

STRUCTURAL HEART SERVICES

AT UW MEDICINE REGIONAL HEART CENTER



What is Structural Heart Disease?

Structural heart disease encompasses conditions due to abnormalities of the heart's structures, above and beyond coronary artery disease.

Structural Heart Services refers to our Multidisciplinary Heart Team that evaluates and treats these conditions, typically through catheter-based, minimally invasive therapies. In addition to traditional surgical approaches, we offer:

Transcatheter aortic valve replacement (TAVR) and transcatheter valve-in-valve (VIV) replacement for failed surgical prosthetic valves

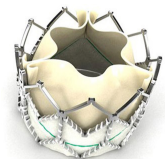
FDA-approved transcatheter aortic valves via a transfemoral or alternate access (transapical, transaortic, subclavian) approach
Edwards Sapien and Sapien XT • Medtronic CoreValve and CoreValve Evolut R



Medtronic CoreValve

Other transcatheter aortic valves are available or pending through research protocols

Sapien 3 • Boston Lotus • Direct Flow



Sapien XT Valve

Percutaneous mitral valve repair

- Balloon mitral valvuloplasty for rheumatic mitral stenosis
- Abbott Mitraclip for mitral regurgitation

Left atrial appendage occlusion to prevent thromboembolic events/stroke due to atrial fibrillation

- Boston Scientific Watchman Device

Left ventricular apical partitioning

- Device available through research protocol



Mitraclip

(over)



How do I refer my patient or contact the SHS providers?

The patient care coordinator can be reached at **206.598.8258 (598-VALV)**; fax to **206.598.3037**. If you have any other questions or need further information, you may also contact the Physician Liaison, Laura Matheson, at **206.598.3473** or **mathla@uw.edu**.

Percutaneous closure of adult acquired or congenital heart defects

- Patent foramen ovale/atrioseptal defects
- Ventricular septal defects
- Right ventricular outflow tract obstruction with the Medtronic Melody valve



Medtronic Melody valve

Why Structural Heart Services at UW Regional Heart Center?

- **You and your patients come first and foremost at UW Medicine**
- **You and your patients are at the core of the Heart Team** – you know your patients, and we need your expertise to care for them
- We aim to ensure that **your experience with UW Medicine is excellent, with every patient, every time**
- We have access to the **newest, least invasive therapies, unavailable at any other site in the region**
- We have an expert **Heart Team with more expertise than any other team** in the region, including:
 - National leaders in transcatheter valve replacement and valve program development (Tom Jones, MD, Elizabeth Perpetua, ARNP, Mark Reisman, MD)
 - Co-Chair the ACC/AHA national guidelines on valvular heart disease (Catherine Otto, MD)
 - Authors for multi-professional society statements on transcatheter valve replacement and transcatheter valve program development (Gabriel Aldea, MD and Larry Dean, MD)
 - Co-Director for international courses on transcatheter valve therapies (Mark Reisman, MD)
- We have the **infrastructure to care for these complex patients**, including:
 - A world-class, accredited echocardiography lab
 - World-class treatment of complex coronary artery disease
 - Full advanced heart failure/ventricular assist device and transplant service
 - 24-hour cardiothoracic intensive care services led by cardiac surgery, cardiac anesthesiology, critical care medicine
 - Full scope of ancillary services such as social work, nutrition, respiratory therapy, physical/occupational/speech therapy and other subspecialists
- We have **outstanding experience, unmatched by any other site in the region**, with over 600 cases completed.
- **We aim to partner with you and return your patient to your care after their evaluation and treatment at UW Medicine**