Institute for Orthopedic Surgery "Banjica"





GUIDE







Mission

Institute for Orthopedic Surgery "Banjica" is a highly specialized institution of tertiary health care that provides services in the field of orthopedic surgery and traumatology with continuous improvement of the quality of work in accordance with standards of health care and environmental protection.

Vision

The Institute aims, based on many years of experience, to keep the leading position in the field of orthopedics and bone and joint trauma, by creating a sense of security for patients and staff through reaching the maximum level of expertise and quality in provided services and commitment to customer requirements.

HISTORY











In the prewar period, one of the biggest health problems in Serbia, were patients with tuberculosis. In 1955, the Federal Executive Council has decided to build a new hospital for the treatment of bone tuberculosis and polio, with a capacity of 400 beds. The decision has been made to build a hospital on the foundations of the building intended for the sanatorium of the Presidency of the Yugoslav Government in Dedinje, Belgrade. Management of the Hospital was entrusted to Medical School in Belgrade.

According to the construction project, the building supposed to have 19.865m² and to be divided into seven hospital departments. ORs were never envisaged under this plan, since conservative treatment methods were taken into account. Decision on the establishing the Hospital was issued by the Federal Executive Council in 1957. In this document the official name of the hospital was given: "Special hospital for polio and osteoarticular tuberculosis". The current project was done according to the plans of architect S. Klisko, with additional changes in order to adapt its purpose.

In the meantime, new findings and possibilities significantly altered the epidemiological situation in the world and Serbia, primarily, thanks to polio vaccines, BCG vaccine, as well as the introduction of streptomycin. These measures have reduced new outbreaks of polio and pulmonary tuberculosis. For these reasons, and the fact that the construction went in the direction of the recreational treatment, certain changes had to be made. It was decided that the future hospital will become orthopedic institution. The first director was appointed in 1958. It was Branko Radulović MD, PhD, Assistant at Clinic for Orthopaedic Surgery and Traumatology, Medical School in Belgrade.

The opening was planned for the 1st of July 1961, and by then some corrections of existing plans were performed by architect Zloković and his team. He accepted the amendment and additionally merged hospital and administrative buildings with constructing six concrete pillars and the extension of the area to the main entrance of the hospital, providing space for an amphitheater with 150 seats.

The Institute for Orthopedic Surgery "Banjica" is health care institution that operates under its present name since October 23rd 1997, and it is located in 28 Mihaila Avramovića street, Belgrade, Serbia.

From year 2012 The Institute for Orthopedic Surgery "Banjica" is the first accredited orthopedic institution in Serbia, which confirmes that it meets the highest professional standards, in accordance with contemporary medical strategies and professional protocols.

DIRECTORS (1958-2017)

Prof. Branko Radulović MD, PhD (1958-1980);

Prof. Ljubiša Janković MD, PhD (1980-1990);

Prof. Slobodan Slavković MD, PhD (1990-2000; 2009-2014);

Prof. Zoran Blagojević MD, PhD (2000-2009);

Prof. Zoran Baščarević, MD, PhD (2014 onwards)

HEAD NURSES (1961-2017)

Ljubica Baltić - Čelić (1961-1980); Olga Radoman (1980-1993); Milena Ignjatović (1993-2000); Snežana Pejnović (2000-2011); Mira Pešić (2011-2014); Jadranka Nedić (2014-2015); Snežana Blašković (2015 onwards)

















SINCE FOUNDING













FOREWORD

Dear Reader,

In front of You is the first Guide through Institute for Orthopaedic Surgery "Banjica," whose main mission is to introduce You to Institution with it's own rich tradition. The Institute, borne by power of enthusiasts and by positive driving force, has been winning a new knowledge and skills daily, outgrowing from conservative-type hospital for children to well-known institution for orthopaedic surgery, the biggest in it's range in this part of Europe.

"Everyone worked and lived with enthusiasm and everything that has been done was done by inspiration and with great responsibility, yet looked as routine. Because of that and quality..."

(Ivan Đorić, MD)

And quality isn't expensive, it's priceless. Always was opened for new understandings and perspectives: the first hospital with movie theater, Zoo, swimming-pool....., the first total hip prosthesis, the first Ilizarov...., the first bone bank...., the first orthopaedic magazine Acta orthopaedica...., the first and the only one with department for surgical treatment of bone tumors...., the first and the only one with Department for Neuro-Orthopaedics...., the first and the only one with Department for Spinal Surgery available 365 days a year..., the first orthopedic accredited institution.... It will be our success if we managed to introduce the top institution in the right light, our's and Your's "second home."

Vesna Nikolić, MD, PhD

Today the Institute "Banjica" performs highly specialized consultant and inhospital activities in terms of prevention,

early detection, treatment and rehabilitation of diseases and injuries of the locomotor system and spinal column, of all pathologies and ages, including combined injuries. It also performs educational, scientific research, as well as the publishing activities in accordance with the law.

PR activities of the Institute are performed:

Department for scientific Research and Medical Informatisc, Section for monitoring and improving the quality of work

E-mail: pr@iohbb.edu.rs

The Institute has gained the status of the frst orthopedic accredited institution in 2012 - a period of tree years and in 2015 - a period of seven years.

Number of employees: 784, of which 598 belong to the medical staff and 186 non-medical staff

> Beds fund: 520 Number of operating rooms: 8 The annual number of operations: 9.000 – 10.000 Number of consultant offices: 17

STRUCTURE

Sector for Polyclinic Activities:

Department for addmision and handling emergency conditions;

Department for specialist-consultative reviews;

Department for admission of patients referred for hospital treatment;

Sector of Stationary Activities:

Department for Orthopaedic Oncology;

Department for General Orthopaedics - Women's I;

Department for General Orthopaedics - Women's II;

Department for Spinal Surgery - Spinal Center;

Depertment for Reconstructive Orthopaedics and Bone and

Joint Infections;

Department for Paediatric Orthopaedics and Traumatology;

Department for Neuro-Orthopaedics;

Department for General Orthopaedics - Men's I;

Department for General Orthopaedics - Men's II;

Department for General Orthopaedics - Women's III;

Department for Osteoarticular Traumatology;

Department for Hand, Reconstructive and Plastic Surgery;

Department for Surgical Procedures (Operating Rooms);

Department for Anaestheology, Reanimatology and Intensive Therapy;

Sector for Common Medical Activities:

Department for Physical Medicine and Rehabilitation;

Department for Internal Medicine, Pediatrics and General Surgical

Department for Laboratory, Radiology and other Diagnostics;

Department for Transfusiology;

Department for Pharmacology (Hospital Pharmacy);

Department for scientific Research and Medical Informatics;

Sector of non-Medical Activities:

Department for Legal and General Affairs;

Department for Economics and Financial Affairs;

Department for Technical and related Issues.

