyk saktau isine kockan ylesi yshin". For his great contribution to the development of national healthcare he was awarded the breastplate "I.I. Pirogov".



***Akhmetova Saule Zhumabaevna*** - Candidate of medical sciences, associate professor of the department of "Pathological anatomy and forensic medicine" doctor cytologist. The author of more than 35 scientific works, 9 in Scopus, 3 in CCSES, has 3 acts of introduction in the educational process, in clinical work and interactive teaching methods in the educational process, 10 author's certificates. She supervises scientific works of students at international scientific-practical conferences. She was awarded the badge "Best Employee" of the Association of Emergency Medical Care of the Republic of Kazakhstan and "Certificate of Honor" of the Ministry of Health of the Republic of Kazakhstan.



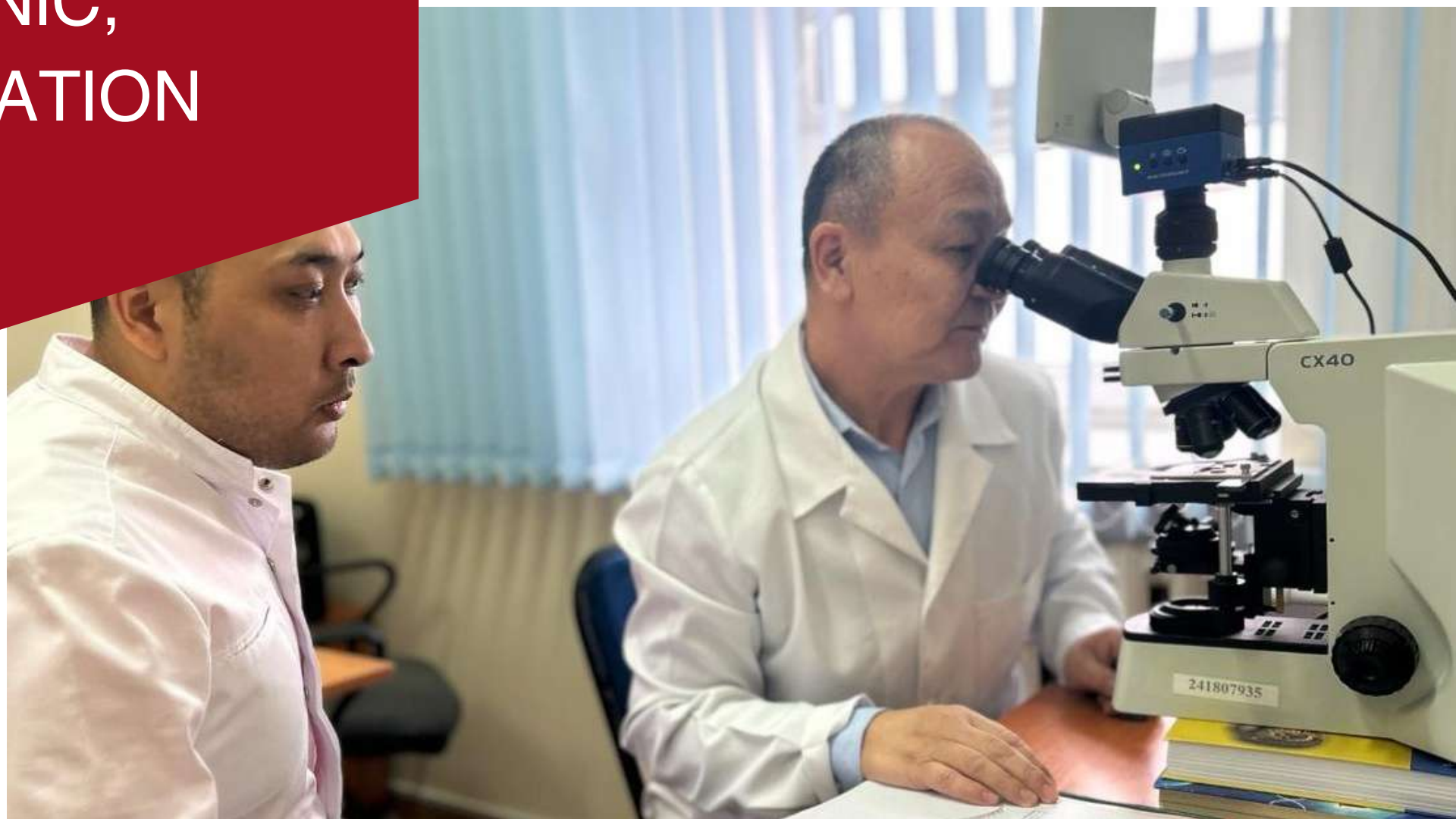
***Ramankulova Aigul Bulatovna*** - M.M.S., associate professor of the Department of Pathological Anatomy and Forensic Medicine, pathologist. She is the author of more than 35 scientific works, 12 acts of introduction in the educational process, 2 acts of introduction in clinical work, 5 acts of introduction of interactive methods in the educational process, textbook, has 10 author's certificates. She was awarded the "Certificate of Honor" of the Minister of Health of the Republic of Kazakhstan, and badge "For the contribution of student scientific society".



**Clinical training is conducted at the Regional Pathology Bureau of Aktobe, where autopsies, studies of surgical and biopsy materials are performed, exposing a pathoanatomical diagnosis, as well as cytological smear tests to detect malignant tumors**



SCIENCE,  
CLINIC,  
EDUCATION





# Residency in Infectious Diseases for Adults and Children



# Relevance of Infectology:

- The field specializes in diagnosing, treating, and preventing infectious diseases, including HIV, hepatitis, measles, malaria, influenza, COVID-19, etc. Infectologists play a crucial role in saving lives and preventing outbreaks and pandemics.
- Global Threats: With new infectious agents and globalization, the spread of infections is faster and more complex. Infectologists are key in identifying, controlling, and treating new infectious threats.
- Vaccination and Immunization: Infectologists are involved in developing, testing, and implementing vaccines, one of the most effective ways to prevent infectious diseases.

