



TASHKENT MEDICAL ACADEMY

100 TMA ANNIVERSARY



# Journal of Educational and Scientific Medicine

Issue 3 (1) | 2022



OAK.uz  
Google Scholar

Supreme Attestation Commission of the Cabinet  
Minister of the Republic of Uzbekistan

ISSN: 2181-3175

## Our teachers are the light of knowledge and profession: history of Departments of Surgery of the Tashkent Medical Academy

N.Sh. Khudaibergenova<sup>1</sup>, A.R. Bobobekov<sup>1</sup>

<sup>1</sup>PhD, Senior Lecturer, Department of General and Pediatric Surgery, Tashkent Medical Academy, Tashkent, Uzbekistan

### Abstract

World famous surgeons such as P.P. Sitkovsky, Orlov I.I., Voyno-Yasenetsky V.F., Borovsky P.F. The school organized by them for the training of medical personnel under the program of the medical faculties of the University began to study from 08/15/1919. Professors and teachers who arrived on a special medical train from Moscow in May 1920 met with the organizers and employees of the already functioning medical school.

**Corresponding author:** N.Sh. Khudaibergenova - PhD, Senior Lecturer, Department of General and Pediatric Surgery, Tashkent Medical Academy, Tashkent, Uzbekistan, e-mail: NSh-Kh@mail.ru

**Received:** June 05, 2022, **Accepted:** June 14, 2022, **Published:** June 17, 2022

**Keywords:** history, surgery, Tashkent Medical Academy

In the structure of the medical faculty of the Turkestan State University, 3 departments of surgery were organized. This is the Department of General Surgery with a course of urology - Professor Pereshivkin N.S., Department of Hospital Surgery - Professor P.F. Borovsky and the Department of Faculty Surgery - Professor P.P. Sitkovsky. It was they who made a great contribution to the organization and functioning of these departments.



Heads of the departments of surgery (second row from the left) professors P.P. Sitkovsky (second), P.F. Borovsky (fifth) and N.S. Pereshivkin

(ninth) in 1922.

Over the 100-year period of the history of the Tashkent Medical Academy, the departments of surgery have been reformed based on the requirements of the time. Therefore, it will be fair to talk about the history of the departments of surgery, dividing it into periods of existence of the Tashkent Medical Academy itself, the organization of new faculties and areas where the teaching of surgery was inevitably required.

### Sitkovsky P.P. (1882-1933)

Professor Pyotr Porfiryevich Sitkovsky was the founder of the Department of Faculty Surgery and the first dean of the Medical Faculty of the Central Asian State University. From 1920 to 1932 he worked as the head of the medical faculty of the Central Asian State University, a clinic for faculty surgery. Professor P.P. Sitkovsky graduated in 1908 from the medical faculty of Moscow State University named after M.V. Lomonosov. Founder of the





"Turkestan Medical Journal", the first published in Central Asia. Professor P.P. Sitkovsky was also the first in Central Asia in 1928 to create a surgical dental clinic. Author of more than 65 scientific papers on various topics of abdominal and osteoplastic surgery. He described an important symptom of acute appendicitis (later the symptom was named after the surgeon Sitkovsky's symptom) and developed a method for sterilizing catgut with iodine vapor. P.P. Sitkovsky invented an apparatus for determining blood clotting (Sitkovsky's apparatus).

#### **Borovsky P.F. (1863-1932)**

Professor Pyotr Fokich Borovsky was a multidisciplinary scientist who



dealt with many issues of surgery, including gastric and duodenal ulcers, liver and biliary tract diseases, ulcerative colitis, appendicitis, purulent wounds and malignant tumors. Borovsky investigated a disease common in the Central Asian republics - Penda or Sart ulcer (cutaneous leishmaniasis). He was the first to give a

correct description of the causative agent of this disease and attributed it to the type of protozoa, and not to bacteria or fungi, as previously thought. In 1932, this discovery received international recognition. His discovery made it possible to further address the issues of epidemiology, treatment and prevention of this disease. Also Professor P.F. Borovsky proposed a new technique for suturing the bladder.

#### **Pereshivkin N.S. (1879-1933)**

The first head of the department of general surgery was (1920-1933)



Nikolai Sergeevich Pereshivkin, doctor of medical sciences, professor. One of the organizers of the medical faculty of the Turkestan State University, the organizer of surgical and urological care in Central Asia and the first medical journal "Medical Thoughts of Turkestan". He graduated from the medical faculty of Moscow University in 1903. He was a member of the Pirogov Surgical Society, a founder of the Russian Society of Urologists, a member of the Society of German Surgeons, a member of the scientific Central Asian Medical Society.

#### **Ilyin G.A. (1885-1941)**

In 1934-1941, the department of general surgery was headed by Georgy Aleksandrovich Ilyin, doctor of medical sciences, professor. In 1920 he arrived in

Tashkent as a senior assistant at the department of faculty surgery. He defended his doctoral dissertation in 1937 ("Cross hand and its treatment"). Author of scientific papers on issues of orthopedics, traumatology, abdominal and general surgery, the problem of treating hemorrhoids.



