



NJSC «Marat Ospanov West Kazakhstan Medical University»



Specialty: 7R025 “Traumatology and orthopedics for adults children”



Aktobe city, 2024



Purpose of the Educational Program

Training of competitive neurosurgeons with fundamental and applied knowledge, research skills, capable of solving the problems of modern medicine and complying with the requirements of the labor market.

General information

Academic degree awarded: *Doctor in the specialty of “Neurosurgery adult, pediatric”*

Training period: 3 years

Volume of credits: 210

Language of training: kazakh, russian

It is available visiting residency in various fields and the opportunity to participate in academic mobility to the leading medical centers of Kazakhstan.



Graduate Competencies

01

Clinical Skills

Diagnosis and treatment,
prevention

02

Communication skills

Trust, attention, clarity,
empathy, cooperation

03

Proficiency

Competence, ethics, reliability,
responsibility, benevolence.

04

Regulatory and legal knowledge

Legislation, patients' rights,
standards of care, medical
ethics.

05

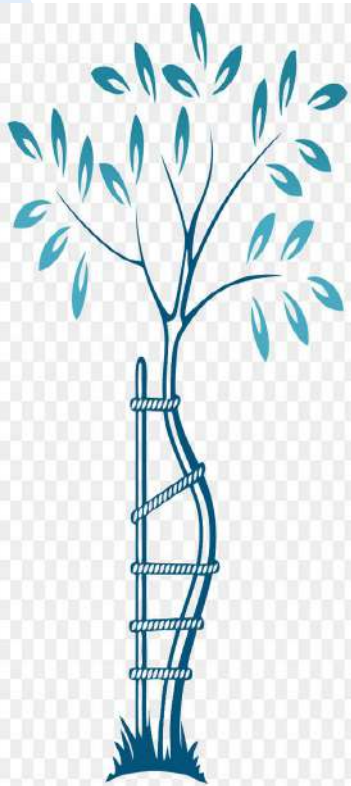
Research skills

Analytical thinking,
information gathering,
data interpretation,
inference, evaluation

06

Personal and professional development

Growth, learning, self-
improvement, adaptation,
achievement.



Our program includes mentoring, which provides a unique opportunity to learn and grow professionally under the guidance of experienced professionals.

Mentoring allows you to gain valuable experience, improve your skills, and gain a deeper understanding of the medical field. We strive to provide our residents with comprehensive support and individualized attention during their professional development.



Marat Ospanov West Kazakhstan Medical University

Department of Obstetrics and Gynecology № 2

Mission of the educational program

"Qualitative training of competitive obstetricians-gynecologists, by integrating the world's best practices in education, science and clinic."

The main purpose of the practice in the outpatient clinic and hospital is to consolidate theoretical knowledge, develop the practical skills acquired in the process of training a resident doctor, and to form the professional competencies of a specialist doctor, i.e. to gain experience in solving real professional problems.



There are 3 professors at the department, 3 PhD-doctors and 7 assistants.

Employees of the department carry out medical work in all clinical bases of the medical university: in the Regional Perinatal Center, gynecological departments of BSMP and AMC.



The purpose of the educational program

Training of qualified, competitive personnel who meet modern requirements for the quality of specialists for independent work in the specialty Obstetrics and Gynecology adults, children's.



Qualification

Obstetrician-gynecologist adult, children's (training period: 3 years).

Prerequisites for applicants

Basic medical education, higher medical education in General Medicine, General Medicine, Pediatrics, internship.





We face difficult, promising and noble tasks: to help give birth to a new life, to improve the health of the mother, to create conditions for increasing fertility and reducing child mortality.



West Kazakhstan Medical University named after M. Ospanov

Department of Surgical Diseases № 1



The clinical base of the department is located on the basis of the Multidisciplinary regional hospital of Aktobe



History of the department

→ The Department of Surgical Diseases № 1 was formed in 2010, until that time it was called faculty surgery.

The first head of the department 1960-1970. was a participant in the Great Patriotic War, Doctor of Medical Sciences, Professor Shabanov M.Zh.

→ From 1970 to 1981, the department was headed by a participant in the Great Patriotic War, Doctor of Medical Sciences, Professor I.S. Poleshchuk.

→ From 1981 to 1995, the head of the department was Doctor of Medical Sciences, Professor Yu.V. Biryuchkov.

→ From 1996 to 1998, the department was headed by Doctor of Medical Sciences, Professor Koblandin S.N.

