

Duke Valve and Structural Heart Program

High-volume valvular and structural heart disease program



A doctor on call 24 hours a day, 365 days a year for urgent concerns



Recognized reference center for outcomes in mitral valve repair surgery*

What We Treat

Our experienced team works with you and other Duke specialists to help treat conditions of the heart valves, walls, or chambers, including, but not limited to:

- Aortic stenosis
- Aortic valve regurgitation
- Atrial septal defects
- Bicuspid aortic valve disease
- Hypertrophic cardiomyopathy
- Mitral valve prolapse
- Mitral valve regurgitation
- Mitral valve stenosis
- Patent foramen ovale
- Prosthetic valve dysfunction
- Tricuspid valve regurgitation

We have expertise in caring for patients with all stages of structural heart conditions, including patients who may need ongoing monitoring over time or further assessments of their disease severity. Throughout your patient's evaluation and treatment, we will communicate clinical updates with you in a timely manner to seamlessly transition your patient back to your care.

Why Refer to Duke

Our team has extensive experience in the repair and replacement of heart valves, including minimally invasive or robotic heart surgery and transcatheter valve therapies. Our team includes cardiologists, interventional cardiologists, and cardiac surgeons with advanced training and extensive experience in structural heart and valvular disease.

We are available for a second opinion or comprehensive care management, including for patients with complex, comorbid medical conditions, and help to co-manage patients. Our heart team is supported by collaboration with all specialists at Duke as well as advanced medical technology and facilities, including state-of-the-art cardiac imaging, catheterization labs, and two hybrid operating rooms.

We screen every patient for clinical trial eligibility and our team actively participates in research trials to advance novel treatments of structural heart disease and improve on surgical outcomes.

To refer a patient, log in to Duke MedLink or call 919-681-5816.



*Recognized as a 2024 Mitral Valve Repair Reference Center Award Program by the Mitral Foundation