# CLINICAL BASES

- Regional Clinical Infectious Diseases Hospital
- Hepatological Center
- Aktobe Medical Center
- MC WKSMU named after Marat Ospanov
- Phthisiopulmonological Center JSC
- Multidisciplinary Regional Hospital
- Department of Sanitary and Epidemiological Control
- Polyclinics of Aktobe
- Infectious diseases departments of the CRH
- Health facilities of the West Kazakhstan region, Atyrau, Mangystau and Kyzylorda regions





The head of the department professor, chief freelance infectious disease specialist, hepatologist of Aktoobe region Meirambek Sagnaevich Kurmangazin



**The department is based in the Regional Clinical Infectious Diseases Hospital (43 Mira Street)**



# STAFF OF THE DEPARTMENT



Total number of employees – 13 (7 adults, 6 childhood infections)

3 associate professors, of which:  
3 c.m.s. 2 acting associate professors, 3 doctoral students

8 assistants (3 – adults, 5 – childish)



# From 2019 to 2024 prepared:



1 year

2019-2020 – 7 residents

2 year

2020-2021 – 43 residents

3 year

2021-2023 – 20 residents

# SCIENTIFIC WORK



International Congress of Infectious Diseases



Defense of the master's thesis



International Conference on Infectious Hepatology



Report at the International Congress of Infectious Diseases

# Clinical work



# Clinical laboratory diagnostics





The Department of Clinical Laboratory Diagnostics was formed by the order of the rector on 01.09.2020. The work of the department is aimed at developing knowledge and skills in clinical laboratory diagnostics and visual diagnostics. The purpose of the department is to organize educational, clinical, diagnostic and scientific activities of students.

Head of the department, PhD, associate professor **Gulnara Arystangaliyevna Batyrova**. Author of more than 35 scientific papers. Publications in international peer-reviewed scientific publications, indexed in authoritative databases of scientific information (Web of Knowledge, Scopus) - 11, cited scientific works - 9. H-index - 5. Speaks Russian, Kazakh, English.

# Teaching staff





Associate Professor of the Department, Candidate of Medical Sciences, doctor of the highest category, **Zhumagulova Sagira Seitkulovna**. Author of more than 20 scientific papers. Author of publications in international peer-reviewed scientific publications, patents for inventions. Experience in practical healthcare for 45 years.

# Residents master skills in Clinical laboratories at the Medical Center of the West Kazakhstan Medical University and the Regional Perinatal Center.





# Department of Clinical Laboratory Diagnostics together with the staff of the Clinical Diagnostic Laboratory





## Department of Internal Medicine No. 2

"NEPHROLOGY for  
adults, children"



# WHO data on kidney disease



According to WHO and International Nephrological Organizations and Societies, the number of patients with kidney diseases today is about 10 % of the world's population, and this pattern, unfortunately, is growing very fast. In most cases, we are talking about severe chronic diseases, which end with death or diseases that become chronic.



According to WHO experts, kidney diseases are recognized as the fifth "killer disease" after diseases of the cardiovascular system and diabetes. Moreover, chronic kidney disease (CKD) is a quiet, slow killer. After all, kidneys do not manifest themselves for a long time, a person has no complaints and, accordingly, there is no reason to consult a doctor. It is worth noting that impaired renal function is noted in every fourth patient with cardiovascular diseases.



## The purpose of education

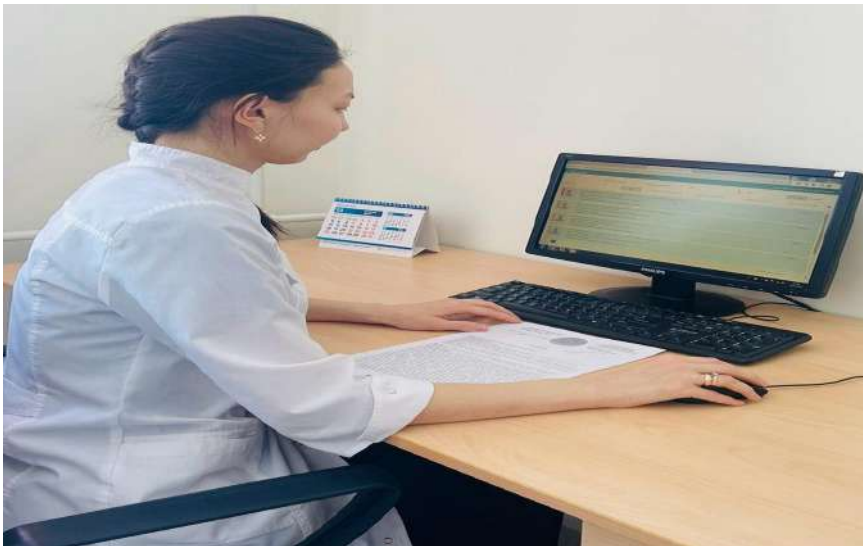
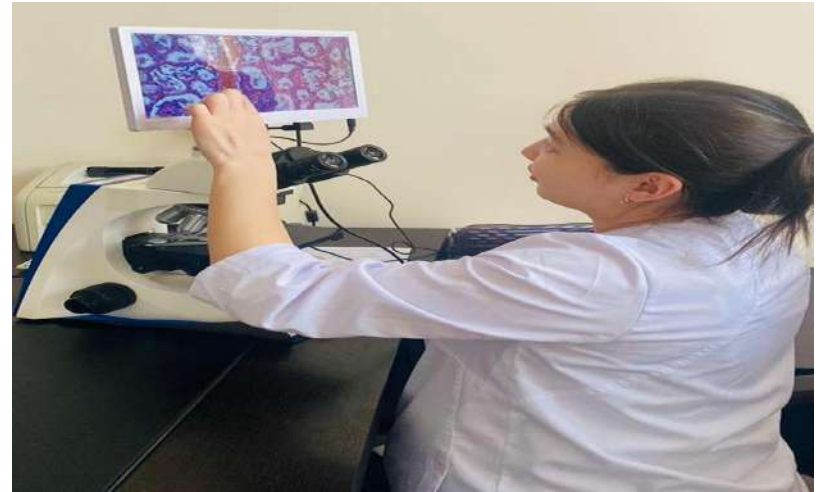
The educational program of specialty 7R01141 "Adult and children's nephrology" is aimed at training competitive specialists in the field of nephrology who are able to meet the needs of society in providing medical care, apply and develop advanced innovative technologies in practice and science, use the achievements of information and communication technologies, strengthen the health of the population

