



# William Acquavella Heart Valve Center

Innovative Approaches  
for Valve Repair and  
Replacement





## **Achieving Excellent Outcomes**

At the William Acquavella Heart Valve Center at NewYork-Presbyterian/Weill Cornell Medical Center, patients benefit from an experienced multidisciplinary team of caring and dedicated heart valve specialists. We offer minimally invasive catheter-based and hybrid surgical procedures to restore health in patients with a range of heart valve problems and other structural heart defects.

Using the most advanced heart valve repair and replacement approaches, our team achieves superior outcomes for our patients.

## Why Choose Us for Heart Valve Care?

### A Team of Experts

Patients have access to a comprehensive team that includes cardiac surgeons, interventional cardiologists, cardiac anesthesiologists, heart failure specialists, echocardiographers, cardiac imaging specialists, nurse practitioners, and nurses. We bring together the specialists needed to address each patient's heart valve disorder and provide personalized, compassionate care. The Acquavella Center features a multidisciplinary team led by cardiothoracic surgeons Karl H. Krieger, MD, Vice Chairman of Cardiothoracic Surgery, and Stephanie L. Mick, MD, Director of Robotic and Minimally Invasive Cardiac Surgery, and interventional cardiologists Shing Chiu Wong, MD, Director of the Cardiac Catheterization Lab, and Geoffrey W. Bergman, MD, Associate Director of the Cardiac Catheterization Lab.



## Leaders in Research

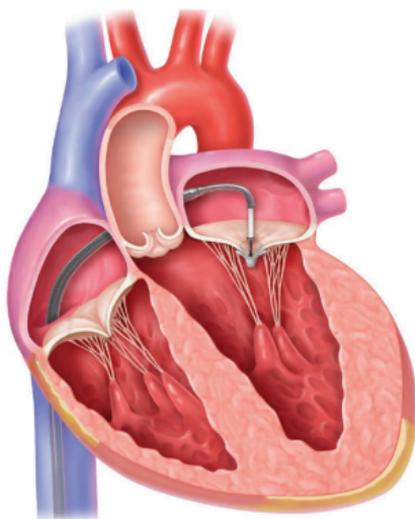
Weill Cornell Medicine researchers played a leading role in the clinical trials assessing the latest percutaneous valve replacement approaches — including the PARTNER Trial evaluating transcatheter aortic valve replacement (TAVR) and the EVEREST II and COAPT Trials for MitraClip® — giving us more experience than most centers in these emerging new techniques.

## Clinical Trial Opportunities

Through our participation in ongoing clinical trials, we have the opportunity to offer heart valve therapies that may not be available at other centers.

## Heart Valve Procedures

**MitraClip®** We perform implantation of Abbott's MitraClip, the world's first percutaneous mitral valve therapy for select patients with mitral regurgitation (MR) who would be at high risk for mitral valve surgery.



### **WATCHMAN™**

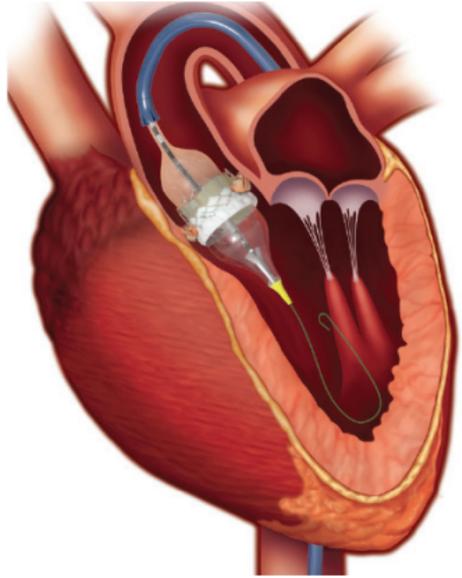
Our doctors perform occlusion of the left atrial appendage (LAA) — where most stroke-causing blood clots form — in patients with atrial fibrillation. The WATCHMAN device can be placed in select patients who are at risk for stroke due to atrial fibrillation but are unable to tolerate standard anticoagulation therapy. This device permanently closes off the LAA to prevent blood clots from escaping and traveling to the brain.

**Paravalvular Leak Closure (Mitral or Aortic)** Our valve specialists repair paravalvular prosthetic regurgitation percutaneously in select high-risk patients who are experiencing symptoms.

## Transcatheter Aortic Valve Replacement (TAVR)

Our team has been at the forefront of treating aortic stenosis with TAVR, performing this procedure since 2009 and completing over 1,300 cases.

Specializing in four different approaches — utilizing the Edwards Sapien, Medtronic and Boston Scientific transcatheter heart valves — we are able to safely perform TAVR in patients with unique anatomical or physiological concerns.



## Valve-in-Valve TAVR

We offer transcatheter heart valve implantation as a viable, a less invasive alternative to reoperation in select patients who have failing bioprosthetic aortic valves.



**Valve-in-Valve TMVR** Our team performs transcatheter mitral valve replacement (TMVR), a highly specialized technique which we offer as an alternative for patients with failing bioprosthetic mitral valves.

## A top 5 hospital in the Country

NewYork-Presbyterian the #4 heart program in the country per US News, is one of the nation's most comprehensive, integrated academic healthcare delivery systems, dedicated to providing the highest quality, most compassionate care and service to patients from the New York metropolitan area, across the country, and around the globe. In collaboration with two renowned Ivy League medical schools — Weill Cornell Medicine and Columbia University Vagelos College of Physicians and Surgeons — NewYork-Presbyterian is consistently recognized as a leader in medical education, groundbreaking research, and innovative patient care. *U.S. News & World Report* ranks NewYork-Presbyterian as the #1 hospital in New York and a top five hospital in the nation.

### Refer a Patient

All patients with aortic valve stenosis can be considered for TAVR and select patients with mitral regurgitation can have catheter-based repair. We encourage physicians to refer patients to us for a thorough evaluation so we can make an accurate diagnosis of the patient's condition and assemble the most appropriate treatment plan. To refer a patient for TAVR or MitraClip or to make an appointment for a consultation for any heart valve procedure, contact:

Telephone: 646-NYP-VALVE (646-697-8258)

Fax: 212-746-8432

Email: [cornellheartvalve@nyp.org](mailto:cornellheartvalve@nyp.org)

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### NewYork-Presbyterian/Weill Cornell Medical Center

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[www.nyp.org/heart](http://www.nyp.org/heart)

AMAZING  
THINGS  
ARE  
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