TO THE PRESENT...

VALUES

the best possible way with respect to all of its rights; ENVIRONMENT PROTECTION - providing services in a manner that does not endanger the natural environment;

EXPERTISE AND EXCELLENCE - especially as it relates to the quality of services since our staff is continually educated and able to adopt new and improve existing methods of treatment;

UNIFICATION OF ACCREDITED INSTITUTIONS - in order to achieve a higher quality of health care through the definition of common procedures ,

PERSONNEL

1961.	PERSONNEL	2017.
8	Orthopedic and Traumatology surgeons	58
2	Physical Therapy and Rehabilitation Specialists	6
	Anesthesiologists	19
	Plastic and Reconstructive Surgeons	5
1	General Surgeons	2
1	Internal Medicine Specialists	6
1	Pediatricians	2
1	Specialists in Radiology	2
	Microbiologists	2
	Transfusiologists	2
	Neurologists	1
	Pathologist	1
	Dentists	1
27	Residents	21
	Clinical Doctors	3
	Pharmacy Specialists	3
1	Biochemistry Specialists	3
	Social Worker	1
	Nurse - Assistant	1
40	Nurses	385
	Other (physiotherapists, occupational therapists, sanitary,	
95	laboratory, radiology technicians, transfusion tehnicians,	79
	pharmaceutical technicians)	
178	TOTAL MEDICAL WORKERS	603

Personnel on the day 02.11.2017.

Institute for Orthopedic Surgery "Banjica" was founded in 1961. It's total area is 26000m in one location. Provides tertiary health care to citizens within the territory of the Republic of Serbia, City of Belgrade, Savski venac municipality. On this territory of the list from 2012. onwards lived 38660 inhabitants. The health institution provides tertiary health care.

> Respecting the personality of a child who resides in our hospital, health condition, level of knowledge, but also the geographical area and the social environment they come from, we are trying with every child who stays a long time in the hospital, continue where he stopped in his regular school. Educational work is organized by "Dr Dragan Hercog".











Institute for Orthopaedic - Surgery "BANJICA"



Prof. Zoran Baščarević, MD, PhD

Director of the Institute

Prof. Zoran Baščarević, MD, PhD was born on January 8th 1964 in Priština, Serbia, where he finished elementary and high school. He graduated from Medical School, University of Priština, in 1989 with an average grade of 9,24/10. In 1996 he had his Masters degree at Belgrade University School of Medicine with the thesis on "Conteporary approach to the treatement of progressive tibial excentricity in Blount's desease", while in 2009 he defended his doctoral thesis on "Comparative prospective study of alumina-alumina and poliethilen-metal hip implants".

He took the post of Assistent in the department of Surgery of Belgrade University School of Medicine in 1998, and in 2010 was named Assistent Profesor.

He is the member of Serbian Medical Society from year 1990, and from 1994 member of Yugoslav Association of Ortopaedic Surgens and Traumatologists, currently Serbian Orthopaedic-Trauma Association, where he is the member of Supervising Commity. From year 2012 he is the secretary of the department of Orthopaedic Surgery and Traumatology in postgraduate studies at Belgrade University School of Medicine, as well as the president of the Expert team for aloarthroplastic surgery of Serbian State Commission for Orthopaedic Surgery. In 2014 he became the president of Serbian State Commission for Orthopaedic Surgery.

He participated as invited speaker in meny domestic and international meetings and projects. Since June 2014, by apointement of the Government of the Republic of Serbia, he is acting director of Institute for Orthopeadic Surgery "Banjica". 2016. elected to the position of Associate Professor.





SECTOR FOR POLYCLINIC ACTIVITIES



Head of Department:

Nenad Dakić, MD

Head Nurse:

Danijela Jakovljević



ACTIVITIES OF THE DEPARTMENT FOR ADMISSION AND HANDLING EMERGENCY CONDITIONS:

- Emergency service on admission days on Mondays and Thursdays;
- Keeping medical records and documentation of outpatient and stationary patients-emergency cases;
- Keeping records of medical documentation and reports;
- Implementation of radiological diagnostics of outpatient and stationary emergency patients;
- Performing other tasks related to the work of the organizational unit.



ACTIVITIES OF THE DEPARTMENT FOR SPECIALIST-CONSULTATIVE REVIEWS:

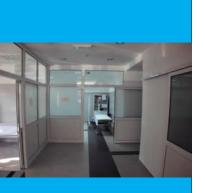
- Organizing specialist outpatient examinations of patients by schedule with appropriate documentation;
- Organizing consultative services for doctors of other specialties;
- Implementation of radiological diagnostics of outpatient and stationary patients;
- Performing other tasks related to the work of the organizational unit.

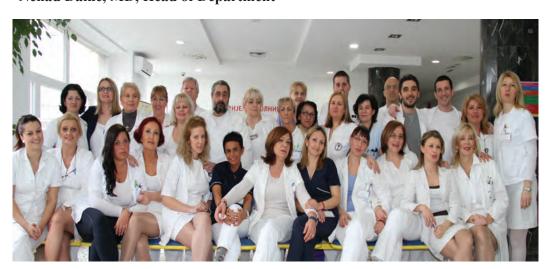


- Patient registration with a proper documentation (certified by the competent fund);
- Checking personal data and patient registration in the information system;
- Admission and administering patients from the waiting list to the reception clinic;
- Organization of patient admission to all hospital departments;
- Printing of patient's admission documentation;
- Archiving medical records.