## Clinical bases

Residents of the specialty "Adult and children's Nephrology" study at various clinical bases: AMC, GP No. 2, Regional Pathology and Anatomical Bureau, MU "Asar", Regional Children's Clinical Hospital, dialysis centers in Aktobe, where specialized and highly specialized nephrological care is provided

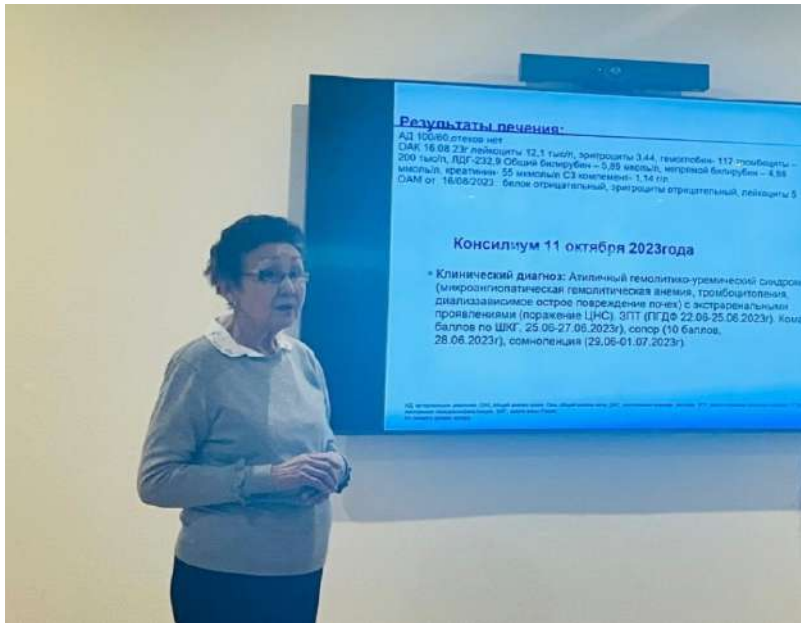


# The learning process



# Mastering professional competencies





Resident nephrologists take part in conferences on topical issues of clinical nephrology and dialysis. They are engaged in scientific activities, make presentations at scientific conferences with the results of scientific work



# Clinical bases





# Educational program of residency in the specialty 7R01130 "Pediatrics"

- ▶ The Department of Childhood Diseases No. 2 implements pilot studies in the specialty "Pediatrics."
- ▶ The program is designed for 2 academic years - 140 credits (4200 hours)
- ▶ Training is conducted in the following disciplines:
  - ▶ - Children's diseases hospital - 1
  - ▶ - Children's diseases hospital - 2
  - ▶ - Outpatient pediatrics
  - ▶ - Emergency Medical Emergency
  - ▶ - Component of choice
  - ▶ - Related disciplines (childhood infections, pediatric surgery, pediatric phthysiology, pediatric dermatovenerology)

# Faculty of the Department of Childhood Diseases No. 2

- ▶ PPS conducts training for residents with the introduction of innovative forms and methods of training into the educational process, means of activating cognitive activity: CBL, TBL, PBL, "standardized patient." Use of CPN to practice practical skills. Working in PubMed, MedLine search databases, etc. Supervision and examination of patients in the departments, night duty of residents with filling out the checklist and a report at the morning medical conference.



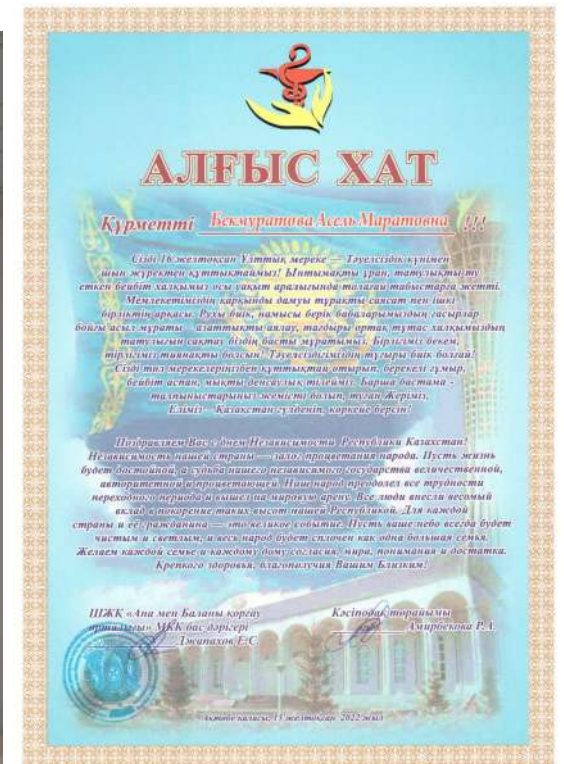
**The main clinical base of the Department of DB No. 2 is the Multidisciplinary Regional Children's Hospital, designed for 300 beds, where it turns out: - specialized, - highly specialized, - outpatient and polyclinic medical care for the children's population of Aktobe region and the Western region of Kazakhstan.**



Over the past 5-10 years, the department has published more than 400 scientific publications, published over 10 teaching aids and methodological recommendations. Over the years, the staff of the department received 4 pre-payments for election and a copyright certificate. To improve the quality of the educational process and the exchange of experience in educational and methodological work, visiting professors were organized: Ph.D., Associate Professor, Dean of the Pediatric Faculty, Head of the Department of Faculty Pediatrics of the Federal State Educational Institution "Stavropol State Medical University" Ministry of Health of the Russian Federation Klimova L.Ya., Academician of the Russian Academy of Natural Sciences, Doctor of Medical, Professor, Head of the Clinical Department physiology, Professor of the Department of Pediatrics and Health Organization of the National Medical Research Institute Dmitry Rogachev Ministry of Health of the Russian Federation Delyagin V.M.