→ From 1998 to 2000, he headed the department, Doctor of Medical Sciences, Professor, Correspondent. Academy of Medical Sciences of the Republic of Kazakhstan, state prize laureate Doskaliev Zh.A.

→ From 2002 to 2004 and from 2009 to 2011, the head of the department was Akataev N.A.

→ From 2004 to 2009, the department was headed by B.S. Zhakiev.

→ From 2015 to 2023, the head of the department was Candidate of Medical Sciences, Ass. Professor Zhumabaev M.N.

→ Since 2023, the department has been headed by candidate of medical sciences, associate professor Kelimberdiev M.S.

STAFF

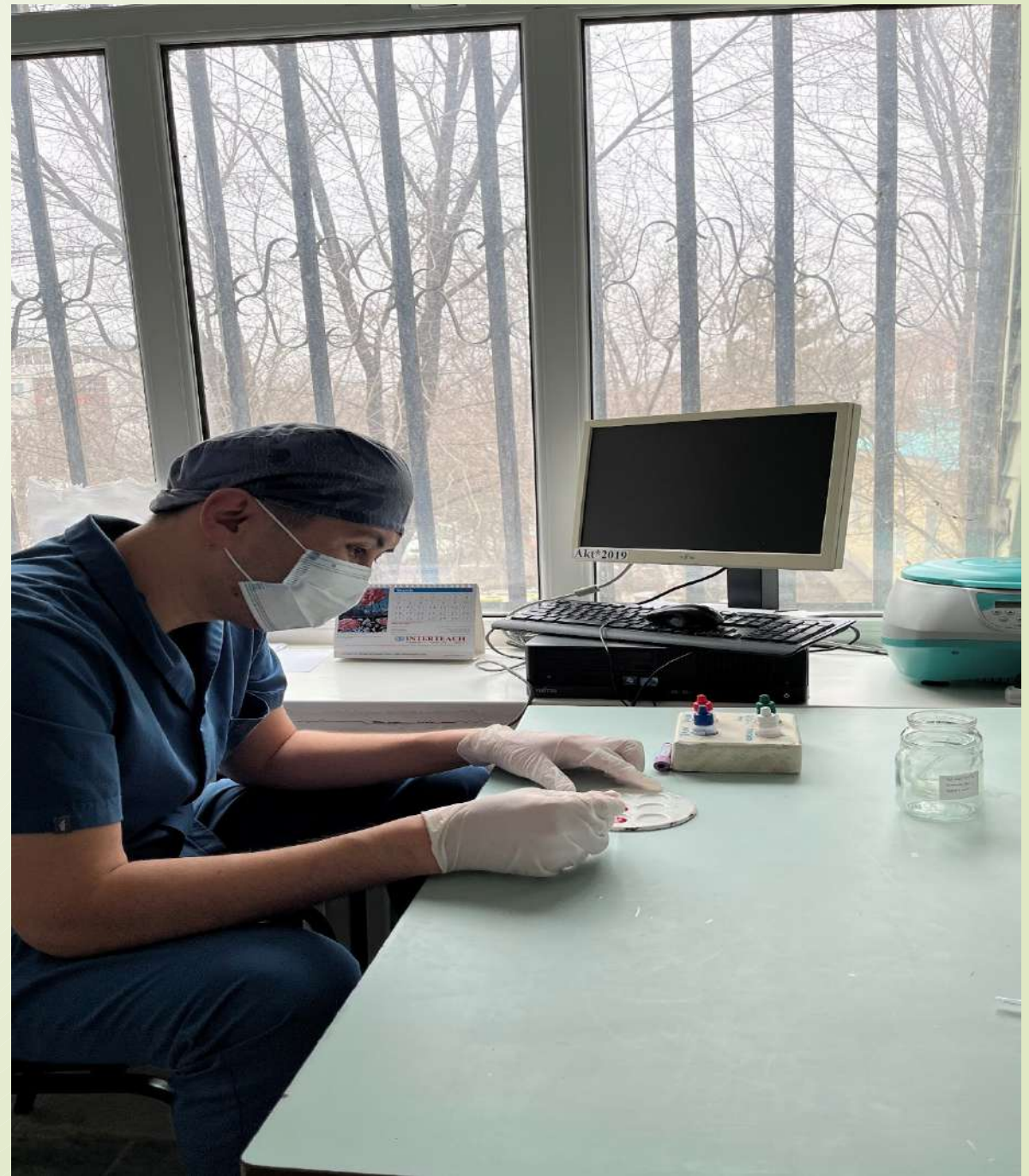
No	Full name	SERVICE
1	KELIMBERDIEV M.S.	HEAD OF THE DEPARTMENT
2	DZHARKENOV T.A.	M.D PROFESSOR
3	AKATAEV N.A.	Ph.D. of Medical Sciences, PROFESSOR
4	ZHUMABAEV M.N	Ph.D. of Medical Sciences, Ass.PROFESSOR
5	MUKUSHEV M.M	Ph.D. of Medical Sciences, DOCENT
6	BALSHAMBAEV M.E	ASSISTANT OF THE DEPARTMENT
7	NURMANOV K.Zh	ASSISTANT OF THE DEPARTMENT



