



Heart and vascular

Heart failure
 Vascular medicine
 Vascular surgery
 Cardiac electrophysiology
 Interventional cardiology
 Cardiac rehabilitation



Innovative cardiovascular care

Heart disease is the No. 1 cause of death in the United States. That's why our team of more than 85 cardiovascular specialists is committed to the prevention, diagnosis and treatment of heart and vascular conditions. As part of your patient's care team, our specialists work with you to provide life-changing care with the latest technologies and treatment options.

Our comprehensive team of specialists

Novant Health Heart and Vascular Institute uses a comprehensive approach to diagnosing and treating heart and vascular conditions. Our team of specialists includes noninvasive cardiologists, interventional cardiologists, cardiothoracic and vascular surgeons, radiologists, APCs, electrophysiologists, ultrasonographers, nurse navigators, nutritionists, social workers and pharmacists. Working together with you and your patient, this team helps determine a treatment plan to achieve the best possible outcomes.

Leading-edge expertise

Through groundbreaking research and innovations in heart care, cardiovascular conditions are more treatable than ever before. You can trust our expert clinicians to provide you with the latest heart and vascular tests and surgical and non-surgical treatment options — from prevention and medication management to pacemaker implantation, minimally invasive repairs and open-heart surgery.

Please see reverse for a detailed listing of our extensive services.

Quality assurance

- Several Novant Health facilities are recognized among the top 10 percent nationally for heart attack treatment.
- Our average door-to-balloon time is 45 minutes for treating heart attacks, placing Novant Health in the top 10 percent nationally.
- Several of our facilities hold the highest level of chest pain center accreditation by the Society of Cardiovascular Patient Care.
- Multiple facilities earned Gold or Gold Plus level Get With The Guidelines heart failure and stroke accreditations by the American Heart Association.
- Novant Health HVI surgical specialists were among the first in the nation approved to use minimally invasive surgical techniques.
- We conduct multidisciplinary conferences to review patients with unusual or challenging vascular conditions.

Connect with us to learn more



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To make a referral, call 1-833-HVI-4811 or email NHHeartandVascular@NovantHealth.org, and a referral specialist will respond within 24 hours.



Comprehensive heart and vascular services

Heart failure

- Treatments for narrowed or blocked arteries (enhanced external counterpulsation, or EECP)
- Personalized, evidence-based medical therapy
- Evaluation and referral for bi-ventricular pacemaker or implantable cardiac defibrillator (ICD) implantation
- CardioMEMS heart failure monitor device implantation
- Home inotrope infusion therapies
- Intensive patient education program
- Cardiopulmonary stress testing
- Heart failure support group and services, including nutrition counseling and pharmacy services

Cardiac electrophysiology

- Arrhythmia and atrial fibrillation treatment
- Cardioverter defibrillator implantation (ICD)
- Watchman atrial appendage occlusion device placement
- Ablation therapies for atrial fibrillation, SVT and ventricular arrhythmias
- Device management clinic
- Device implantation, including pacemaker, leadless pacemaker, cardiac resynchronization therapy (CRT) device, implantable cardioverter defibrillator (ICD), implantable loop recorder and lead extractions

Cardiac rehabilitation

- Three-month specialized program offering nutrition counseling, exercise therapy, smoking cessation assistance and risk factor education
- Patient and caregiver counseling

Cardio-oncology

- Cardiovascular clearance for cancer therapeutics
- Management of cardiotoxicity on antineoplastic treatment
- Cardiotoxicity surveillance with cardiac MRI and biomarkers
- Surveillance for late cardiovascular effects in cancer survivorship program

Open and minimally invasive surgical treatment options

- Aortic, mitral and tricuspid heart valve repair and/or replacement
- Arrhythmia surgery
- Artificial heart pumps
- Septal myectomy

Interventional cardiology

- Adult congenital heart disease care
- Carotid and coronary artery disease care
- Transcatheter aortic valve replacement (TAVR)
- Transcatheter mitral valve repair (TMVR)
- Alcohol septal ablation
- ASD, VSD and PFO closure
- Left atrial appendage closure device implantation

Vascular surgery and medicine

- Aortic aneurysm treatment
- Aortic dissection care
- Delayed healing arterial or venous wounds
- Limb preservation program, including vascular reconstructive surgery and hyperbaric oxygen therapy
- Thoracic outlet syndrome release
- Complex thoracic aortic repair
- Spinal exposure vascular procedures
- Vascular medicine research
- Endovascular aneurysm repair
- Percutaneous venous and thromboembolic treatment
- Vascular ultrasound testing and interpretation
- Peripheral vascular disease treatment, including balloon angioplasty, stenting, cutting balloon treatment, atherectomy, thrombolysis and other leading-edge techniques