Nenad Dakić, MD, Head of Department





DEPARTMENT FOR ORTHOPAEDIC ONCOLOGY



Head of Department:

Aleksandar Đorđević, MD

Head Nurse:

Radmila Stanković



Activities of the Department:

The Department deals with surgical treatment of tumors and tumors of similar lesions of the bone-joint system. Tumors may be the origin of bones and other connective tissues, benign or malignant. Various biological methods (transplantation), as well as massive endoprostheses, are used in the reconstruction of bone defects. Due to specific work, the Department is unique in the country and the region as well. A significant segment of work is the treatment of patients coming from surrounding countries. The Sarcoma Consilium is also working on the Department. Doctors from the Institute for Oncology and Radiology of Serbia participate in addition to the doctors from the Institute "Banjica". The Consilium is reference to all oncology centers in the country.

Department capacity: 21 beds;

Work in outpatient clinics: Wednesday 8.30-13.00;

Sarkoma Consilium: Thursday at 11.30, submitting documentation by 9.00 on the same day;

Visits to patients: Working days 15-16.00, weekends and holidays 14-16.00.



Aleksandar Đorđević, MD, Head of Department





DEPARTMENT FOR GENERAL ORTHOPEADICS - WOMEN'S I



Head of Department:

Zoran Stefanović, MD

Head Nurse:

Jelena Mikuletić



Activities of the Department:

The Department is dedicated to the treatment of patients suffering from degenerative diseases of large joints, patients with sports injuries, bone and joint system trauma, and the treatment of patients in whom there are joint effects associated with systemic diseases.

The medical services that are primarily performed include: Installation of artificial joints of hips, knees and shoulders (both primary and revision implants);

Treatment of all types of fractures and their consequences; Treatment of infections that involve the bone-skeletal system; Arthroscopic procedures and interventions on large joints, as well as immediate postoperative (early) rehabilitation.

Department capacity: 40 beds;

Work in outpatient clinics: Monday 08.30 - 13.00;

Visits to patients: Working days 15-16.00, weekends and holidays 14-16.00;

Operational days: Tuesday, Wednesday, Thursday.



Zoran Stefanović, MD, Head of Department





DEPARTMENT FOR GENERAL ORTHOPAEDICS - WOMEN'S II



Head of Department:

Ass. Prof. Nemanja Slavković, MD, PhD

Head Nurse:

Suzana Maksimović

Activities of the Department:



The main activity of the Department is diagnostics and non-operative and operational treatment of numerous orthopedic diseases of adults, as well as injuries to extremities, including sports traumatism. We are mostly oriented towards the surgical treatment of degenerative diseases of the large joints (primarily hip and knee), reinterventions after already installed artificial joints and arthroscopic surgery of large joints, including reconstruction of knee ligaments and stabilization of the cup. We are dealing, to a lesser degree, with orthopedic problems of the shoulder, hock and foot.

In addition to this, we also deal with the treatment of infections of the bone and joint system of adults, especially after the installation of artificial joints. We take care of all acute injuries and consequences of earlier injuries to the upper and lower extremities of adults. We are also engaged in scientific research and analyze the results achieved. Besides that, we participate in the education of students of the Medical Faculty in Belgrade, clinicians and specialists of orthopedics. Our department has three associates of the Faculty of Medicine in Belgrade, which makes us a unique department of Institute "Banjica".

Department capacity: 38 beds;

Work in outpatient clinics: Monday 8.30-18.30;

Visits to patients: Working days 15.00-16.00, weekends and holidays 14.00-16.00;

Operational days: Wednesday, Thursday, Friday.



Ass. Prof. Nemanja Slavković, MD, PhD, Head of Department





DEPARTMENT FOR SPINAL SURGERY SPINAL CENTER





Head of the Men's Section: Oleg Krneta, MD

Head Nurse of the Women's Section:

,

Gorica Dimitrijević

Head Nurse of the Men's Section: Biljana Ivković



Activities of the Department:

The Department for Spinal Surgery of the Institute "Banjica" is the only institution in Serbia where a completely non-operational and operational treatment of deformity of the spine, degenerative spine conditions, injuries of spine and spinal tumors is carried out. More than 1,600 patients is hospitalized annually. In the daily work of the Department for Spinal Surgery specialists (neurologist, physiatrist, internist, general surgeon, anesthetist, pediatrician) are included.

Operating techniques most commonly performed by certain pathologies are:

Deformations of the spine;

Degenerative spine;

Tumors:

Trauma;

Infections;

Other pathological conditions.

Capacity: 75 beds;

Work in outpatient clinics: Friday 08.30-13.00;

Visits to patients: Working days 15-16.00, weekends and holidays 14-16.00; **Permanent Readiness:** Emergency Service is ready 24 hours 365 days a year, so patients are treated and, if necessary, surgically treated in optimal time;

The main Consilium of the Department: Monday 09.00.











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DEPARTMENT FOR RECONSTRUCTIVE ORTHOPAEDICS AND BONE AND JOINT INFECTIONS





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Head of Department:

Prof. Slavko Tomić, MD, PhD

Head Nurse:

Snežana Ilić

Activities of the Department:

Correcting long bones deformities in children and adults;

Growth regulation in children and adults;

Correction of lengths of extremities;

Treatment of bone defects and bone tumors in children and adults;

Orthopedic-traumatic pathology complicated by chronic osteomyelitis;

Reconstructive surgery on the foot and hand;

Fresh fractures in children, adults and the elderly;

Compensation for chronic ischemia;

Treatment of the pathology of large joints.

Department capacity: 42 beds;

Work in outpatient clinics: Wednesday 08.30-13.00;

Visits to patients: Working days 15-16.00, weekends and holidays 14-16.00;

Operational days: Monday, Tuesday, Thursday.