Residents actively participate in scientific conferences, clinic work, receive diplomas and thanks





**NJS company WKMU named Marat Ospanov  
7R01112**

**Dermatovenerology for adults, children**

The staff of the dermatovenerology course



Skin and Venereology Center



## Teaching

The course implements an educational residency program in the specialty "Adult and children's Dermatovenerology"

Responsible for the program: Head of the course of dermatovenerology, associate professor, Candidate of Medical Sciences Iztleuova Gulmira Maratovna

Graduated with honors from the medical faculty of the Aktobe State Medical Academy in 1999. From 1999 to 2000, she completed an internship in dermatovenerology. From 2000 to 2002, she studied at the clinical residency in dermatovenerology at the Marat Ospanov State Medical University. From 2000-2003, she worked as a dermatovenerologist at the KVD. In 2010, she defended her PhD thesis on the topic "Nephroprotective effect of oil extracts of burdock root and nettle leaves in chrome-induced kidney damage in an experiment". She has published more than 100 scientific articles.





During the training period, students master the sections of the program for the provision of specialized care to patients with dermatovenerological profile in outpatient, day and night hospitals. Under the guidance of mentors, residents observe sick adults and children, send them for examinations, and learn how to work with documentation.



Residents take an active part in the scientific work of the department, participate in the preparation and conduct of clinical conferences, attend scientific and practical events, forums, and symposiums.





**THE COURSE OF PSYCHIATRY AND NARCOLOGY  
DEPARTMENT OF NEUROLOGY, PSYCHIATRY AND NARCOLOGY**

**7R01113 - Psychiatry (adult, child and adolescent)  
residency program**



**The clinical bases of the course of “Psychiatry and Narcology” are the Aktobe Regional Mental Health Center, which is located in Zhanakonys village, building No. 4B., and outpatient facilities (local polyclinics) of Aktobe.**

**Aktobe Regional Mental Health Center is a multidisciplinary institution that provides qualified and highly specialized inpatient care in Aktobe city and for the residents of the whole Aktobe region. The Mental Health Center has 280 beds in psychiatry and 100 beds in narcology units.**

**The course of Psychiatry and Narcology** is a structural subdivision of the Marat Ospanov West Kazakhstan Medical University, which carries out educational, methodological, research, treatment and consulting activities in assigned disciplines, educational work among students, training and retraining of scientific and pedagogical staff, advanced training of the teaching staff and other activities.

The course of psychiatry and narcology has successfully passed the self-assessment within the framework of the initial specialized accreditation for residency.

The teaching staff that currently works in our department:

- \* Mr. Pavlenko Valeriy Petrovich – head of the course
- \* Mrs. Khamitova Zhanar Muratovna – associate professor of the course
- \* Mrs. Akhmetova Svetlana Akhantayevna - course assistant
- \* Mrs. Sabyr Laura Mendybayevna - course assistant
- \* Mr. Zainullin Stanislav Vladimirovich - course assistant



**All of our teachers are certified mental health professionals.**

- \* Starting in 2019 the course of "Psychiatry and Narcology" began to train residents in the discipline 7R01113 - "Psychiatry (adult, child and adolescent)" in a two-year program. Since the beginning of the training, 39 residents have become graduates, all graduates are sought-after specialists and successfully work in various regions of the Republic of Kazakhstan (Aktobe, Uralsk, Atyrau, Aktau, Kyzylorda).
- \* **Currently, there are 21 residents of the 1st and 2nd academic years studying at the course.**
- \* During the years of training, residents will form knowledge, skills and abilities on general questions of etiology, pathogenesis, prevention, diagnosis, differential diagnosis, treatment, rehabilitation of patients of different ages with mental illness and substance abuse, disorders related to stress and somatoform disorders and emergency care for urgent conditions in psychiatry and narcology.

Residents of the course, in addition to training, consult and supervise patients in the Mental Health Center, work on night shifts, morning reports, hospital meetings and conferences, and carry out primary prevention in various educational institutions of the city.

There is also a scientific club which is called "Mental Medicine" on our course. Residents participate in the research and development of the course, make reports at international scientific conferences.

Currently, the course with the help of residents is studying the level of cognitive functions in patients with epilepsy.

The course of psychiatry and narcology maintains close ties with the Department of Psychiatry, Narcology, Psychotherapy and Clinical Psychology and the Department of Psychiatry, Medical Psychology of the Orenburg State Medical University and the Department of Psychiatry, Narcology, Psychotherapy and Clinical Psychology of the Saratov State Medical University named after V.I. Razumovsky.



Thank you for your attention!





# **Department of Internal Medicine №1**

**Specialty: 7R011104 "Gastroenterology adults, pediatric"**

**Duration of study: 2 years**

**Qualification: Gastroenterologist (adult),  
Gastroenterologist (pediatric)**

**From 2014 to the present, the Department of Internal Medicine No. 1 has trained more than 60 gastroenterologists in the field of practical health care in all regions of western Kazakhstan.**



# Personnel potential of the department



**The Department of Internal Diseases № 1 employs:**

**4 professors**

**2 docents**

**7 assistants, 2 office managers**

**The science degree degree of the department is 45%. They have the highest qualification category of 85%.**



# Clinical bases



**The Department of Internal Medicine № 1 is located on the basis of the Aktobe Medical Center. AMC is one of the largest and most equipped hospitals in the region, which has modern medical equipment, highly qualified specialists and advanced technologies in the field of medicine**

**Consultative and Diagnostic Center (CDC). Hepatology Center.**

**Multidisciplinary Regional Children's Hospital**

**Medical Center Marat Ospanov West Kazakhstan Medical University**



# Educational activities



The educational program of the residency contains:

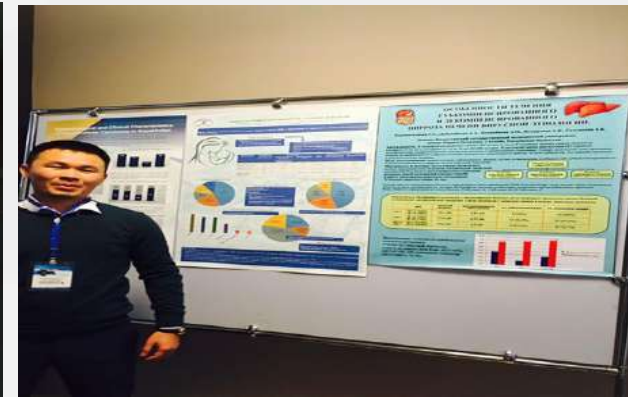
- Theoretical training, including the study of basic and core disciplines: (lectures, practical classes, carried out in two forms: theoretical training-seminars, clinical and theoretical analyses, work in small groups, discussions; clinical training-patient supervision in the hospital, outpatient admission, night shifts with report, participation in consultations);
- Final control at the end of each discipline;
- Intermediate certification at the end of one academic period (semi-annual, annual final with transfer to the next year of study);
- The final state certification in the specialty at the end of the residency.



