



**BAŞKENT UNIVERSITY  
HEALTHCARE GROUP**



**CARDIAC  
CENTER**

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### *Heart Transplantation Unit*

Treatment program at this field began in 2002 and currently it is one of the busiest transplantation centers in our country. Special attention is paid to the terminal stage heart failure patients and especially who have complex congenital heart diseases.

### *Thoracic Surgery Unit*

Surgical treatments of all intrathoracic diseases, mainly lung cancers, restoration of chest wall structural deformities, cystic and inflammatory diseases of lungs are performed. VATS (video aided thoracoscopic surgery) which is getting more popular at recent years is a surgical approach to intrathoracic pathologies. Especially the video operation of hyperhidrosis (sympatectomy) which has hand and arm sweating symptoms is successfully treated in our clinic.

### *Vascular Surgery Unit*

It has been established to provide a specific point of view to both surgical and medical treatment of vascular diseases. Outpatient care is provided to more than 4.000 patients annually. All kind of arterial system treatments are being performed in medical and surgical point of view, including vasodilatation therapies, carotid endarterectomies and distal limb bypass surgeries. Thermocoagulation, sclerotherapy, endovenous treatments in the treatment of varicose veins are performed; a separate unit has been established for the treatment of post-thrombophlebitic syndrome, lymphedema and venous ulcer treatments.



This unit is also the pioneer in our country for endovascular stent graft applications in aortic aneurysms, performing operations successfully for the patients who are convenient for this process.

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services are provided and the patients with severe heart failure that require heart transplantation are prepared for transplantation. Infants and children are followed up in Intensive Care Unit before and after heart operation by Pediatric Cardiologists. People at adult age with congenital heart disease are followed with the Cardiologists. In our hospital, all available interventional cardiac treatment methods which are internationally approved are applied to infants and children. Fetal Echocardiography which provides the diagnosis of congenital heart diseases during pregnancy before the delivery is performed by experienced Pediatric Cardiologists and the follow up and treatment of the babies after birth are guided.

## **CARDIOVASCULAR SURGERY UNITS**

### *Pediatric Cardiac Surgery Unit*

One of the priorities of this unit has been surgical treatment of congenital heart diseases since its foundation. Recently, this unit is one of the most distinguished centers of our country. Also it is one of the most busy units in Europe, performing approximately 650 surgeries on children every year, particularly accepting newborns and babies in the first year of life.

### *Adult Cardiac Surgery Unit*

More than 25,000 heart operations have been performed since its establishment in 1986 till 2014. More than 1000 adult cardiac operations are performed per year recently. The patient profile is mostly consisted of coronary artery, valve surgeries and heart transplantation. Diagnostic units and operating conditions are planned to serve for 24 hours for the possible emergency situations specific for coronary heart diseases.

At Baskent University Heart Centers, a team of world-class cardiologists, pediatric cardiologist, cardiac surgeons, pediatric cardiac surgeons, cardiac anesthesiologists, cardiac nurses, cardiac radiologists and other paramedical personnel, each specialized in specific forms of heart disease, work closely together to offer leading treatments and preventive care for both common and complex cardiac conditions. Besides, Baskent University Hospitals gather the various disciplines required to diagnose and treat patients of all ages under one roof. Each of our patient oriented specific program offers a team approach to diagnosis and treatment that involves a multidisciplinary team of physicians who are specialized in a particular type of heart condition.

Our first step of performing an open heart surgery on 10 May 1986 underlies our Cardiology success. Today, Baskent University Hospitals provide cardiovascular surgery service at 6 different centres and our medical staff perform more than 3.000 cardiovascular operations annually.



## WHY Baskent University Heart Centers?

- **One of the nation's largest heart transplant programs.** We are consistently recognized among the best and largest heart transplant programs of all ages in the country. Recognition is based on the number of transplants we perform, our transplant rates, and post-transplant survival rates.
- **More treatment options.** Our cardiology specialists participate in national clinical trials and perform the most advanced treatment methods using the latest technology available today. As a result, we offer a broader selection of medical, surgical, and minimally invasive options to more people of all ages, including those who are not considered candidates for treatment elsewhere.
- **Superior results.** Our high surgical volume brings superior outcomes. Studies show that major medical centers like ours, who treat high volumes of patients, achieve better results — including fewer complications, faster recovery, and better long-term survival rates.
- **A team approach.** Our cardiologists, surgeons, geneticists, imaging technicians, nurses, and others work together to get an accurate diagnosis and the best treatment for your condition. We keep your family physician informed and involved during the course of your care.
- **Life-saving initiatives.** Our efforts to improve cardiac care of all ages include an emergency

response protocol for heart attack that ensures patients to receive life-saving treatment as quickly as possible. As a result, we've helped to increase survival rates across Turkey for the most serious form of heart attack.

- **Long-term support.** Our cardiac prevention and rehabilitation program helps you to protect your heart, to lower your risk for heart disease and rehabilitate after heart surgery.

## CARDIOLOGY UNIT

Up to now, our department has provided retrieving health of thousands of patient, training of many young cardiologists and contributed to the development of medicine with the researches located in the prominent scientific publications.

All the clinical implementations in cardiology are applied successfully in our department by using the most recent technologies.

Our hospital's heart catheterization and angiography units serve for a very long time for the diagnosis and treatment of these patients. 24 hours of service is given in this extended and improved unit with new equipment that permits current diagnosis and treatment interventions. Faculty members who have worked for a long time in both diagnostic and treatment interventional processes are actively working in heart catheterization and angiography laboratory. About 2000 patients underwent coronary angiography in this laboratory annually. Within the heart catheterization and angiography unit, there is also an electrophysiologic process unit for diagnosis and treatment procedures of the patients with arrhythmia and syncope complaints. Also, in this unit, several permanent pacemakers, implanted

cardioverter defibrillators against sudden heart deaths which is a device like pacemaker and specific permanent pacemakers that support the heart muscle contractions for advanced heart failure treatment are inserted. Most recent technological Echocardiography devices are used in our department. Also follow-ups of patients with Heart Transplantation are done successfully in our department.

Close follow ups, advanced tests and treatments of the patients that need inpatient treatments are carried out in services designed with recent technology or in our intensive care unit.

## PEDIATRIC CARDIOLOGY UNIT

Başkent University Pediatric Cardiology Department is a center for referral of the cardiac from all over the country. In our department; infants and children with congenital and acquired cardiovascular diseases and rhythm problems are examined and treated.

Echocardiography, diagnostic and interventional heart catheterization and intensive care treatment