Prof. Slavko Tomić, MD, PhD, Head of Department



DEPARTMENT FOR PAEDIATRIC **ORTHOPAEDICS AND** TRAUMATOLOGY



Head of Department:

Vojislav Aleksić, MD

Head Nurse:

Natalija Slavković



Activities of the Department:

The Department for Pediatric Orthopedics and Traumatology is specialized in diagnostics, treatment and early postoperative rehabilitation of children with congenital malformations and developmental deformities of the upper and lower extremities, such as developmental disorders of the hip, knee joint anomalies, and congenital anomalies of the feet, as well as skeletal dysplasia. The Department carries out the treatment of consequences of neuromuscular diseases, juvenile hip osteohondrosis, and acute and chronic epiphysiolysis of the femur head. The Department also provides treatment for acute and chronic bone and joints injuries, including arthroscopic surgery and tumors of the bone-joint and muscular system. A large number of patients from the countries of the region have been diagnosed with injuries and diseases of the bone-muscular system. Thanks to the long-standing cooperation with the preschool institution "Čika Jova Zmaj" and the elementary school "Dr Dragan Hercog" from Belgrade, pre-school children are involved in full-time work with educators, and children of school age have organized classes at the Department.

Department capacity: 42 beds;

Work in outpatient clinics: Thursday 08.30-13.30;

Visits to patients: Working days 15-16.00, weekends and holidays 14-16.00;

Operational days: Monday, Tuesday and Friday.



Vojislav Aleksić, MD, Head of Department







DEPARTMENT FOR GENERAL ORTHOPAEDICS - MEN'S I



Head of Department:

Ass. Vladan Stevanović, MD, PhD

Head Nurse:

Jasmina Simić



Activities of the Department:

All members of the Department are dedicated to the improvement of knowledge related to the treatment of disorders and injuries of the musculoskeletal system through the adoption of basic principles of science and clinical research of orthopedic problems. The doctors and staff of the Department are focused on the treatment and care of patients

from the following subspecialist areas:

Reconstructive surgery of musculoskeletal pathology of adults;

Aloarthroplastic procedures of the knees, hips and shoulders;

Sports medicine;

Shoulder and elbow surgery;

Traumatology of the musculoskeletal system;

Physical medicine and rehabilitation.

Patients are under constant care of a specialist in physical medicine and rehabilitation and physiotherapists who are in direct communication with orthopedic surgeons in the Department; Within the Daily Hospital of the Institute "Banjica" appropriate programs of kinesiotherapy and various modalities of rehabilitation can be implemented.

Department capacity: 44 beds;

Work in outpatient clinics: Tuesday 08.30-14.00;

Visits to patients: Working days 15-16.00, weekends and holidays 14-16.00;

Operational days: Monday, Friday.



Ass. Vladan Stevanović, MD, PhD, Head of Department







DEPARTMENT FOR GENERAL ORTHOPAEDICS - MEN'S II



Head of Department:

Ass. Ognjen Vukadin, MD, MSc

Head Nurse:

Dragana Milojević



Activities of the Department:

The Department is intended for the treatment of degenerative diseases of the joints, sports injuries and bone and joint trauma.

Patients are preparing for the following operations:

Installation of total hip endoprosthesis;

Installation of total knee endoprosthesis;

Arthroscopy of the knee, hock, shoulder and elbow;

Operative treatment of instability and knee injury;

Operative treatment of instability and injury of the rotary cuff shoulder;

Operative correction of deformities;

Operative and non-operative treatment of bone and joint trauma by modern principles.

Department capacity: 44 beds;

Work in outpatient clinics: Tuesday 08.30-13.00;

Visits to patients: Working days 15-16.00, weekends and holidays 14-16.00;

Operational days: Monday, Wednesday.



Ass. Ognjen Vukadin, MD, MSc, Head of Department





DEPARTMENT FOR GENERAL ORTHOPAEDICS - WOMEN'S III



Head of Department: Boris Gluščević, MD, PhD

Head Nurse:

Jadranka Josifov



Field of work: The dominant part of the Department's work is surgical treatment of the disease of large joints, including biological and aloarthroplastic surgical procedures on large joints. Most doctors are dealing with surgery of foot deformities and surgical treatment of injuries of locomotor apparatus in adults. The Department has a long-standing experience in the surgical treatment of patients with rheumatic diseases. One doctor deals with sports medicine.

Treatment methods: Installation of artificial joints of hips and knees constitutes the dominant part of the work. Various techniques are used in operative treatment, and for the purpose of providing the highest quality services. Mini-invasive surgery, and navigational knee surgery was done. Aloarthroplastic procedures on the shoulder are also done. Foot deformities are most often solved by resectional arthroplasty and corrective osteotomy. The proximal femur breaks are resolved by osteosynthetic procedures with a variety of materials including the gamma wedge, DHS, and in the older, implantation of subtotal endoprosthesis. Femur and tibia fractures are mainly resolved using intramedular fixation or external fixators. Increasingly, LCP plates are used in fractures.

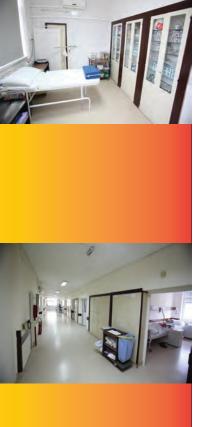
Department capacity: 41 beds;

Work in outpatient clinics: Monday 08.30-12.30 and 12.30-18.00;

Visits to patients: Working days 15-16.00, weekends and holidays 14-16.00;

Operational days: Tuesday.

Boris Gluščević, MD, PhD, Head of Department





DEPARTMENT FOR OSTEOARTICULAR TRAUMATOLOGY



Head of Department: Aleksandar Kojić, MD, MS

Head Nurse: Mirjana Trbović



Activities of the Department:

The Department is specialized in surgical treatment and care of patients with fresh bone and joint system injuries of the upper and lower extremities and pelvis, as well as surgical treatment of the trauma sequence.

The Department also deals with the operative treatment of degenerative hip and knee diseases, the installation of primary endoprosthesis of the hip and knee, as well as revision aloarthroplasty. In addition to the mentioned pathologies, a significant segment of the activity is taken by foot surgery. The modern achievements of medicine in the field of orthopedic surgery, and early postoperative rehabilitation are monitored, and applied in everyday practice.

Service capacity: 43 beds;

Work in outpatient clinics: Wednesday 8.30 - 13.00;

Visits to patients: Working days 15 - 16:00, weekends and holidays 14 - 16:00;

Operational days: Thursday, Friday.