# Research work



Residents are involved in the research work of the department, participate in international scientific conferences with a report, publish articles and theses. Employees of the Department of Internal Medicine № 1 are published in the databases of leading specialized journals Thomson Reuters, Scopus, RSCI and in the journals of the CIS, Kazakhstan, Russia.





# West Kazakhstan Medical University named after Marat Ospanov

2-year residency program in the specialty “Neonatology” – 7RO1131

**The goal of the program:** in-depth training of a specialist capable of providing qualified assistance to children in the first four weeks of life who are at different levels of perinatal care to shape the health status throughout the entire subsequent life of a person in accordance with modern principles of evidence-based medicine

**Training “Neonatology” is carried out at the Department of Children Diseases No. 1 with neonatology.  
Teaching staff of the department for the residency program**



**Zhumalina Akmaral  
Kanashevna**

Head of the Department of  
Children Diseases No. 1 with  
Neonatology, MD, Professor



**Tusupkaliev Balash  
Tusupkaliev**

Academician of the Russian  
Academy, MD, Professor of  
the Department Children  
Diseases No. 1 with  
Neonatology



**Zharlykasinova  
Mairamkul  
Burkutbaevna**  
Associate Professor  
of the Department



**Sergazina Tolkyn Sovetovna**  
Deputy Director of the  
Neonatology Service of the  
Regional Perinatal Center,  
Assistant of the Department

# Clinical training sitesия



**Regional perinatal center**



**Maternity ward "АМС"**



**Maternity ward of Kargaly city hospital**



Asanova Saltanat Saitovna  
Head of the neonatal  
resuscitation and intensive  
care unit of the Regional  
Perinatal Center in Aktope  
Mentor



Shegenbaeva Albina  
Otanovna Head of the  
Department of Pathology and  
Nursing of Premature Babies  
of the Aktope Regional  
Clinical Center Mentor



Ergalieva Gulzhanar  
Nurlybekovna Head of the  
neonatal resuscitation and  
intensive care unit of the  
Aktope AMC Mentor



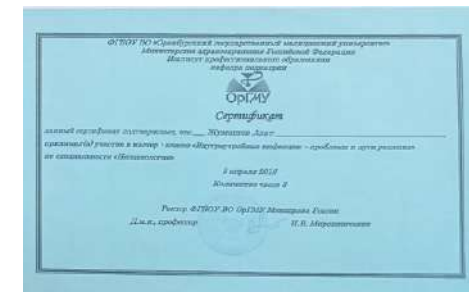
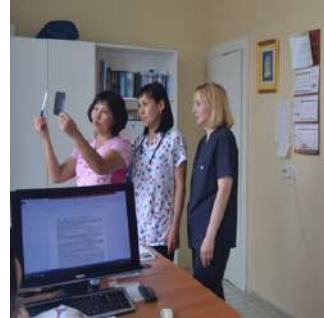
Kanatbaeva Zhanna  
Nagimzhanovna  
neonatologist, pediatric  
resuscitator at the  
Aktope AMC.  
Mentor



Nurbulatova Gulnaz  
Aitmukhambetovna  
neonatologist of the highest  
qualification category  
Mentor

# Education, Clinic, Science

- At the department and at the bases there are classrooms equipped with a multimedia system, where lectures, seminars, exams of teaching staff and department mentors with residents are held.
- At clinical bases, residents supervise patients every day, take part in morning medical conferences, professor rounds, and pathological-anatomical conferences under the guidance of clinical mentors
- Residents, undergraduates, doctoral students of the department also participate in foreign international conferences (Istanbul, Baku, Germany), and also have the opportunity to participate in online conferences (Moscow, Munich, USA).



# Learning outcomes

- Organize nursing care for low birth weight and premature newborns depending on body weight and gestational age;
- Provide qualified assistance in your specialty, using modern methods of prevention, diagnosis, treatment and rehabilitation, based on evidence-based medicine;
- Organize the work of departments for the combined care of mother and newborn, resuscitation and intensive care for sick premature and full-term newborns;
- Conduct differential diagnosis, substantiate the clinical diagnosis, prescribe adequate therapy for newborns in accordance with WHO programs for effective perinatal care;
- Take appropriate measures to prevent hypothermia, asphyxia, infection in newborns, and to promote, encourage and protect breastfeeding;

# Residency graduates

- At the Department of Childhood Diseases No. 1 with neonatology, a 2-year residency program in the specialty “Neonatology” has been introduced.
- Currently studying at the department
- 10 2nd year residents and
- 13 1st year residents.
- Resident graduates work as neonatologists in Aktobe, Atyrau, Mangistau, West Kazakhstan and Kyzylorda regions, in the cities. Astana and Almaty.





