

RWJBarnabas Health: A Leader in Cardiac Care

New Jersey residents have convenient access to the sophisticated diagnostic, surgical and preventative cardiology services offered by RWJBarnabas Health through a network of local and statewide specialists who work together to bring outstanding, seamless heart care to our communities.

Whether you are in need of treatment for high blood pressure, state-of-the-art diagnostic imaging, heart surgery or a heart transplant, our team of award-winning heart care specialists are here, closer to home, helping to build healthier communities.

- One of the top ten heart transplant programs in the nation by volume, recently reaching a milestone 1,000th transplant at New Beth Israel Medical Center.
- New Jersey's largest pediatric cardiology and cardiac surgery program.
- Leading specialists in cardiology, vascular disease and cardiac surgery at the forefront of innovation in critical cardiac care and the treatment of coronary artery and valvular diseases, heart rhythm disturbances, vascular disorders and heart failure.
- State-of-the-art technologies and surgical procedures.
- A network of cardiac rehabilitation programs and hundreds of preventative and wellness programs designed to strengthen and protect healthy hearts.



To make an appointment with one of New Jersey's top cardiologist, visit rwjbh.org/heart.

**Newark Beth Israel
Medical Center**

**RWJBarnabas
HEALTH**

201 Lyons Avenue
Newark, NJ 07112
rwjbh.org/heart

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Cardiac Care

Together, with RWJBarnabas Health, we've built New Jersey's most extensive heart care network.

**Newark Beth Israel | RWJBarnabas
Medical Center | HEALTH**



While you will receive a comprehensive Patient Guide upon admission to Newark Beth Israel Medical Center, we hope you find this quick reference welcome guide helpful as you prepare for your transfer and stay at the hospital.

About Newark Beth Israel Medical Center

First established in 1901, Newark Beth Israel Medical Center (NBIMC) is a 665-bed, teaching hospital that provides comprehensive health care for the region. Staffed with more than 800 physicians, 3200 employees, and 150 volunteers, our hospital is ready to provide you and your family with the quality care you need.

Newark Beth Israel Medical Center is home to one of the nation's 10 largest heart transplant programs, RWJBarnabas Health's Heart Failure Treatment and Transplant Program; New Jersey's only Advanced Lung Disease and Transplant Program; and a Valve Center that performs more cardiac valve procedures, including minimally invasive transcatheter aortic valve replacements (TAVRs). Our medical center is home to the most comprehensive robotic surgery center in the state, and we were the first hospital in NJ to establish an accredited sleep disorders center. The Frederick B. Cohen, MD, Cancer and Blood Disorders Center and the Healthcare Foundation of New Jersey Breast Health Center provide seamless integration of cancer prevention, specialized care and treatment options.

NBIMC is renowned for its many preventive health programs that promote wellness in the community. As part of RWJBarnabas Health, the largest health care delivery system in the state, we have access to advanced technology and a variety of medical specialists.

A Leader in Cardiac Care

NBIMC offers New Jersey residents convenient access to sophisticated diagnostic, surgical and preventative cardiology services, including advanced technologies, minimally invasive surgical techniques and access to the latest in cardiac research and clinical trials.

The hospital is home to leading specialists in cardiology, vascular disease and cardiac surgery, who are at the forefront of innovation in heart transplant, critical cardiac care and the treatment of coronary artery and valvular diseases, heart rhythm disturbances, vascular disorders and heart failure.

Cardiology and Interventional Cardiology

NBIMC's outstanding cardiologists are also leading researchers who are influencing modern cardiovascular medicine. They include some of the nation's top specialists in cardiac imaging and interventional cardiology, offering patients access to the most advanced tools for diagnostic and therapeutic interventions.

Cardiac Imaging

In addition to providing the most advanced and thorough cardiac imaging services, state-of-the-art techniques support NBIMC's cardiac surgeons in the planning of complex cardiothoracic procedures and are a resource in the management of complex cardiac disease. Performed and interpreted by a qualified and experienced team, sophisticated imaging offers highly detailed and specific information regarding the structure of your heart and its function.

Pediatric Cardiac Surgery

The Children's Heart Center at Children's Hospital of New Jersey at NBIMC is the state's largest and most comprehensive center for diagnosis and treatment of children with heart problems, adults with congenital heart disease, and for expectant mothers whose fetus may have a heart problem.

The Children's Heart Center is the only program in New Jersey that can provide the complete range of medical and surgical treatments for the most complex cardiac abnormalities. From fetal echocardiography to life-long care for adults with congenital heart disease, families turn to our experienced team of cardiac specialists for the finest care close to home.

Cardiothoracic Surgery

NBIMC's premier cardiac services provide immediate access to highly sophisticated heart surgery. Members of the surgical team are recognized as national leaders in the field of cardiothoracic surgery and are advancing the latest minimally invasive techniques to offer patients faster recovery times with fewer complications.

Screening and Prevention

From elementary school classrooms to senior centers, NBIMC's team of physicians, nurses, emergency medical technicians and nutritionists are educating the community about how to keep their hearts strong and offering prevention and wellness programs designed to strengthen and protect healthy hearts.

Heart Transplant

The Heart Failure and Transplant program at Newark Beth Israel Medical Center is one of the most experienced and comprehensive programs in New Jersey and one of the 10 largest programs in the United States. It is the site of the first heart transplant in New Jersey and in 2017, celebrated more than 1,000 hearts transplanted.