THE DEPARTMENT OF SURGERY CARRY OUT MANY OPERATIONS DAILY AND VARIOUS SURGICAL MANIPULATIONS.









THERE ARE ALSO DAILY SEMINARS AND DISCUSSIONS WITH TEACHERS OF THE DEPARTMENT.







Marat Ospanov West Kazakhstan Medical University

Department of Anesthesiology and Intensive Care

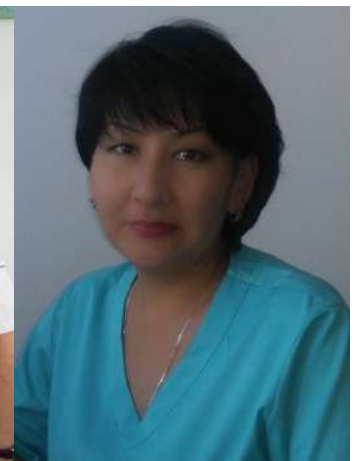


The Department of Anesthesiology and Intensive Care of the Ospanov State Medical University was founded in 2006 based on the docent course, opened in 1978.

The head of the department - Doctor of Medical Sciences, Professor Sarkulova Zh.N

Staff of the department:

- PhD, acting associate professor Tokshilykova A.B
- Candidate of Medical Sciences, assistant Zhankulov M.H
- Master of Medical Sciences, assistant A.M. Sarbayeva
- Master of Medical Sciences, assistant Zhienalin R.N.
- assistant Zhumagaliev E.K.
- assistant Kalieva B.M.
- assistant K.R. Daniyarova
- assistant Tleuova A.S.
- assistant Satenov J.K.



Residency

The Department of Anesthesiology and Intensive Care has implemented a 3-year residency in the specialty "Anesthesiology and intensive Care for adults, children" since 2014.

Currently, students are studying at the department

32 residents of the 1st year of study

26 residents of the 2nd year of study

36 residents of the 3rd year of study

Resident graduates work as anesthesiologists and resuscitators in Aktobe, Atyrau, Mangystau, West Kazakhstan, Kyzylorda, Kostanay, South Kazakhstan, Zhambyl and other regions, in Astana and Almaty.

Our residents at work



Working with an artificial ventilation device



Practicing skills on mannequins



Tracheal intubation



Performing spinal anesthesia



Working in the operating unit

Our residents at work



Travelling residency



Our graduates at work



Our graduates at work



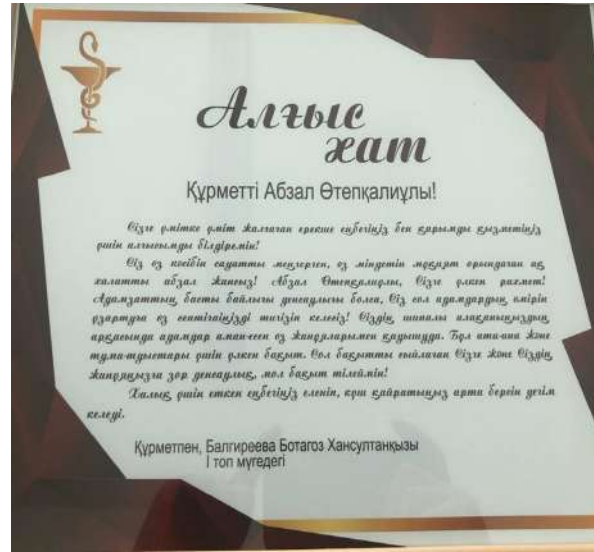
Our graduates after the successful Olympiad



Achievements of our residents



Achievements of our residents



Educational program in the specialty 7R026 “Urology and andrology for adults and children”



Educational program in the specialty "Urology and andrology for adults and children" has been realized in Marat Ospanov West Kazakhstan Medical University since 2013. During this time more than 30 specialists have been trained, who are successfully working in the Republic and neighboring countries. 100% of graduates are employed. Theoretical and practical training of residents in the specialty 7R026 - "Urology and andrology for adults and children" is carried out on the basis of the urological department of the Aktope Medical Center.