Aleksandar Kojić, MD, MS, Head of Department





DEPARTMENT FOR HAND, RECONSTRUCTIVE AND PLASTIC SURGERY



Head of Department:

Violeta Baščarević, MD, MS

Head Nurse:

Rada Borović



Activities of the Department:

The Department is specialized in the treatment of conditions from the field of plastic and reconstructive surgery, especially the conditions in the field of diseases, deformities (acquired and innate), trauma and posttraumatic conditions, and tumor of the hand. We also deal with peripheral nerve surgery and reconstruction of defects of soft tissue of the extremity. In surgical treatment, we participate in solving conditions that require a multidisciplinary approach, as part of the team (with orthopedics, physiatrists and general surgeons).

Department capacity: 38 beds;

Work in outpatient clinics: Working days 08.30-14.00;

Visits to patients: Working days 15-16.00, weekends and holidays 14-16.00;

Operational days: They are determined according to the needs of the Department and

according to the actual capacities of the Operational Rooms.



Violeta Baščarević, MD, MS, Head of Department







DEPARTMENT FOR PHYSICAL MEDICINE AND REHABILITATION





Main Physiotherapist: Ljiljana Ilić



Activities of the Department:

The work is based on organizing and applying modern diagnostics and physical therapies for all external and internal patients who need this type of therapy. The Department involves the work of a physician - a specialist in physical medicine and rehabilitation with a physiotherapeutic team on the prevention of immobilization complications, the use of preoperative and postoperative rehabilitation and rehabilitation of non-operatively treated patients. Continuity of rehabilitation started during hospitalization, after release patients, as well as outpatient patients with injuries and illnesses of locomotor system, is carried out within the daily hospital. Therapeutic methods: kinesitherapy, thermotherapy, mechanotherapy, electrotherapy, sonotherapy, laser, magnetic therapy, work therapy, and special programs for kinesiotherapy for children with deformities of spine and chest.

Work in outpatient clinics: Every working day from 08:00 to 14:00.

Specialists in Physical Medicine and Rehabilitation are members of the Consilium for Osteoporosis and the Consilium for the Prevention of Children Osteoporosis and Metabolic diseases of the skeleton. Diagnostic tests in EMG Cabinet are conducted.



Sandra Vulević Farmer, MD, Head of Department





DEPARTMENT FOR SURGICAL PROCEDURES (OPERATING ROOMS)





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Head of Department:

Dejan Marinković, MD

Head Nurse:

Snežana Jeremić

Activities of the Department:

Within Department for surgical interventions of Institute "Banjica" annually is done between 9,000 and 10,000 surgical procedures in 8 operating rooms. Eminent staff with the most modern equipment performs the most complex and modern methods in the field of orthopedics and traumatology, as well as plastic and reconstructive surgery on a daily basis.

In the Operating rooms we do:

- Operations of artificial hip, knee, shoulder;
- Complete traumatological surgery, osteosynthesis of all fractures;
- Spinal surgery;
- Arthroscopy and ligamentoplasty of all joints;
- Pediatric orthopedics and traumatology;
- Tumors of the bone and joint system;
- Complications caused by an injury or after surgical interventions;
- Reintervention of all types in the field of orthopedics.

Department consists of:

- Two operating rooms are specialized for operations of total and subtotal endoprosthesis with the most modern instrumentation and chambers for permanent air purification, which at any time guarantees sterile working conditions;
- Three operating rooms for complete orthopedic-traumatic surgery of the bone-joint system, where we put emphasis on surgical interventions on the spine.
- Operating room for arthroscopy and ligamentoplastics, also with the latest equipment and implants;
- Operating room for emergency and smaller surgical interventions and complications;
- Operating room specialized in plastic and reconstructive surgery;

Dejan Marinković, MD, Head of Depeartment



DEPARTMENT FOR ANAESTHEOLOGY, REANIMATOLOGY AND INTENSIVE THERAPY



Head of Department:

Branislav Tomović, MD, MSc

Head of Department for Intensive Therapy:

Vesna Savić, MD

Head Nurse of the Intensive Therapy:

Mira Pešić

Head Anesthetist:

Jelena Petrović



Activities of the Department:

The Department for anesthesia, reanimatology and intensive therapy performs an average of 8,500 - 9,500 anesthesia over the course of the year. Of this, in regional anesthesia (central neuroaxial blocks – spinal and peridural, blocks of nerve plexus and peripheral nerves) over 70% of anesthesia.

The Intensive Care Unit has 21 beds with the latest equipment for monitoring, care and treatment of patients. In the Intensive Care Unit, over 6,500 patients are successfully treated annually. Doctors and nurses of Department for Anesthesia successfully carry out pain therapy.



Branislav Tomović, MD, MSc, Head of Department







SECTOR FOR COMMON MEDICAL ACTIVITIES



Head of Sector: Nenad Lujić, MD, PhD



DEPARTMENT FOR INTERNAL MEDICINE, PEDIATRICS AND GENERAL SURGICAL ACTIVITIES

Head of Department: Milena Đurić, MD

Activities of the Department:

Performing internist examinations of patients in departments and intensive care units; participation in the Consilium for osteoporosis and Consilium for metabolic bone disease; performing echocardiographic examinations of patients;

participation in consulting teams, 24-hour standby;

pediatric examination of patients;

work in the outpatient clinics and the Consilium for prevention and treatment of metabolic diseases in children;

patient examination, especially in the field of abdominal and thoracic surgery; emergency surgical interventions and assistance with orthopedics and plastic surgeons; dental examination of patients, caries prevention in children and rehabilitation of caries consequences in children and adults;

performing other activities that by their nature belongs within the domain of this Department's work.

Milena Đurić, MD, Head of Department





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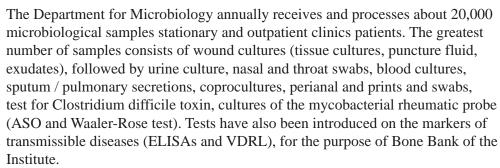
DEPARTMENT FOR EPIDEMIOLOGICAL BACTERIOLOGICAL DIAGNOSTIC





Head Technician: Romana Cvetojević





The Department also performs epidemiological surveillance of the entire hospital. For the purpose of prevention nosocomial infection initiates control contamination of hospital environment by taking swabs of working surfaces, utensils, equipment and hands of personnel, as well as control of the carrier state. Control of sterility of the material and sterilization processes in steam and dry sterilizers is carried out. Also, the Department organizes transport of material for histopathological examinations at the Institute for Pathology, performs recording of chronic non-communicable and communicable diseases, control of hospital infections and organize and conduct the vaccination of employees against hepatitis B and seasonal flu. Working hours of the Department: Weekdays 07-19.00, Saturdays 07-13.00.