#### **Astrov M.S. (1882-1957)**

In 1932, Professor Mikhail Sergeevich Astrov,

Doctor of Medical Sciences, Professor, Honored Worker of Science of Uzbekistan, was elected to the post of head of the Department of Faculty Surgery. He headed the department until 1957. He graduated from the medical faculty of the Moscow State University named after M. V. Lomonosov in 1910. He defended his doctoral dissertation on the topic "Leishmaniasis in children". Author of more than 70 scientific papers on endemic goiter, gunshot wounds of the brain, anaerobic infections in trauma, osteomyelitis, chest injuries, treatment and evacuation in wartime. Professor Astrov M.S. was a member of the Academic Council of the Ministry of Health of Uzbekistan and chairman of the Republican Society of Surgeons.



#### **Orlov I.I. (1888-1954)**

After the death of Professor P.F. Borovsky in 1932, the Department of Hospital Surgery of the

Tashkent Medical Institute, was headed by Professor Ivan Ivanovich Orlov, the first head of health care in Uzbekistan, a highly educated surgeon, whose scientific activity was diverse. He was engaged in the treatment of gastric and duodenal ulcers, duodenostasis, pathology of the biliary tract, intestinal obstruction, peritonitis and many other abdominal surgical diseases. I.I. Orlov was the first in Central Asia to deal with the problems of neurosurgery and was the founder of neurosurgical care in the republic. Under the guidance of Professor I.I. Orlov, the first blood transfusion room in Central Asia was created, which was later transformed into a blood transfusion station, and in 1940 into the Research Institute of Hematology and Blood Transfusion. Subsequently, from 1952 to 1954, Professor Orlov I.I. Head of the Department of General Surgery.



### **Korchits E.V. (1880-1943)**



In 1941-1943, the Department of General Surgery was headed by Evgeny Vitalyevich Korchits, Doctor of Medical Sciences, Professor. He graduated from the medical faculty of Moscow University in 1910. In 1927 he was awarded the degree of Doctor of Medicine. Author of more than 70 scientific papers on the problems of surgical infection and emer-

gency surgery.

### **Masumov S.A. (1902-1972)**

In 1943-1952, the department of general surgery was headed by Sadik Alievich Masumov, doctor of medical sciences, professor, Honored Worker of Science of the Republic of Uzbekistan. In 1952-1972, being a student of I.I. Orlov, he heads the Department of Hospital Surgery. Surgical activity of Professor S.A. Masumov began in 1925 as an intern at the Tashkent city surgical hospital of the Red Cross under the guidance of Professor P.F. Borovsky. In 1930

S.A. Masumov moved to the medical faculty of the Central Asian University as an assistant in the hospital surgical clinic. In 1938, he was elected to the post of associate professor of the Department of Faculty Surgery. In 1943 S.A. Masumov was approved as the head of the department of general surgery, and in 1951 of the department of hospital surgery of the medical faculty of the Tashkent Medical Institute. As the head of the surgical clinic, S.A. Masumov launched an active pedagogical and surgical activity. Scientific activity of S.A. Masumov and his team is mainly devoted to the study of endemic goiter in Uzbekistan and acute surgical diseases of the abdominal organs. In 1933, a large expedition was organized to study endemic goiter in the Fergana Valley, headed by S.A. Masumov. As a result of many years of work, significant material was collected on the etiology and pathogenesis, clinical features and morphological structure of goiter in the Fergana Valley. Doctoral dissertation by S.A. Masumov, which he defended in 1943, was the conclusion of this great work. For many years, together with the staff of the department and the clinic, he fundamentally studied various aspects of the pathology of the thyroid gland, surgical infection and calculous cholecystitis. Under his leadership, 5 doctoral and more than 30 master's theses were defended.

### **Tagirov K.Kh. (1907-1988)**

In 1947, the Department of Pediatric Surgery was organized at the Tashkent Medical Institute. The first head of this department was Karim Kho-

dzhaevich Tagirov - doctor of medical sciences, professor. It was the first department of pediatric surgery not only in Uzbekistan, but also in Central Asia. In 1942 he defended his thesis on the topic "Age characteristics of the thymus gland in children." In 1947 he defended his doctoral dissertation on the topic "Urolithiasis in children". He headed and directed the Department of Pediatric Surgery until 1972. He is the author of 105 scientific papers, including 3 monographs, on the etiology, clinic and treatment of urolithiasis in children, childhood surgery and age-related anatomy. Prepared 1 doctor and 12 candidates of medical sciences. He was awarded the Order of the Badge of Honor, 9 medals and the Badge of Excellence in Public Health.



### **Gafurov Kh.G. (1906-1961)**

In 1954-1961, the Department of General Surgery was headed by Khalik Gafurovich Gafurov, Doctor of Medical Sciences, Professor. He defended his Ph.D. thesis in 1942 on the topic: "Injuries to the skull and brain based on the materials of the Yangiyul hospital", his doctoral thesis in 1954 on the topic: "Issues of pathogenesis and treatment of diffuse



purulent peritonitis".