West Kazakhstan Medical University  
named after Marat Ospanov  
Department of General Medical Practice No. 2



**MODULAR EDUCATIONAL PROGRAM (MEP)**

# **7R01107 - "Adult pulmonology, children's"**

**Level of training:** residency

**Labor intensity of the educational program:** 140 credits/4200  
hours/2 years.

**Prerequisites:** Internship "General medical practice,"  
internship "Internal diseases."



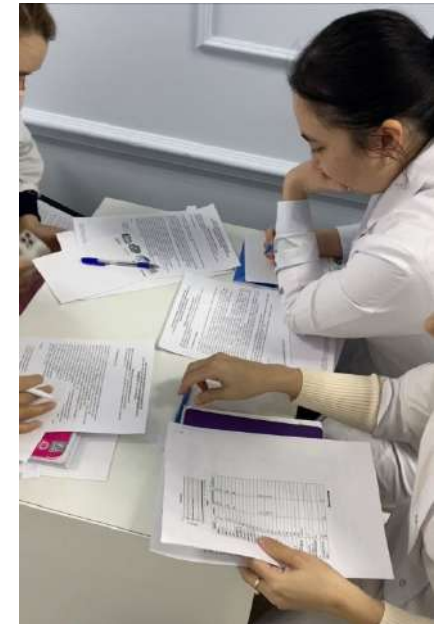
**PULMONOLOG**  
Aktobe



# The purpose of the modular educational program is:



in-depth training of doctors for independent work on the provision of specialized pulmonological care in accordance with the principles of evidence-based medicine and modern achievements in medical and diagnostic, pharmaceutical technologies.





The MEP is developed in accordance with the National Qualifications Framework and professional standards, agreed with the Dublin Descriptors and the European Qualifications Framework.

The MEP comprises:

- 1) theoretical training, including the study of cycles of the mandatory component of profiling disciplines and the component of choice;
- 2) clinical training of resident doctors;
- 3) the scientific component of training;
- 4) intermediate and final certification.

The educational program is designed on the basis of a modular system of studying disciplines and consists of 5 modules.

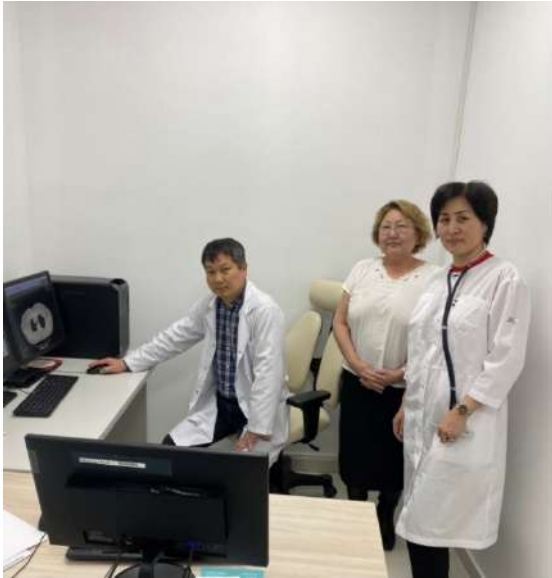


## Our clinical bases

- STATE COMMUNAL ENTERPRISE "MULTIDISCIPLINARY REGIONAL CHILDREN'S HOSPITAL" ON THE RIGHT OF ECONOMIC MANAGEMENT OF THE STATE INSTITUTION "HEALTH DEPARTMENT OF THE AKTOBE REGION"
- STATE COMMUNAL ENTERPRISE " AKTOBE MEDICAL CENTER " ON THE RIGHT OF ECONOMIC MANAGEMENT OF THE STATE INSTITUTION "HEALTH DEPARTMENT OF THE AKTOBE REGION"
- "PULMONOLOG AKTOBE" MEDICAL CENTER



# Faculty



Doctor of Medical Sciences,  
Professor Tulegenova L.M.



Candidate of Medical Sciences, Associate  
professor Satybaldieva U.A.



Master of Medical  
Sciences Nurgaliev N.M.



Master of Medical Sciences  
Karimoldaev D.K.



Clinical mentor Abashin  
A.I.



Clinical mentor  
Yesekeyeva S.H.



The main goal of the department for monitoring graduate employment is to position university residency graduates in the labor market and promote their employment.

The Department for Employment Monitoring of Residency Graduates together with deaneries and departments carries out:

- formation by the faculty of ideas about the employment of graduates of the residency as a competitive advantage of the university in the market of educational services
- development of a professional educational program of residency in the specialty "Adult pulmonology, children's," consisting of a set of key and professional competencies necessary for the effective performance of work from the point of view of a potential employer
- involvement of specialized employers in the organization and conduct of production practices
- holding job fairs at the university at the inter-regional level.





West Kazakhstan Marat Ospanov  
Medical university

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Phthisiology department

Residency in specialty:

7R01151 «Phthisiology for adults, children»

# Faculty of the department



Dilmagambetov D.S.  
candidate of medical sciences, associate professor  
Head of department