Sonja Konstantinović, MD, Head of Department







DEPARTMENT FOR LABORATORY DIAGNOSTICS





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Head of Department:

Radmila Kovačević, MD, PhD

Head Technician:

Gordana Grbović

Activities of the Department:

The Department is specialized in laboratory analyzes on automatic analyzers (Beckman Coulter, AU640, Beckman Coulter, AU400; Roshe, Cobas e411; Ilyte) that enable the work of analyzes from all fields of clinical biochemistry. In addition to classical analyzes for monitoring the metabolism of the basic parameters (sugar, fat, protein, creatinine, urea, bilirubin, etc.), enzymes (AST, ALT, GGT, ALP, AMY, etc.), electrolytes, microelements, we do a unique analysis from immunochemistry fields related with hormones, tumor markers, cardiac markers, bone markers, and markers of the inflammatory process. Trough Therapeutic Drug Monitoring (TDM) we are working to determine the level of vancomycin in the serum. Complete blood count is one of the most important haematological routine laboratory tests. Determination of haematological parameters is performed on Automatic analyzers (Beckman Coulter, LH 780; Beckman Coulter, ACT diff.) and allows good differentiation in the analysis of the blood test results. Good differentiation is invaluable because it provides a clinician with a large number of clinically relevant information: for detection and monitoring of anemia, differentiation of anemia, detection of infections, allergies, systemic haematological diseases. Measurement of D-dimer concentration is an essential element in the diagnosis of deep vein thrombosis and pulmonary embolism.

In the laboratory, about 400 blood samples and other biological materials of hospital patients and about 40 samples of outpatient clinics patients are processed daily. Outpatient clinics patients are undergoing analysis for the diagnosis of osteoporosis and analysis for the control of osteoporosis therapy.

Working hours of the Laboratory: Laboratory works 24 hours. Taking biological material for outpatient clinics patients is performed from 08:00 to 9:30 am, and the release of the results is from 09-17 am.

Radmila Kovačević, MD, PhD, Head of Department



DEPARTMENT FOR RADIOLOGICAL DIAGNOSTICS









Head of Department:Jesenka Grebenarović, MD

Head of Ultrasound Cabinet:

Agnica Petković, MD

Head Technician:

Ivan Branković

Activities:

The main activity of the Radiological Cabinet is radiography and radioscopy of bone-joint system. The Radiological Cabinet consists of a departmental part of the cabinet, the Ambulance and the Scanner cabinet. The departmental part of the cabinet does radiographs and radioscopies of the hospital patients, measuring bone mass of hospital and outpatient clinics patients. The Ambulance does radiography of outpatient clinics patients and emergency patients. The scanner cabinet performs reviews of hospital and outpatient clinics patients.

Working hours of the Cabinet:

Hospital RTG: Every working day from 07 to 13.00; Outpatient clinics RTG: Every working day 07-20h;

Emergency days (Monday / Thursday): 24 hours - Emergency patients; Measurement of bone mass: Every working day from 07 to 13.00;

Scanner: Every working day from 07 to 13.00.

Ultrasound Cabinet activities:

In 1989. Institute "Banjica" introduced ultrasound diagnostics with primary goal of systematic hip screening in neonates and infants, diagnosing and treatment of orthopedic-traumatological acute and chronic diseases, conditions of bone-joint, musculoskeletal lesions, and diagnosing pathology of tumors of the locomotor system. Institute "Banjica" is a reference center for diagnostics and educational center for doctors of various profiles (orthopedics, pediatricians, radiologists ...), defined for ultrasound diagnostics in the field of orthopedics and traumatology. Today, about 1500 reviews are made at the Institute "Banjica" of hips of newborns and infants, 300 examinations of orthopedic-traumatic conditions, 600 overview of cardiovascular and abdominal pathology.







DIAGNOSTIC PROCEDURES

X - RAY MACHINE



OSTEODENSITOMETER



EMNG



SCANNER





DEPARTMENT FOR TRANSFUSIOLOGY











Head of Department:

Leposava Sikimić, MD, PhD

Head Nurse:

Slavica Milovanović

Activities of the Department:

The Department for Transfusiology is organized as the Hospital Blood Bank. Activities:

Blood supply and blood derivatives for the needs of a surgical operative program;

Performing necessary immunohematological tests of the blood of patients;

Performing blood donation tests in blood transfusion;

Performing autologous transfusion programs;

Performing tests in the field of haemostasis;

Control of the effectiveness of applied anticoagulant therapy as part of the treatment of hospital patients;

Consultative activity in the field of transfusiology;

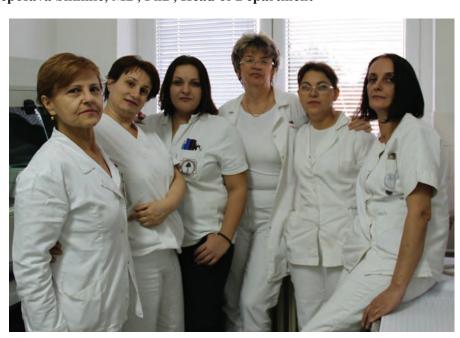
The Department is responsible for:

Rational use of blood and blood products, as well as safe handling of blood and blood products. Administration in the field of blood and blood products issuance within the hospital information system, which implies monitoring and unexpected reactions in patients with blood transfusion and blood components, with the obligation to report all post-transfusion reactions and further examination according to established operational procedures.

Working hours of the Department:

Transfusiological activity is arranged by shift work for technicians during 24 hours 365 days a year. A specialist transfusiologist is ready 24 hours during 365 days a year.