### **Kosmich V.Ya. (1894-1965)**

In 1953, a separate department was formed to teach the subject "Surgical Diseases" for students of the Faculty of Medicine and Prevention. The educational base of the department was made up of various city, republican and special medical institutions of the city of Tashkent. Vasiliy Yasevich Kosmich, a surgeon, hematologist, doctor of medical sciences, professor, was elected the first head of the department of surgical diseases for students of the sanitary-hygienic faculty. In 1922 he graduated from the medical faculty of the Turkestan State University. In 1938 V.Ya. Kosmich defended his doctoral thesis on the topic: "Materials for the study of blood groups of the peoples of Central Asia." From 1953 to 1964 he worked as the head of the Department of Surgical Diseases of the Medical

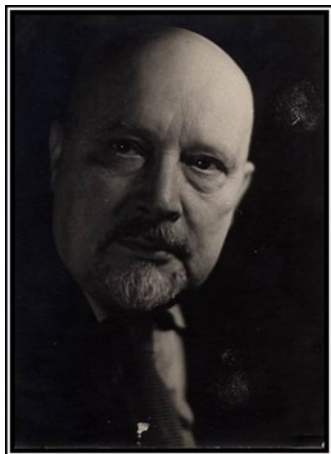




and Preventive Faculty of the Tashkent State Medical Institute. V.Ya. Kosmich played a big role in organizing the blood transfusion service in the republic.

#### **Vasilenko L.D. (1899-1973)**

In 1960, a separate department was formed to teach the subject "Surgical Diseases" for students of



the Faculty of Dentistry. The first head of the Department of Surgical Diseases for students of the Faculty of Dentistry was elected Lev Dominikovich Vasilenko - surgeon, doctor of medical sciences, professor, Honored Worker of Science of Uzbekistan. He also served as Vice-Rector of the Tashkent Medical Institute. Author of more than 40 scientific papers

on surgery for tumors of the biliary tract, bladder injuries. Prepared 3 doctors of science, 10 candidates of science. He headed this department until 1964. Subsequently, until 1969, Professor Vasilenko L.D. headed the Department of Surgical Diseases for students of the Faculty of Medicine and Prevention.

#### **Postolov M.P. (1913-1990)**

Professor Mikhail Petrovich Postolov headed the



Department of Faculty Surgery of the Tashkent State Medical Institute from 1958 to 1966. From 1966 to 1985 he headed the Department of Surgical Diseases for students of the Faculty of Dentistry. Professor M.P. Postolov graduated from the Kyiv Medical Institute in 1938. He defended his doctoral dissertation in 1954 on the topic "Early surgical

treatment of gunshot wounds of the spine and spinal cord." Professor M.P. Postolov is the author of 140 scientific papers on military field surgery, pathology of the stomach, liver, and pancreas. Subsequently, in 1986-1989, the Department of Surgical Diseases for students of the Faculty of Dentistry was headed by Doctor of Medical Sciences, Professor Savitsky G.A.

#### **Vakhidov V.V. (1917-1994)**

Vasit Vakhidovich Vakhidov - Doctor of Medical Sciences, Professor, Academician of the Academy of Sciences of the Republic of Uzbekistan, Honored Scientist of the Republic of Uzbekistan, founder of the school of specialized surgical care in the Republic. Academician V.V. Vakhidov from 1961 to 1972

headed the Department of General Surgery, and from 1972 to 1984 - the Department of Hospital Surgery. Continuing to lead the department, Academician V.V. Vakhidov was the initiator of the construction of the Scientific Center for Surgery in Uzbekistan. In 1974, the construction of the center was completed and began to provide specialized surgical care to the population. Academician V.V. Vakhidov, as the head of the department, led the department, as the director of the center of surgery, he led the center, at the same time he continued to pay great attention to educating the young generation of surgeons for the development of surgery in the Republic. Academician V.V. Vakhidov developed in detail and introduced into everyday practice scientific approaches to such surgical research as esophageal surgery, duodenal ulcer, pulmonary tuberculosis, lung and mediastinal tumors, surgery of the liver, biliary tract, and pancreas. Academician V.V. Vakhidov was the first in the Republic to start studying the issues of surgical treatment of diseases of the heart and blood vessels. He was the organizer of the specialized vascular surgery service, and an angiosurgery center was created, where he performed operations on the aortas, main veins and arteries. For the first time in Central Asia, he performed open heart surgery using hypothermia and cardiopulmonary bypass. Under his leadership, the Republican Center for Cardiac Surgery was established, which is working to identify, diagnose and treat patients with heart defects. From 1984 to 1990, the department was headed by Professor Ryabukhin Israel Abramovich, and from 1990 to 1995 - Professor Vakhidov Adilbek Vasitovich, who remained in the memory of colleagues and students as professionals in their field and recognized mentors of youth.