Ventricular Assist Devices

For those who do not qualify for a heart transplant, another option may be a ventricular assist device (VAD) and NBIMC is a leader in the field. VADs are commonly used as a temporary treatment for people waiting for a heart transplant (bridge-to-transplantation), who are not currently eligible for a heart transplant because of other medical conditions (bridge-to-candidacy), who have heart failure and must wait until their heart is healthy enough to pump blood on its own again (bridge-to-recovery) or if you have heart failure but aren't a good candidate for a heart transplant (destination therapy).

Diseases and conditions treated by Newark Beth Israel Medical Center's cardiac team:

- Amyloidosis
- Aneurysms: abdominal, aortic, thoracic and peripheral
- Angina
- Aortic dissection
- Aortic stenosis
- Atherosclerosis and arteriosclerosis
- Atrial fibrillation
- Atrial flutter
- Atrial regurgitation
- Cardiac tamponade
- Cardiac tumors
- Cardiovascular genetic diseases
- Cardiomyopathy
- Carotid artery disease
- Congenital heart disease
- Coronary artery disease
- Deep vein thrombosis
- Edema
- Endocarditis
- Fainting/syncope
- Heart arrhythmias
- Heart attack/myocardial infarction
- Heart failure
- Heart valve disease
- High blood cholesterol
- High blood pressure
- Lymphedema
- Myocarditis
- Pericardial effusion
- Pericarditis
- Peripheral artery disease
- Pregnancy and heart disease
- Pulmonary hypertension
- Rheumatic fever
- Renal artery stenosis
- Spontaneous Coronary Artery Dissection (SCAD)
- Stroke
- Sudden cardiac arrest
- Thoracic outlet syndrome

Procedures and treatment options offered at Newark Beth Israel Medical Center:

- **Cardiac Catheterization**
 - Angioplasty and stent replacement
 - Branch stent grafts
 - Endovascular repair
 - Balloon pumps/mechanical circulatory Support congenital adult and pediatric procedures
 - Chronic total occlusion
 - Dialysis access
- **EP**
 - Ablation
 - Implantable Cardioverter Defibrillator (ICD)
 - Left Atrial Appendage Closure (LAAC)
 - Watchman
 - Pacemaker implantation
 - Leadless pacemaker (Micra)
 - Cardiac Resynchronization Therapy (CRT)
 - Transvenous lead extraction
 - Cardioversion
- **Structural Heart**
(Non-invasive surgical alternatives)
 - Transcatheter Aortic Valve Replacement (TAVR)
 - Transcatheter mitral valve repair (TMVR)
 - Mitraclip
- **Extracorporeal Membrane Oxygenation (ECMO)**
- **Cardiac Surgery**
 - Aneurysm repair
 - Aortic Root repair and replacement
 - All valve repair and replacement
 - Coronary artery bypass grafting
 - Ventricular Assist Devices (VADs)
 - Heart and lung transplantation
 - Congenital heart surgery (Adult & Pediatrics)
 - Septal myectomy
 - Mini-maze
- **Vascular**
 - Endarterectomy
 - Peripheral bypass surgery
 - Thrombectomy/embolectomy
 - Varicose vein treatment

Visitor Information

Visiting Guidelines

To provide quality care and privacy to our patients and to foster a healing environment, we ask that you observe the preferred visiting hours of 8 am to 9 pm. Please note that visiting hours may differ based on the location of your family member.

Parking

The visitor parking garage is located on Osborne Terrace. Please remember to bring your ticket into the hospital with you as you will need to pay prior to leaving. The pay stations are located in both lobbies. Valet parking is also available for a fee.

Dining

The Green Room Restaurant

Located in the main lobby; open 24 hours a day, except Sundays when it closes at 9 pm and reopens at 6 am on Monday.

The Gourmet Café

Located in the new main lobby; open 7 days a week, from 6 am to 9 pm.

Local Accommodations

There are several hotels conveniently located near NBIMC, including but not limited to:

- *Best Western Plus Newark Airport West:* (973) 621-6200
- *Holiday Inn Newark Airport:* (973) 242-0900

Lori's Gift Shop

Located in the main lobby, open Monday to Friday, from 8:30 am to 8 pm; and Saturday and Sunday from 11 am to 5:30 pm

Important Phone Numbers

<i>Main Hospital Number:</i>	(973) 926-7000
<i>Cardiac Electrophysiology:</i>	(973) 926-8590
<i>Cardiac Non-invasive Lab:</i>	(973) 926-7475
<i>Cardiac Rehabilitation:</i>	(973) 926-7388
<i>Cardiology:</i>	(973) 926-7852
<i>Cardiac Transplantation:</i>	(973) 926-7205
<i>Nuclear Medicine:</i>	(973) 926-7887
<i>Patient Information:</i>	(973) 926-8000
<i>Retail Pharmacy:</i>	(973) 926-7422
<i>Vascular Non-invasive Lab:</i>	(973) 926-7591

WiFi

RWJBarnabas Health offers patients and families **free** WiFi internet access.

- Step 1:* Locate the WiFi settings on your device and add our network name in all caps: BHGUEST
- Step 2:* Set the security type to WPA2/WPA2-PSK
- Step 3:* Enter the password: bhwifi!!