Zhangireyev A.A.  
doctor of medical sciences  
Professor



Almagambetova A.S.  
candidate of medical sciences  
Associate professor



Ermekbayeva K.Zh.  
master of medical sciences  
Associate professor



Tanzharykova G.N.  
master of medical sciences  
Assistant



Zhalimova O.A.  
Assistant



# Clinical base: RSE «Aktobe Regional Phthisiopulmonology Center» on REJ

Bacteriological and  
clinical laboratory



X-ray and physiotherapy  
departments



Children's department



Inpatient department



Phthisiosurgical department



Thoracic department

Pulmonology Department

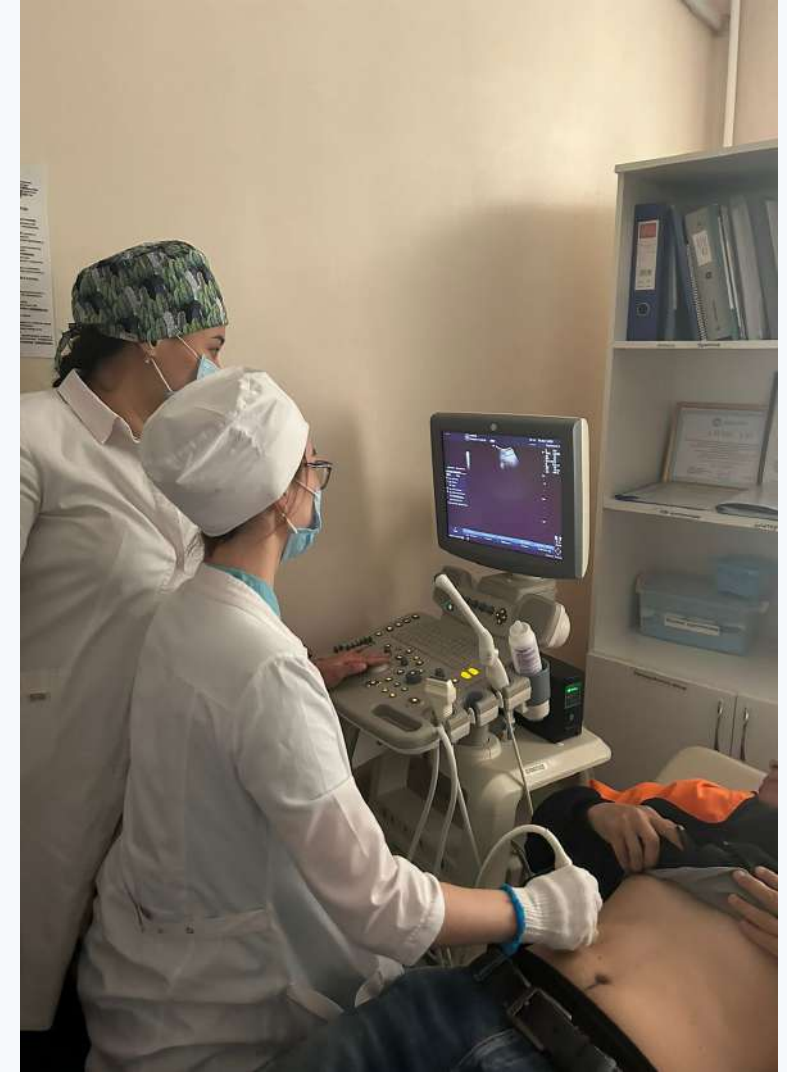


Department for the treatment of  
patients with sensitive forms of  
tuberculosis



Department for the treatment  
of patients with sensitive forms  
of tuberculosis

# Clinical training of resident doctors



# Research and health education work of resident doctors





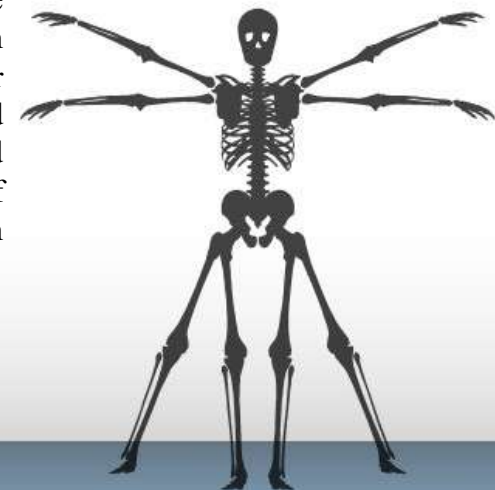
# Department of Radiology



The Radiology course was organized in 1959 at the Department of Propaedeutics of Internal Diseases of the Aktobe Medical Institute. The first head of the radiology course was Candidate of Medical Sciences, Associate Professor Evgeniy Alekseevich Brusilovsky (1959-1971).



From 1971 to 1995, the head of the Department of Radiology and Radiology was Professor Smagulov Azhmagi Smagulovich. During the same period, on the initiative of the head. Department of Smagulova A.S. The first radioisotope diagnostic laboratory in Western Kazakhstan was organized. In 1981, a “Method for diagnosing chromium intoxication” was developed and introduced into clinical practice. This diagnostic method was awarded a bronze medal at the USSR Exhibition of Economic Achievements, and the stand display in Berlin was highly appreciated





- From 1995 to 2023, it existed as a visual diagnostics course and belonged to the departments of oncology, propaedeutics of internal diseases, and clinical laboratory diagnostics. Since September 2023, the Department of Radiology was organized. The head of the department is Ph.D. Iztleuov E.M. (oncologist, radiation diagnostician) H-index 4. Author of more than 200 scientific papers



Mutigulina Gulbanu Amankosovna - associate professor of the department, radiologist 1st class, total experience 19 years, clinical experience 7 years, conducts practical classes in state and Russian languages. Performs 2-reading mammograms and stereotactic biopsies.



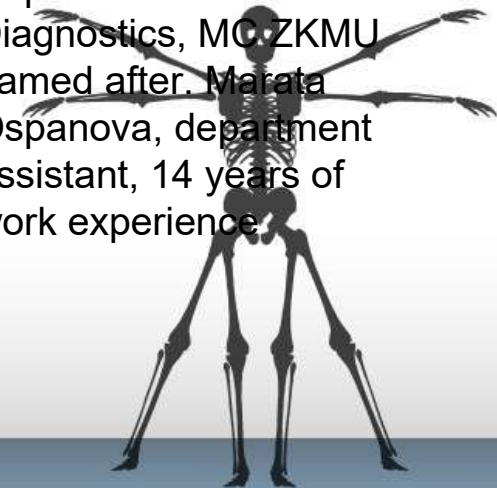
Shengelbaeva Aikerim Kenzhebekovna Assistant, Department of Radiology. Radiologist. Work experience 7 years. Conducts practical classes in state and English languages. IELTS 6.0



•Elubaeva Alma Elubaevna Associate Professor of the department, general practitioner, total experience 45 years, teaching experience 29 years, conducts classes in state and Russian languages, gives lectures..



•Sdykov Malik Mazhitovich Head of the Department of Radiation Diagnostics, MC ZKMU named after. Marata Ospanova, department assistant, 14 years of work experience.