Academician V.V. Vakhidov was the initiator of the construction of the Scientific Center for Surgery in Uzbekistan. In 1974, the construction of the center was completed and began to provide specialized surgical care to the population. Academician V.V. Vakhidov, as the head of the department, led the department, as the director of the center of surgery, he led the center, at the same time he continued to pay great attention to educating the young generation of surgeons for the development of surgery in the Republic. Academician V.V. Vakhidov developed in detail and introduced into everyday practice scientific approaches to such surgical research as esophageal surgery, duodenal ulcer, pulmonary tuberculosis, lung and mediastinal tumors, surgery of the liver, biliary tract, and pancreas. Academician V.V. Vakhidov was the first in the Republic to start studying the issues of surgical treatment of diseases of the heart and blood vessels. He was the organizer of the specialized vascular surgery service, and an angiosurgery center was created, where he performed operations on the aortas, main veins and arteries. For the first time in Central Asia, he performed open heart surgery using hypothermia and cardiopulmonary bypass. Under his leadership, the Republican Center for Cardiac Surgery was established, which is working to identify, diagnose and treat patients with heart defects. From 1984 to 1990, the department was headed by Professor Ryabukhin Israel Abramovich, and from 1990 to 1995 - Professor Vakhidov Adilbek Vasitovich, who remained in the memory of colleagues and students as professionals in their field and recognized mentors of youth.

Academician V.V. Vakhidov, as the head of the department, led the department, as the director of the center of surgery, he led the center, at the same time he continued to pay great attention to educating the young generation of surgeons for the development of surgery in the Republic. Academician V.V. Vakhidov developed in detail and introduced into everyday practice scientific approaches to such surgical research as esophageal surgery, duodenal ulcer, pulmonary tuberculosis, lung and mediastinal tumors, surgery of the liver, biliary tract, and pancreas. Academician V.V. Vakhidov was the first in the Republic to start studying the issues of surgical treatment of diseases of the heart and blood vessels. He was the organizer of the specialized vascular surgery service, and an angiosurgery center was created, where he performed operations on the aortas, main veins and arteries. For the first time in Central Asia, he performed open heart surgery using hypothermia and cardiopulmonary bypass. Under his leadership, the Republican Center for Cardiac Surgery was established, which is working to identify, diagnose and treat patients with heart defects. From 1984 to 1990, the department was headed by Professor Ryabukhin Israel Abramovich, and from 1990 to 1995 - Professor Vakhidov Adilbek Vasitovich, who remained in the memory of colleagues and students as professionals in their field and recognized mentors of youth.

#### **Oripov U. O. (1927-2001)**

Oripov Uktam Oripovich - Doctor of Medical Sciences, Professor, Honored Doctor of the Republic of Uzbekistan, Honored Scientist of the Republic of



Uzbekistan, Academician of the Academy of Sciences of the Republic of Uzbekistan, the Russian Academy of Medical Sciences and the New York Academy of Sciences, Honorary Doctor of the Budapest Semmelweis Medical University, laureate of the Beruni State Prize in sci-

ence and technology. In 1964-1966 he headed the Department of Surgical Diseases for students of the Faculty of Dentistry. From 1966 to 1997 he headed the Department of Faculty Surgery. In 1988, the Department of Faculty Surgery was renamed the first Department of Surgical Diseases, and since 1990 it has been renamed again to the "Department of Faculty Surgery". Academician Aripov U.A. prepared 25 doctors of sciences, about 80 candidates of sciences. Author of 450 scientific articles, 18 brochures, 3 manuals, more than 30 patents.

#### **Nurmukhamedov R.M. (1925-2008)**

Doctor of Medical Sciences, Professor Rakhim Mukhamedovich Nurmukhamedov - Honored Health Worker and Honored Scientist, headed various surgical departments of the Tashkent State Medical Institute. From 1969 to 1972 he was the head of the Department of Surgical Diseases for students of the Faculty of Medicine and Prevention, from 1972 to 1976 - Head of the Department of General Surgery, from 1976 to 1981 - Head of the Department of Surgery of the Second Medical Faculty, from 1981 to 1988 - Head of the Department of Surgery of the Andijan Medical Institute, from 1988 to 2008 - Professor of the Department of Surgery. R.M. Nurmukhamedov skillfully carried out scientific and pedagogical activities and social and organizational work at the institute. From 1960 to 1971 - Deputy Dean of the Faculty of Medicine, then Dean, Chairman of the Problem Commission, Vice-Rector. From 1982 to 1989 R.M. Nurmukhamedov was the rector of the Andijan Medical Institute. R.M. Nurmukhamedov has published more than 400 scientific papers, including 13 monographs, textbooks, reference books. Prepared 33 candidates of medical sciences.



#### **Agzamkhodzhaev S. M. (1917-1992)**

Saidmagruf Magrupovich Agzamkhojaev is a well-known surgeon, teacher, public figure and organizer, doctor of medical sciences, professor, honored worker of science of Uzbekistan, honored doctor of Uzbekistan, first deputy chairman of the Society of Surgeons of the Republic of Uzbekistan. In 1975 S.M. Agzamkhojaev defended his dissertation for the degree of Doctor of Medical Sciences on the topic "Diagnostics and surgical treatment of portal hypertension in liver cirrhosis." From 1972 to 1989, he headed the Department of Surgical Diseases for students of the Faculty of Medicine and Prevention, and from 1989 to 1990, the



Department of Surgical Diseases for students of the Faculty of Dentistry. Subsequently, from 1990 to 1999, the Department of Surgical Diseases for students of the Faculty of Dentistry was headed by his student, Doctor of Medical Sciences, Professor Rakhmanov R.K. Sciences, Professor Tadzhimuratov R.R.