Head of the Clinic Kurmangaliyev
Oleg Maratovich, Doctor of Medical
Sciences, Professor



Head of Urology Course Sarkulov
Marat Nukinovich, Candidate of
Medical Sciences, Associate Professor



Assistant of urology course Imzharov
Talgat Abatovich, M.D.



Assistant of urology course
Aitzhanov
Nurlan Zhanbyrbaevich



Head of the Department of Urology
Suleimenov Kuanysh Gazetovich



Assistant of urology
course Mukash Alisher
Temirkhanuly

The clinic's personnel potential consists of doctors of the highest and first categories, who are constantly involved in educational activities, serving as mentors to residents. The Department of Urology fully complies with the conditions necessary for the implementation of the educational program by residents.

The clinic has 30 beds, provides round-the-clock highly specialized care to the population of the city and region, and is equipped with modern medical equipment, which allows for training at a high level. The educational process uses: MRI and CT scan; ultrasound diagnostic devices with Doppler scanning; unique angiographic complex; modern electron-optical endoscopic systems, extracorporeal and contact lithotrippers, laparoscope, etc.



In addition, according to the schedule, the regional children's clinical hospital, Medical Center, and urological offices of city clinics are used for the same training purposes. Residents actively and constantly participate in medical work: supervise patients, receive emergency patients in the emergency department, carry out diagnostic procedures and manipulations, assist in operations, operate independently and draw up medical documentation.



Lectures and practical classes of residents are held in classrooms equipped with multimedia gadgets with demonstrations of presentations on plasma panels. When preparing for classes, residents use the capabilities of the library, which is equipped, in addition to a large printed collection, with an Internet classroom and a Practical Skills Center with a sufficient range of simulators. Residents' knowledge is tested at the testing center





Marat Ospanov West Kazakhstan Medical University

**Department
Otorhinolaryngology,
ophthalmology**

RESIDENCY

**«Otorhinolaryngology
adults, children»**



Personnel potential of the department

The Department of Otorhinolaryngology and Ophthalmology employs: 2 professors; 1 associate professor, 1 master's degree, 6 assistants, 1 office manager. The degree of the department is 30.0%.

List of teachers and clinical mentors

№	Name	Position	Academic degree/title	Q. category
1.	Kozhantayeva S.K.	Head of the Department	Doctor of Medical Sciences	Higher
2.	Zhapalakov B.A.	Professor of the Department	Candidate of Medical Sciences	Higher
3.	Shagataeva B.A..	Associate Professor of the Department	Candidate of Medical Sciences	Higher
4.	Tavurbaeva A.Zh.	Assistant	Master of Medical Sciences	Higher
5.	Shyngaliev D.B.	Assistant	-	the first
6.	Balymbetova L.S..	Assistant	-	the first
7.	Amiradinova A.K.	Assistant	-	the first
8.	Nagina A.M.	Assistant	-	the first
9.	Kamelova G.N.	Assistant	-	the first
10.	Zhangazy A.T.	Assistant	-	the first
11.	Temirgaliev J.A.	Mentor	-	Higher
12.	Medeuov A.D.	Mentor	-	Higher
13.	Kadyrgaliev B.B.	Mentor	-	Higher
14.	Shukurov K.	Mentor	-	Higher
15.	Kumar K.B.	Mentor	Master of Medical Sciences	Higher

Educational activities

Speciality	Otorhinolaryngology for adults, children
The duration of the study	3 year
Qualification	Otorhinolaryngologist (adult), Otorhinolaryngologist (children)
Disciplines to be mastered	Inpatient Otorhinolaryngology, adult, outpatient Otorhinolaryngology, adult, inpatient Otorhinolaryngology, children, outpatient Otorhinolaryngology, children, emergency Otorhinolaryngology, Phoniatriy, Signology, Planned Otorhinolaryngology and components of choice

The educational program of the residency contains:

- theoretical training, including the study of basic and core disciplines: (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

The Department of Otorhinolaryngology and Ophthalmology is located on the basis of the AMC. The clinical bases of the department are the Aktobe Medical Center, the Medical Center of the ZKSU named after M.Ospanov, a Multidisciplinary children's regional hospital. 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 clinical bases of the hospitals have an otorhinolaryngological department, patients with all ENT diseases are hospitalized, and highly specialized medical care is provided to them.



