

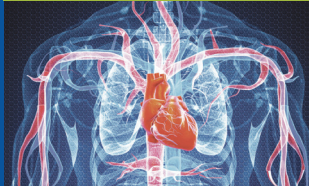


Duke Center for Aortic Disease

High-volume aortic program,
with specialized focus on complex
interventions and treatments for
excellent patient outcomes



Genetic evaluation and counseling for patients
and families affected by hereditary aortic
conditions and diseases



A sub-specialty trained aortic
surgeon on call 24 hours a day,
365 days a year for urgent concerns

Overview

We offer a comprehensive multidisciplinary aortic team evaluation and innovative evidence-based treatment for your patients with all types of aortic disease including, but not limited to:

- Aortic valve repair and valve-sparing aortic root repair
- Aortic root, ascending and descending thoracic aneurysms
- Aortic arch disease, including congenital abnormalities (Kommerell's diverticulum and other arch variants)
- Coarctation of the aorta
- Aortic disease related to Bicuspid Aortic Valve syndrome
- Abdominal aortic aneurysms
- Aortic dissections, including acute and chronic Type A and Type B
- Aortic occlusive disease
- Aortic-related heritable connective tissue disorders (HCTD) and heritable thoracic aortic disease (HTAD), including Marfan syndrome, Ehlers-Danlos syndrome (EDS), and Loeys-Dietz syndrome (LDS)
- Ruptured abdominal and thoracic aneurysms
- Thoracoabdominal aortic aneurysms

Why Refer to Duke

Our care team includes cardiac and vascular aortic surgeons, cardiologists, and cardiovascular geneticists, and collaborates with all specialists at Duke.

We have expertise in caring for patients with all stages of aortic conditions, including patients who may need ongoing monitoring or further assessments of their disease severity. We work with patients to minimize future aortic events through active surveillance, education, and risk-factor modification.

We offer both second opinion or comprehensive care management, including for patients with complex, comorbid medical conditions, and help to co-manage patients with referring providers. Our advanced medical technology and facilities include state-of-the-art aortic and cardiac imaging, catheterization labs and three hybrid operating rooms.

Throughout your patient's evaluation and treatment, we will communicate clinical updates in a timely manner to seamlessly transition your patient back to your care.

Our team is nationally and internationally recognized as leaders in research around all aspects of aortic disease, including access to clinical trials which may allow your patient to receive novel and less-invasive treatments not available elsewhere.

**To refer a patient, log in to Duke
MedLink, or call 919-684-4117.**



DukeHealth



Procedures Available

If surgery is required, our team evaluates each patient's unique aortic condition, the severity of the condition and their overall health status to determine the most appropriate approach. Our team has extensive experience with both open and endovascular surgeries, including transcatheter and hybrid procedures. For appropriate patients, our team will use the least-invasive procedure.

Options at Duke include:

Abdominal aortic aneurysm repair and replacement

- Branched endovascular Iliac repair (IBE)
- Chimney endovascular aortic repair (ChEVAR)
- Endovascular aneurysm repair (EVAR)
- Fenestrated-branched endovascular aortic repair (FB-EVAR)
- Open aortic repair and replacement

Thoracic aortic aneurysm repair

- Aortic root repair and replacement
- Elephant trunk repair
- Debranching procedure
- Open aortic repair and replacement
- Transcatheter aortic valve replacement (TAVR)
- Thoraco-abdominal repair
- Thoracic endovascular aortic repair (TEVAR)

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