# Department of Radiology together with the staff of the Department of Radiation Diagnostics

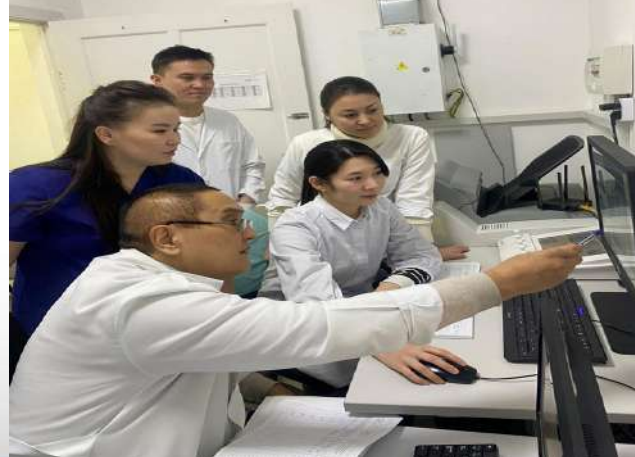




# In 2023 opened a residency program in radiology diagnostics



# Residents undergo training in the radiology departments of the MC WKMU, AMC, ARCHH, EH, APHPH.





# **Residency "Family medicine"**

**Aktobe, 2024**

## **The mission of residency educational programs.**

Training a highly qualified and competitive family doctor who performs their professional duties effectively, utilizing modern innovative technologies to address socially significant challenges in practical healthcare, continuously improving their professional skills through lifelong learning in the rapidly evolving landscape of modern medicine, while also possessing an active civic stance that meets the needs and expectations of society and the state.

**The Department of General Medical Practice № 2** was established in 2008. The first head was Professor, Doctor of Medical Sciences, Sakieva K.Zh. From 2013 to 2017, the department was led by Associate Professor ., k.m.s., Zhakieva G.R. From 2018 to the present, the department is headed by k.m.s., Sartaeva A.Sh. In 2023, it was merged with the Department of Family Medicine.



Clinical sites for acquiring practical skills: **OUTPATIENT FACILITIES** - Polyclinics № 1, 2, 3, 4, 7, FMC, FMC;  
Inpatient facilities - AMC, infectious hospital, MC of ZKMU, MRH.



According to the instructional letter dated 24.02.22, a resident doctor is entitled to work at a 0.5 rate on the principle of "learning while working". Currently, residents are working at Polyclinic No. 4, Family Medicine Clinic.

## Conferences

Conferences From 2021 to 2023, the annual International Scientific and Practical Conference "Family Medicine Residency: Achievements, Challenges, Perspectives" dedicated to the World Family Doctor Day was held.



# The scientific research work of residents.



Family medicine residents annually participate in scientific conferences and become winners







We are glad to welcome new family medicine residents!

**Марат Оспанов атындағы  
Батыс Қазақстан медицина  
университеті**



**Западно-Казакстанский  
медицинский университет имени  
Марата Оспанова**

**West Kazakhstan Marat Ospanov Medical University**

**Department of Internal Medicine №2**

**Residency in the specialty  
7R01139 – «Therapy»**

**Ақтөбе, 2024**



# Department of Internal Medicine №2

## Residency in the specialty "Therapy"



### Supervisor of resident therapist



**13** full-time teachers at the department

**10** Candidates of Sciences/ PhD doctors

**5** clinical mentors

**3** educational and methodical manuals

**2,5** the average Hirsch index of employees in Scopus

Assistant professor, PgD.  
**Dariga Kushimova**



Head of Department, PhD., Assistant  
Professort  
**Gulnara Kurmanalina**



Professor, PgD  
**Bekbolat Zholdin**



# Department of Internal Medicine №2

## Residency in the specialty «Therapy»



**Purpose of the educational program**

**Training of qualified specialists capable of providing specialized care to patients with diseases of internal organs, in accordance with modern achievements and the principles of evidence-based medicine**



**The duration of the training**

**2 years**



# Residency in the specialty «Therapy»

## Training. Work under the guidance of trainers



**The Professor's problematic lectures**

**Lectures by associate professors**

**Clinical conferences**

**Professor's clinical round**

**Clinical review**

**Practical lessons**

**Patients introduction**

**Mastering special therapists skills**

**Simulation training**

**Tests , exams and certification**

**"Visiting professor"**

**Academic mobility**





# Residency in "Therapy"

## Clinic

### Clinical base

**Railway hospital**



**Aktobe Medical Center**



**Medical center Marat Ospanov's**



**Multidisciplinary hospital**



### Free access to the clinic

### Training and work under the guidance of a curator and physician mentor



**Марат Оспанов атындағы  
Батыс Қазақстан медицина  
университеті**



**Западно-Казакстанский  
медицинский университет имени  
Марата Оспанова**

**West Kazakhstan Marat Ospanov Medical University**

## **Department of Internal Medicine №2**

**Residency in the specialty**

**7R01140 – "Physical medicine and rehabilitation for adults, children**

**"**

**Ақтөбе, 2024**



# Department of Internal Medicine №2

## Residency in the specialty "Physical medicine and rehabilitation for adults, children "



**13** full-time teachers at the department

**10** Candidates of Sciences / PhD doctors

**9** clinical mentors

**3** educational and methodical manuals

**2,5** the average Hirsch index of employees in Scopus

### Curator of rehabilitation residents



Professor, PhD  
Saule Amirkhanovna Seitmagambetova



Head of the Department, PhD, Associate  
Professor  
Gulnara Lukpanova Kurmanalina



Professor, PhD  
Bekbolat Kulzhanovich Zholdin





## Department of Internal Medicine №2

### Residency in the specialty "Physical medicine and rehabilitation for adults, children "



#### Цель образовательной программы

**Training of qualified specialists capable of providing specialized assistance in physical medicine and rehabilitation of adults and children, in accordance with the principles of evidence-based medicine and modern medical achievements at all stages of rehabilitation**



#### The duration of the training

**2 years**



# Residency in the specialty "Physical medicine and rehabilitation for adults, children "

## Training. Clinical mentors.



**Ергалиева  
Р.Ж.**



**Отделение  
онкорехабилита  
ции**

The Professor's problematic lectures

Lectures by associate professors

Clinical conferences

Академическая мобильность

Клинические разборы

Практические занятия

Ведение пациентов

Освоение специальных навыков

Симуляционное обучение

Зачеты, экзамены и аттестация

"Визитинг-профессор"



**Сембаева  
Г.И.**



**Умбетова  
Б.Ш.**



# Резидентура по специальности «Физическая медицина и реабилитация взрослая. детская» Клиника

## Клинические базы

Актюбинский  
медицинский центр



МЦ ЗКМУ имени  
Марата Оспанова



Реабилитационный  
медицинский центр  
"Дару"



Свободный доступ в клинику

Обучение и работа под руководством куратора и врача-наставника

