

Cutting edge treatments for valve disease.

The valves in your heart keep blood flowing in the right direction. When one of these valves gets too narrow, or no longer closes correctly, it can keep your body from getting the blood it needs.

The URMC Heart & Vascular Center provides the most advanced treatments for valve disease. For example, we are a comprehensive center for aortic valve disease including valve sparing surgery and transfemoral valve therapy.

We offer a true multidisciplinary approach, bringing together experts who work collaboratively to determine the very best option for you.

The region's leader in advanced valve care.

- Our doctors are involved in research on the latest devices for the treatment of valve surgery.

- We have expertise in every method for treating valve disease, including medication, open surgery and minimally invasive approaches. As a result, we are able to select the ideal treatment for each patient.
- We are constructing a brand new hybrid Catheter Lab/OR to provide advanced valve care in an exceptionally safe environment.
- We are the only center in the area that provides mitral valvuloplasty, a minimally-invasive treatment for mitral valve disease.
- We are the only valve center in the region that is part of an Academic Medical Center, where patients find the very latest treatments and the highest standards of care.



True multidisciplinary care.

Our team approach starts the first time we meet a patient. Each patient is seen by both a cardiothoracic surgeon and a cardiologist. Our doctors then meet in a collaborative conference to discuss the best options for each patient. Multidisciplinary care goes beyond our surgeons to include every expert you need: geriatricians, anesthesiologists, nurse practitioners, imaging specialists, nutritionists, occupational therapists, physical therapists and social workers.

Heart Valve Disease

Conditions we treat.

The URMCM Heart & Vascular Center treats all forms of valve disease. So no matter how rare or complex your condition, you will always be able to get the care you need in one place.

- Acquired valve disease
- Aortic valve regurgitation
- Aortic valve stenosis
- Bicuspid valve disease
- Congenital valve disease
- Dilation of the valve annulus
- Fibro-calcific degeneration
- Mitral valve prolapse
- Mitral valve stenosis
- Stretching or Tearing of Chordae Tendineae/Papillary Muscles

One number for excellent care.

For more information on our care for valve disease, or to set up an appointment, please call us today. With just one phone number for every heart and vascular need, we make getting the care you need simple:

call 585-275-2877

or visit us at heart.urmc.edu.

Treatments we provide.

The URMCM Heart & Vascular Center provides the full range of treatments for valve disease, including medical treatment, open surgery and catheter-based procedures.

We are the only center in the area that offers the very latest minimally-invasive techniques. In some cases, these procedures are the only option for high-risk patients.

- Advanced port-access surgery for mitral valve repair and replacement
- Aortic valve repair
- Balloon valvuloplasty for aortic stenosis
- Balloon valvuloplasty for mitral stenosis
- Complex aortic root construction
- Complex mitral valve repair
- Minimally invasive aortic valve replacement
- Percutaneous closure of prosthetic valve paravalvular leaks
- Ross procedure (replacing aortic valve with patient's own pulmonary valve)
- Valve-sparing aortic root replacement
- Transcatheter Aortic Valve Implementation (TAVI)



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