Leposava Sikimić, MD, PhD, Head of Department



DEPARTMENT FOR PHARMACOLOGY (HOSPITAL PHARMACY)





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Head of Department:

Nenad Miljković, MPharm MPH

Activities of the Department:

Planning and implementation of public procurements and monitoring the implementation of contracts:

Qualitative and quantitative receiving of medicines and medical devices, as well as storing them;

Dispensing medicines from and outside the List of medicines that are prescribed and dispensed at the expense of compulsory health insurance;

Dispensing medicines which follow special legislation procedure (narcotic drugs and drugs outside the List of medicines that are prescribed and dispensed at the expense of compulsory health insurance);

Dispensing medical devices;

Monitoring the implementation of the established therapeutic treatment protocols; Providing information on medicines and medical devices to health care professionals; Consultation with health care professionals about rational pharmacotherapy and the route of administration of the drug for the patient;

Consultations in the field of safe and effective oral anticoagulant therapy; Consultations in the field of antimicrobial therapy based on the therapeutic drug

monitoring patient's serum.

Monitoring the patient's response to the drug and reporting adverse reactions to the drug to the Agency for Medicines and Medical Devices of the Republic of Serbia; Consultations with health care professionals on the proper administration of the medicine; Administrative processing of data on consumption of medicines and medical devices at the Institute according to the wars data;

Creating a policy of rational use of medicines and medical devices;

Cooperation with other health care professionals;

Continuous education designated to all employees in the Department;

Participation in clinical trials related to medicines and medical devices;

Participation in an international project under the auspices of the European cooperation in science and technology COST Action 15105 in the area of drug shortages, and assessments of clinical and pharmacological needs of patients during the shortage while choosing alternative therapeutic options;

In cooperation with the Institute's Drug and Therapeutics Committee and the Agency for Medicines and Medical Devices of the Republic of Serbia Department for Pharmaceutical Health Care carries out pharmacovigilance activities related to collection of adverse reactions to the drug, as well as other medicines related problems, with the goal to monitor and assure safe medicine application.

Nenad Miljković, MPharm MPH, Head of Department



DEPARTMENT FOR SCIENTIFIC RESEARCH AND MEDICAL INFORMATICS





Ass. Vladan Stevanović, MD, PhD

Head of Department for Scientific Research and Medical Informatics:

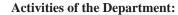
Vesna Nikolic, MD, PhD

Chief of Department for Medical Informatics:

Jelena Mijušković, B.Sc. Eng. Information systems

Nurse - Associate for Education and KME (Continuous Medical Education):

Snežana Pejnović



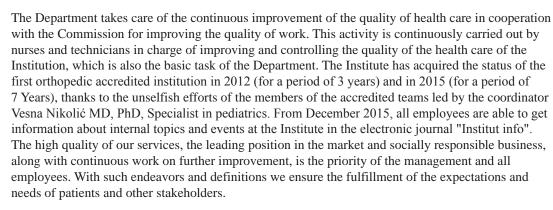


In 1965, a Special Orthopedic Hospital was registered as a scientific institution. The Department for Scientific Research was founded on February 1, 1973, by merging the library and photolaboratory. Milan Mitrović MD was appointed Head of Department. The first issue of the journal "Acta Orthopedica Iugoslavica" was launched by the doctors of the Hospital in September 1970. At the head position of this department, in the following years were: Zdeslav Milinković, Branko Sbutega, Goran Čobeljić and Vesna Nikolić - from January 2016. Today, the main activity of the Department is the monitoring of all scientific and professional meetings and assemblies that discuss issues related to orthopedic surgery, physical medicine and rehabilitation, plastic surgery, general surgery, as well as training and professional improvement of health workers and associates of all profiles. The Department coordinates the work of the Institute and the Medical Faculty in Belgrade, especially in the field of acquiring and re-assigning scientific titles. One of the main activities of this Department is planning and implementation of Continuous Medical Education (KME) of medical workers with secondary, and higher education (nurses and technicians, doctors of various specialties and other medical workers and associates). An important part of the activities of the Department is monitoring the participation of healthcare workers in projects and studies organized by various institutions from the country and abroad.



Vesna Nikolić, MD, PhD, Head of Department

DEPARTMENT FOR MONITORING AND IMPROVING THE WORK





Vesna Nikolić, MD, PhD, Head of Department

DEPARTMENT FOR MEDICAL INFORMATICS

The Department for Medical Informatics ensures smooth daily functioning of all information systems at the Institute, computer networks, the Internet and all hardware equipment. Activities of the Department are administration of all information systems and assistance to all users of the system in their work. It also deals with the planning and improvement of software and network infrastructure, optimization of hardware usage, as well as regular updating of the Institute's website.



Jelena Mijušković, B.Sc. Eng. Information systems, Chief of Department

TEACHING DEPARTMENT





Prof. Zoran Blagojević, MD, PhD

Head of Department

Within the Institute for Orthopedic Surgery "Banjica" there is a Teaching department of the Medical Faculty in Belgrade. The teaching staff consists of three professors, two assistant professors and five assistants who participate in all aspects of teaching. In addition to teaching in Surgery, the Institute provides courses in the following subjects:

Basics of Clinical Practice I and II, First Aid, Elective subject - Inequality of extremities, and teaching in English. The Institute is also a permanent base for postgraduate education, and it performs classes from Specialist Academic Studies and Two-semester classes - Medical Specialization in Orthopedics with Traumatology. In addition to theoretical lessons, practical exercises take place in the Hospital. A special type of teaching activity is the permanent development of physicians from all over the country, who come to the Institute to perform a specialist internship, or supplement their knowledge in certain chapters of orthopedic surgery. Within the framework of continuous medical education, symposiums and expert meetings from various areas are organized from time to time. Besides doctors from the Institute "Banjica", doctors outside of the Institution participate in them as well. Numerous meetings of the Section for Orthopedic Surgery and Trumatology of the Serbian Medical Society are held at the Hospital.

We maintain numerous contacts and organize instructional lectures with representatives of the pharmaceutical industry, especially representatives of orthopedic and surgical equipment, instruments, and devices.