#### **Saidaliev A.E. (1929-1992)**

In 1972, the Department of Pediatric Surgery of the Tashkent State Medical Institute was divided into two departments. The main part of the department, headed by the head of the department, Professor K. Kh. Tagirov, was completely transferred to the jurisdiction of the newly created Central Asian Medical Pediatric Institute. A new department of pediatric surgery was organized at the Tashkent State Medical Institute, which from 1972 to



1992 was headed by Doctor of Medical Sciences, Professor Akhmad Egamberdievich Saidaliev. He was born in the city of Tashkent in 1929. In 1947 he graduated from high school and entered the pediatric faculty of the Tashkent State Medical Institute. After graduating from the institute in 1953-1956, he completed postgraduate studies at the Department of Operative Surgery and Topographic Anatomy of the First Leningrad State Medical Institute named after academician I.P. Pavlova. In 1956, after an early defense of his Ph.D. thesis, he was enrolled as an assistant at the Department of Operative Surgery with Topographic Anatomy of the Tashkent State Medical Institute. Since 1960, he has been an assistant at the Department of Pediatric Surgery at the Tashkent State Medical Institute. Since 1969, associate professor of the same department. In 1969 he defended his doctoral dissertation on the topic "Age-related changes in the organs of the chest and surgical aspects." Since 1970 Professor of the Department of Pediatric Surgery. From 1972 to 1992 he headed the Department of Pediatric Surgery at the Tashkent State Medical Institute. Professor A. E. Saidaliev is the author of more than 150 scientific papers on the diagnosis and surgical treatment of diseases of the lungs, abdominal organs and pediatric urology. Prepared 10 candidates of sciences. Awarded with a medal and a number of certificates.

In 1976, a new medical faculty was organized at the Tashkent State Medical Institute, and in connection with this, the surgical departments were being reorganized. In this regard, the surgical departments are being reorganized.

The first medical faculty organized: the department of general surgery (professor Ashrapova M.A.), the department of faculty surgery (academician Aripov U.A.), the department of hospital surgery (academician Vakhidov V.V.).



At the second medical faculty, the following departments of general surgery (Professor Kuzionov P.V.), Department of Faculty Surgery (Professor Nurmukhamedov R.M.), Department of Hospital Surgery (Academician Karimov Sh.I.) were organized.

#### **Ashrapova M.A. (1919-1999)**



Mukaddam Ashrapovna Ashrapova was elected head of the Department of General Surgery of the First Medical Faculty. She was a participant in World War II. Her life experience formed the basis of her Ph.D. thesis on traumatic brain injury. The doctoral dissertation was carried out under the guidance of Professor M.P. Postolov. on portal hypertension. Author of more than 300 scientific papers on liver cirrhosis and portal hypertension

#### **Kuzionov P.V. (1924-1999)**



In 1976, the second medical faculty was organized, in which the department of general surgery from 1976 to 1991 was headed by Petr Vasilievich Kuzionov, doctor of medical sciences, professor. He defended his doctoral dissertation in 1970. Author of 74 scientific papers devoted to the study of the pathology of the biliary system, emergency and abdominal surgery.

#### **Karimov Sh.I.**



In July 1979, the Department of Hospital Surgery was organized with a course of military field surgery at the Tashkent State Medical Institute. The department from 1979 to 2012 was headed by the academician of the Academy of Sciences of the Republic of Uzbekistan and the Russian Academy of Sciences, Honored Scientist of Uzbekistan Karimov Shavkat Ibragimovich. Academician Karimov Sh.I. dedicated to scientific work. He created a school of surgeons, which deals with thoracic, abdominal, vascular, emergency surgery. Scientific developments in the field of peritonitis, obstructive jaundice, portal hypertension have gained worldwide recognition. For great services in 2007, he was awarded the Order of "Fidokorona Khizmatlari Uchun" ("For Services to the Fatherland"), and in 2013 the Order of "Dustlik" ("Friendship"). Academician Karimov Sh.I. author of more than 800 scientific papers, 35 monographs, 10 textbooks, more than 70 inventor's certificates. He prepared 24 doctors and 63 candidates of medical sciences.

#### **Fine S.I.**

In 1982-1988, Professor Semyon Iosifovich Fain, Doctor of Medical Sciences, was appointed head of



the Department of Faculty Surgery of the Second Faculty of Medicine on a competitive basis. Author of more than 120 scientific papers, monographs and patents, supervisor of 3 PhD theses. On his initiative and with the active participation of the staff of the department, an in-depth study of the anatomical features of the

nerve lost in the esophagus and stomach was carried out. In 1988, the departments of faculty and hospital surgery of the second medical faculty were merged (head of the department, academician Sh.I. Karimov).