Research work

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

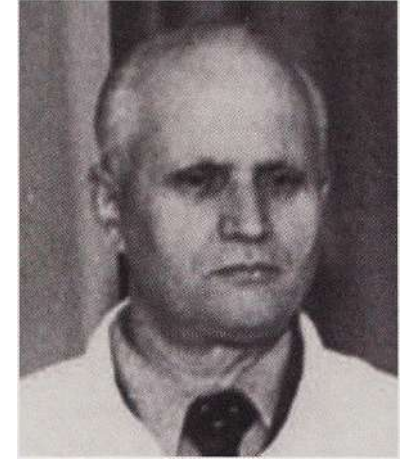
Alibek Nurzat Tuygynbekovich Republican forum on Otorhinolaryngology meeting with 2-M International Congress CASOS-2023

Oralbay Gainizhamal Tursynbaybolatovna dedicated to the 65th anniversary of the student Scientific Society of WKSU named after M. Ospanov science: yesterday today tomorrow LXII international scientific conference of young scientists III location

Nazarbayeva Aidana Serikovna dedicated to the 65th anniversary of the student Scientific Society of WKSU named after M. Ospanov science: yesterday today tomorrow LXII international scientific conference of young scientists II location



- The Department of Ophthalmology (formerly the Department of Eye Diseases, now the Course of Ophthalmology) was organized in 1961. Its first head was M.D. Kuznetsova.
- S.I. worked as assistants at that time. Kurchenko and E.I. Prilenskaya. Subsequently, from 1970 to 1974, the department was headed by Ph.D. S.I. Kurchenko, and from 1974 to 1981 - Doctor of Medical Sciences. D.S. Kovalev. At that time, assistants worked at the department - candidates of sciences K.B. Kosherov, G.D. Akhunova and L.D. Mardanov.
- From 1981 to 1987, the department was headed by Associate Professor K.B. Kosherov.
- After him, until 1991, the department was headed by associate professor G.D. Akhunova, from 1991 to 1999 - Ph.D. L.D. Mardanova, then, from 1999 to 2004 - associate professor A.T. Sagalov, and from 2004 to 2015 was headed by Associate Professor T.K. Talipov.



- The department has always paid a lot of attention to scientific work. Thus, the topic of the scientific work of A.T. Sagalova - “The influence of vitamins on dark adaptation of the eyes”, she was completed with the defense of her Ph.D. dissertation.
- And also such problems as the state of the organ of vision among workers in chrome production” and the influence of harmful factors in chrome production. L.D. Mardanova developed a method for treating chrome eye burns, and studied the characteristics of the course of such burns.
- Subsequently, the department staff turned to the problem of studying ways to prevent the progression of myopia, materials used for scleroplasty, and problems of chondroplasty. T.K. Talipov carried out work on the topic of glaucoma.



- In 2016, the Department of Eye Diseases moved to the specialized ophthalmological clinic Daru Zharygy, with a capacity of 60 inpatient beds and a clinic with 500 visits per day, the strategic goal of which is the priority development of providing highly qualified ophthalmological care to children and adults throughout the Aktobe region.
- Where are they held:
- Excimer laser correction of myopia, farsightedness, astigmatism
- Glaucoma treatment with laser and surgery
- Cataract surgery: phacoemulsification of cataracts with IOL implantation and phacoemulsification of cataracts with IOLs with femtolasers support and the participation of Verion Image Guided (Alkon, USA)



- Lidia Dzhumakhanovna Mardanova graduated from clinical residency in 1970 at the 2nd Moscow State Medical Institute named after Sechenov. From then to the present time she has been working at the department of ophthalmology of the university, and is a professor at the department. In 1985 she defended her PhD thesis on the topic "The state of the organ of vision in chrome production workers." Author of the rationalization proposal "Method of treating chrome eye burns." L.D. Mardanova has been an excellent student in healthcare of the Republic of Kazakhstan since 1997. From 1991 to 1997 she headed the Department of Eye Diseases.
- In 1999, she was awarded the academic title of professor of West Kazakhstan State Medical Academy named after Marat Ospanov.
- From 2013 to this day she has been an assistant at the ophthalmology course at ZKMU named after M. Ospanova.

Yakhiyayeva Nurgul Kereitbaikizi- assistant at the Department of Ophthalmology, Head of the Ophthalmology Course. From 2017-2019, she completed a clinical residency at the RCEPS in Ufa.

- From 2020 to the present time he has been working as an assistant at the Department of Ophthalmology.