In addition, the Institute "Banjica" also provides practical training for students of Medical Schools: "Sveti Sava", "Beograd", "Nadežda Petrović", High Medical School of Vocational Studies in Belgrade, High Medical and Sanitary School of Vocational Studies "Visan", High School of Academic Studies "Dositej", Faculty for Special Education and Rehabilitation.



The Teaching Department consists of the following teachers and associates:

- Prof. Zoran Blagojević, MD, PhD Head of Teaching Department
- Prof. Slavko Tomić, MD, PhD
- Prof. Zoran Baščarević, MD, PhD Secretary of the Teaching Department
- Ass. Prof. Milan Apostolović, MD, PhD
- Ass. Prof. Nemanja Slavković, MD, PhD
- Ass. Duško Spasovski, MD, PhD
- · Ass. Vladan Stevanović, MD, PhD
- · Ass. Boris Vukomanović, MD, MS
- · Ass. Dr. Ognjen Vukadin, MD, MS
- · Ass. Miodrag Glišić, MD
- Secretary for teaching and scientific activity Svetlana Ignjatović, Librarian, MS



DEPARTMENT FOR MEDICINES, **QUALITY AND ACCREDITATION PROCEDURES**

ДОДЕЉУЈЕ СЕРТИФИКАТ О АКРЕДИТАЦИЈИ БРОЈ A-42-09/2012 Институт за ортопедско-хируршке болести "Бањица"

стиче акредитацију на период од три године од децембра 2012. до децембра 2015. године



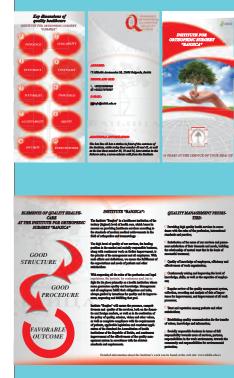


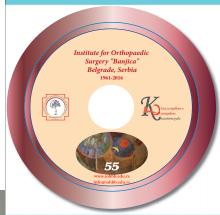


београду Тецембар, 2012. године











DEPARTMENT FOR LEGAL AND GENERAL AFFAIRS



Head of Department:

Dušan Rajaković, B.Sc. Lawyer

Head of Department for Public Procurement:

Marija Ristić, dipl. ecc Economist



Activities of the Department:

Organizing complete legal and expert work related to the efficient functioning of a health institution;

Advocacy work;

Contractual relations;

Implementation of public procurement procedures;

Facilitating free access to information;

Correspondence with the Ministry of Health, RFZO (Republic Health Insurance

Fund) and other bodies and institutions;

Internal control tasks (Internal Control Department);

Human Resources;

Social work;

Administration of mail, receipt of mail and archiving of documents;

Performing other activities, which relate to the scope of work of the organizational unit;



Dušan Rajaković, B.Sc. Lawyer, Head of Department







DEPARTMENT FOR ECONOMICS AND FINANCIAL AFFAIRS



Head of Department:

Vladan Gajić, dipl. ecc Economist



Tasks related to the finances of the healthcare institution;

Billing operations;

Statistics operations;

Fixed asset operations;

Bookkeeping activities;

Calculation of personal income;

Cashier:

Contracts, balancing and creation of periodic and final accounts;

Procurement and storage operations;

Performing other tasks from the field of work of the organizational unit.



Vladan Gajić, dipl. ecc Economist, Head of Department







DEPARTMENT FOR TECHNICAL AND RELATED ISSUES





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Head of Department:

Goran Šunjević, B.Sc. Civ. Eng, Head of Department

Head of Security Service:

Vojislav Trbović

The Department for Technical and Other Related Issues consists of:

- 1. Technical service
- 2. Security service
- 3. Central Kitchen
- 4. Laundry
- 5. Boiler room
- 6. Car fleet
- 7. Treatment of infectious waste

Activities of the Department:

The main activity of the Technical service is the execution of maintenance works and the adaptation of the premises of the Institute's facilities. The working hours of the Service is 07-15.00. The Institute's Security service is engaged in security of mobile and immovable property and life of patients and employees, as well as access control and traffic restrictions within the Institute. Working hours are 00-24 hours.

Central kitchen prepares 3 meals a day for all lying patients. Working hours of Central kitchen is 06-19.00.

Laundry is in charge of washing, ironing and sewing laundry, linens and uniforms. Working hours of the Laundry are from 06-19.00, Saturday 06-14.00.

The boiler room provides water and steam used for the Kitchen, Laundry and heating of sanitary hot water and heating of the Institute. The working hours of the Boiler room are 00-24 hours from Monday to Sunday.

The Car fleet carries patients as well as employees. The working hours of the Car fleet is 07-19 hours on Tuesdays, Wednesdays and Fridays, Mondays and Thursdays from 00-24.00. Activities related to the treatment of infectious waste concern the destruction of medical infectious waste and are carried out on 06-14.00 hours.

Technical service, laundry and ironing facilities, boiler room and car fleet are located in a separate building, while the kitchen is part of the hospital building itself.

Goran Šunjević, B.Sc. Civ. Eng, Head of Department, Vojislav Trbović, Head of Security Service



Publications:

- 1. Специјална ортопедска-хируршка болница "Бањица" Београд 1961-1971, Ракић Ц., Београд, Специјална ортопедска-хируршка болница "Бањица", Београд, 1971.
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- 6. Дегенеративна обољења кука, Хирушко лечење, Златић М., Радојевић Б., "Београд", Београд, Напредак, Лесковац, 1989.
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- 11. Вежбе за бебе, Кад би све бебе на свету, Милинковић 3., Вујадиновић Д., Адвик, Београд, 1993.
- 12. Обољења дечјег кука, Вукашиновић 3. и сарадници, Специјална ортопедско-хирушка болница Бањица, Београд, 1994.
- 13. Ацетабулопластика двоструком некомплетном остеотомијом безимене кости карлице, Георгијевић Љ., Савремена Администрација, Београд, 1995.
- 14. Паралитичка дислокација кука код церебралне парализе, Чобељић Г., Задужбина Андрејевић, Београд, 1997.
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пинарининиципина

Informator o radu Instituta za ortopedsko-hirurške bolesti "Banjica," version 3 (2016)

http://www.iohbb.edu.rs

All texts about Departments taken from site IOHB "Banjica"





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