#### **Ryabukhin I. A. (1919-2007)**

In 1984-1990. the department of hospital surgery of the first medical faculty was headed by Professor Ryabukhin Israel Abramovich - surgeon, doctor of medical sciences, professor. He defended his doctoral thesis in 1975 and became a professor of the department, as well as the head of the department of liver surgery. I.A. Ryabukhin took an active part in the organization and development of the Center and Department of Liver Surgery. Author of 60 scientific papers. Since 1977 - Professor of the Department of Hospital Surgery. He was awarded the Order of the Patriotic War II degree, the Order of the Red Star, the medals for Courage, For Military Merit.



#### **Pak N. P. (1934-2022)**

In 1986-1987 the department of faculty surgery of the first medical faculty was temporarily headed by Professor Nikolai Petrovich Pak is a laureate of the State Prize in the field of science and technology.



Beruniy of the Republic of Uzbekistan, Doctor of Medical Sciences, Professor, Academician of the International Academy of Sciences of Nature and Society, Academician of the European Academy of Natural Sciences. He was a senior researcher and head of the clinical

group for kidney transplantation at the Tashkent Kidney Transplant Center. Pak N.P. for 19 years he was the chief specialist in hemodialysis and kidney transplantation of the Ministry of Health of the Republic of Uzbekistan. Based on the results of his scientific activity, materials were formed and subsequently presented on the complications of kidney transplantation in the clinic, the results of studying the toxicity of "medium molecules" in chronic renal failure, experimental studies of the mechanisms of action of a number of drugs considered as potential immunomodulators.

In 1990, by a government decree, the Tashkent State Medical Institute was divided into two independent higher educational institutions - the first and second Tashkent State Medical Institutes. In this regard, the surgical departments are being reorganized.

At the First Tashkent State Medical Institute, the following departments of general surgery (Professor Yangiev A.Kh.), the Department of Faculty Surgery (Academician Aripov U.A.), the Department of Hospital Surgery (Professor Vakhidov A.V.), the Department of Surgical Diseases for students of dental Faculty (Professor Kayumov T.Kh.), Department of Pediatric Surgery (Professor Aliev M.M.).

At the Second Tashkent State Medical Institute, the following departments of general surgery (Professor Yangibaev Z.R.), Department of Faculty Surgery (Professor Ataliev A.E.), Department of Hospital Surgery (Academician Karimov Sh.I.), Department of Surgical Diseases for medical students - Faculty of Prevention (Professor Tadzhimuratov R.R.), Department of Pediatric Surgery (Professor Salimov Sh.T.).

#### **Yangiev A.Kh. (1938-2004)**



Yangiev Akhmad Khashimovich - Doctor of Medical Sciences, Professor. From 1989 to 2004 - Head of the Department of General Surgery of the First Tashkent State Medical Institute. The founder of esophageal surgery in Uzbekistan. He is the author and innovator of many esophageal plastic surgeries. Created a school of leading specialists.

#### **Vakhidov O.V. (1948-1997)**

In 1990-1997, the Department of Hospital Surgery of the First Tashkent State Medical Institute was headed by Professor Vohidov Odilbek Vositovich. In 1985 he defended his doctoral dissertation on the topic: "Reconstructive and plastic surgery in surgery for acute obstruction of the terminal aorta and the main arteries of the extremities." He was the



founder of the introduction into practice of the methods of laparoscopic surgery in Uzbekistan. Vakhidov O.V. was a versatile surgeon, a professional in his field, a mentor of youth. He was the supervisor of 15 candidates and 4 doctoral dissertations.

#### **Nazirov F.G.**

In 1997, academician Nazirov Feruz Gafurovich was appointed head of the Department of Hospital Surgery of the First Tashkent State Medical Institute. Nazirov F.G. after graduating from the Tashkent State Medical Institute in 1973, he went to work at the Republican Specialized Scientific and Practical Medical Center for Surgery named after academician V. Vakhidov, where he went a long way from a junior researcher to the director of the Center for Surgery and the Minister of Health of the Republic of Uzbekistan. It is with the name of Academician Nazirov F.G. connected with a new breakthrough in the system of reforming health care and medical education. On the basis of the department, in addition to the bachelor's degree, a master's program was organized in three areas: general surgical profile, thoracic and emergency surgery. Modern information technologies were introduced into the educational process. Curricula were developed, the classrooms were equipped with digital medical imaging tools.



#### **Farhod Nazirov (1947-2021)**

In 1997-2005 The Department of Faculty Surgery of the First Tashkent State Medical Institute was headed by Professor Farhod Nazirov. F. Nazirov graduated from the Tashkent State Medical Institute in 1972. Author of more than 160 scientific papers. In 1978 he defended his thesis on the topic "Comparative morphofunctional assessment of the gastric mucosa before and after various operations." In 1991, in Moscow, he defended his doctoral dissertation on the topic "Justification for the choice of the method of surgery for duodenal ulcer."



#### **Kayumov T.Kh. (1950-2017)**

Kayumov Takhir Khatamovich - Doctor of Medical Sciences, Professor. From 1999 to 2005 he headed the Department of Surgical Diseases for students of the Dental Faculty of the First Tashkent State Medical Institute. In 2005, the department was reorganized in connection with the accession to it of the Department of General Surgery of the Medical Faculty of the First Tashkent State Medical Institute.





At the same time, she was already part of the structural subdivision of the already organized Tashkent Medical Academy.

#### **Aliiev M.M.**

From 1993 to 2002, the Department of Pediatric Surgery of the First Tashkent State Medical Institute



was headed by Mahmud Muslimovich Aliyev - Doctor of Medical Sciences, Professor. Mahmud Muslimovich Aliyev was born on April 25, 1947 in Tashkent in a family of doctors. In 1971 he graduated from the pediatric faculty of the Tashkent Medical Institute. From 1971 to 1975 he worked as a pediatric surgeon in the 1st Clinical Hospital of the Ministry of Health of the Republic of

Uzbekistan. From 1976 to 1979 - postgraduate student of the Department of Pediatric Surgery of the Second Moscow Medical Institute. In 1979 he defended his Ph.D. thesis on the topic "Volemic disorders in connection with the operation and their correction in children." From 1978 to 1987 he worked as an assistant, associate professor of the Department of Pediatric Surgery of the Central Asian Medical Pediatric Institute. In 1984 he was seconded to the People's Republic of Angola, where he worked for more than 3 years as a general surgeon at the Central University Hospital of Luanda, was awarded a Certificate of Honor from the Embassy and the Ministry of Health of the Republic of Angola.

#### **Navruzov S.N.**

Navruzov Sarimbek Navruzovich - Doctor of Medical Sciences, Professor, Honorary Academician of the New York Academy of Sciences. In 1994-2005, he headed the Department of Surgical Diseases of the First Tashkent State Medical Institute. From 1989 to 2000 - head of the Republican Scientific Center of Coloproctology. In 2000-2015 - Director of the Republican



Cancer Research Center. The results of scientific research are applied in the practice of surgeons in Uzbekistan, Russia, Ukraine, Kazakhstan, etc. He created the school of colorectal surgeons in Uzbekistan, is a member of the International Association of Sur-

geons, European Oncologists, a member of the Association of Colorectal Surgeons of Asian countries. Participant of more than 50 international congresses and scientific and practical conferences on surgery and oncology. Under his leadership, in 1980, for the first time in Uzbekistan, a department of coloproctology was organized, where not only medical, but also scientific work on coloproctology was carried out. S.N. Navruzov acts as an active supporter of deep-

ening the integration process with practice and science, by instilling professional practical skills in young oncologists and the formation of logical thinking. He is the author of more than 500 publications, 18 books on surgery, coloproctology, oncology. 15 guidelines and 8 monographs have been published. Author of more than 30 inventions. Under the guidance of S.N. Navruzov, 28 doctoral and 33 candidate dissertations were defended.

#### **Yangibaev Z.R.**

As part of the Second Tashkent State Medical Institute, the Department

of General Surgery in 1992-1995 was headed by Zarif Rajabovich Yangibaev, Doctor of Medical Sciences, Professor. Author of more than 300 scientific papers on the problem of gallstone disease, emergency surgery. One of the innovators in the introduction of minimally invasive surgery in biliary surgery. Implemented a



number of unique operations, is the author of more than 30 inventions recognized in the countries of near and far abroad. In 1995, he was approved for the position of director of the Urgench branch of the Second Tashkent State Medical Institute.

#### **Ataliev A.E. (1937-2022)**

Department of Faculty Surgery of the Second Tashkent

State Medical Institute was headed by Doctor of Medical Sciences, Professor Ataliev Albert Yervandovich. From 1979 to 1991 he worked as an associate professor, then as a professor, and from 1991 to 2008 he headed the Department of Faculty Sur-



gery of the Second Tashkent State Medical Institute, later renamed the Department of Surgery for General Practitioners already at the Tashkent Medical Academy. In 1989 he successfully defended his doctoral dissertation on the topic "Improving the results of surgical treatment of complicated duodenal ulcers in elderly patients." In 1969, he was the first in the world to successfully perform pancreatojunio-anastomosis for a complete transverse traumatic rupture of the pancreas, and in 1972 he was recognized as the best surgeon in the country, proposing a classification of pancreatic injuries. He was the first in Uzbekistan to perform mandatory intraopera-

tive cholangiography and revision of the abdominal organs with "middle laparotomy" during operations on the gallbladder and biliary tract, simultaneous operations and patient care, which contributed to activation in the early postoperative period. Ataliev A.E. developed a method of resection of the stomach "without a spur" on a short loop, methods for processing the stump of the stomach and duodenum. He was the first in the country to use single-row sutures in surgery of the gastrointestinal tract. He is one of the main pioneers of the republic in bariatric surgery and abdominal plastic surgery. Author of 3 monographs, a textbook on geriatrics, 13 copyright certificates and patents for inventions, 38 manuals. Published more than 330 scientific papers, including articles in more than 80 journals, prepared 2 Candidates of Sciences and 15 Candidates of Sciences. From 1971 to 1975 he was on a business trip abroad in Algeria, where he demonstrated his abilities as a specialist and organizer. A leading surgeon, he worked as a senior assistant at the Department of Surgery at the Medical Faculty of the University of Algiers, and this qualification helped him a lot in 1990-1992 as Vice-Rector for International Relations and Foreign Students of the Second Tashkent State Medical Institute. He was awarded the Order of the Golden Crown of the European Academy of Natural Sciences, the sign "Excellence in Health", the medal "15th Anniversary of Independence" and the medal of Excellence of the Ministry of Health for outstanding services.

#### **Salimov Sh.T.**

From 1992 to 2005, the Department of Pediatric Surgery of the Second Tashkent State Medical Institute was headed by Doctor of Medical Sciences, Professor Shavkat Teshaeovich Salimov. At the same time, he headed the Republican Center for Children's Minimally Invasive Endovisual Surgery. He is an innovator in the development and implementation of minimally invasive methods of surgical treatment of diseases in pediatric patients. Author of more than 300 scientific papers, patents, monographs, guidelines and manuals. In 1991-1992, as vice-rector for scientific work, he participated in the organization of the Bukhara State Medical Institute named after Ibn Sina. In 2005, in connection with the organization of the Tashkent Medical Academy, the Department of Pediatric Surgery was simplified to a course with its addition to the Department of General Surgery.



#### **Babadzhanov B.D.**

In 1995-2013, the Department of General Surgery was headed by Bakhtiyor Duschanbayevich Babadzhanov, Doctor of Medical Sciences, Professor. Director of the Republican Center for Purulent Surgery and Surgical Complications of Diabetes Mellitus of the Ministry of Health of the Republic of Uzbekistan. Author of more than 300 works on the problems of surgical infection and septology, including 4 mon-



ographs, 16 inventions.

In connection with the reform of the educational system in higher educational institutions and the organization in 2005 of the Tashkent Medical Academy, the Department of Surgical Diseases of the Faculty of Medicine and the Department of Pediatric Surgery were attached to the Department of General Surgery of the Faculty of Medicine. And since 2012, in order to optimize the activities of the departments, the Department of General Surgery of the Faculty of Medicine and Education and Surgical Diseases of the Faculty of Dentistry was also attached. It was from that time that a new department was organized, called General and Pediatric Surgery of the Tashkent Medical Academy. The composition of the department has expanded significantly, training bases have been distributed in four large city clinics, including two republican specialized centers.

Currently, the following surgical departments function in the structure of the Tashkent Medical Academy:

- Department of General and Pediatric Surgery-1 (Professor Okhunov A.O.)
- Department of General Surgery-2 (Professor Ergashev U.Yu.)
- Department of Faculty and Hospital Surgery (Professor Khakimov M.Sh.)
- Department of Surgery and Transplantology (Professor Akbarov M.M.)
- Department of Surgical Diseases (Professor Teshaev O.R.)

#### **Okhunov A.O.**

From 2013 to the present, the Department of General and Pediatric Surgery is headed by Okhunov Alisher Oripovich - Doctor of Medical Sciences, Professor, twice excellent worker in healthcare of the Republic of Uzbekistan (2019, 2021), winner of the "Best Professor of the Year" award (2019), member of the International Society for Surgical Infection and Abdominal Surgery, Chairman of the Expert Group on Innovative Developments, Deputy Editor-in-Chief of the Journal of Medical Education and Science. Since 1991, he has gone from an assistant to the head of the Department of General Surgery. During this time, he also worked as Deputy Dean, Director of the Center for Control of Practical Skills of Students, Director of the Central Research Laboratory, Vice-Rector. An innovator in the field of introducing modern educational forms and digitalization of the educational process in surgery. He completed an internship at leading clinics and universities in the USA, England, Spain, Germany, India, Thailand, Turkey, Russia. Author of more than 300 scientific papers on the problems of surgical infection and thoracic surgery,





including 32 patents for inventions, three textbooks and 12 monographs. Prepared 10 candidates and 2 doctors of medical sciences.



Being members of international and European surgical societies, most of the employees of the surgical departments of the Tashkent Medical Academy regularly make scientific reports, attend surgical scientific and practical forums, and undergo internships in advanced surgical clinics.

The modern composition of the surgical departments of the Tashkent Medical Academy, based on a rich and long history, is promising to work in all sections of educational, medical and scientific activities, occupying leading positions in university rankings.

The main priorities of today's activities of the surgical departments of the Tashkent Medical Academy, based on the development of innovative technologies both in clinical work and in pedagogy, thanks to the joint creative work of its employees and practitioners, contribute to the fulfillment of the global triune task of any medical state association: to treat, teach and develop.

Employees of the surgical departments of the Tashkent Medical Academy are proud of their history, its creators, who made a huge contribution to the development of surgery, to the training of new highly qualified personnel for medicine.

