

Giving Hope to Patients Unable to Tolerate Open-Heart Surgery

OhioHealth was First in Ohio for 'Groundbreaking' Heart Disease Trial

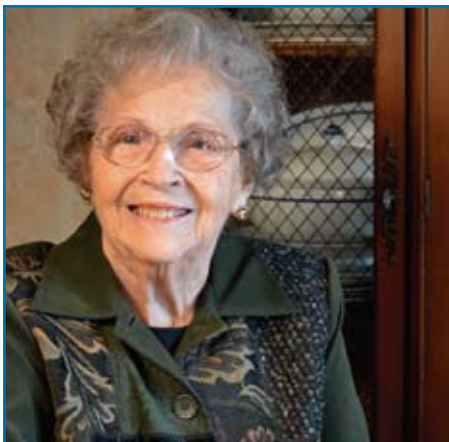
Eileen Moore knew her condition was serious and becoming worse. The 88-year-old from Mt. Vernon, Ohio credits her family with helping her seek out the best care available – care that has changed her life.

"I was very weak, dizzy and always short of breath, which made it almost impossible to do the simplest things, like cooking," Eileen said. "My cardiologist told me about this clinical trial. I can't begin to tell you what a difference this has made in my life. Three days after my surgery last October, I felt like doing somersaults! A month after, I was walking the aisles of the grocery, shopping for Thanksgiving, something I could never do before."

"This was a two-year process which resulted in the decision to have the surgery," added Eileen's son Gary. "We talked to the best hospitals in Columbus and Cleveland and based on the information we were provided, the level of communication and expertise, we felt Riverside Methodist was our best choice."

OhioHealth's Riverside Methodist Hospital is among a select group of leading U.S. hospitals and was first in Ohio to participate in a nationwide trial that gives hope to people with a life-threatening heart condition. The Medtronic® CoreValve U.S.Pivotal Clinical Trial is evaluating a non-surgical alternative to open-heart surgery for patients with severe aortic stenosis. This is an investigational device for transcatheter aortic valve implantation (TAVI).

"Severe aortic stenosis affects 100,000 people in the United States, about half of whom will die from the condition within two years if left untreated," notes Daniel R. Watson, MD, cardiothoracic surgeon and Director of Endovascular Medicine and Surgery at Riverside Methodist Hospital in Columbus, Ohio. "The standard treatment is



A month after her procedure, Eileen was able to help prepare a traditional Thanksgiving feast with her family.

open-heart valve replacement, but about one-third of patients are ineligible for open-heart surgery and half are at high risk for the surgery."

In early 2011, OhioHealth launched its Structural Heart Disease Patient Evaluation and Research Center which offers comprehensive evaluations by both cardiothoracic surgeons and interventional cardiologists, providing a convenient (one-stop) evaluation and treatment of patients with varying degrees of heart disease due to "structural" anatomical defects. The goal of the Center is to provide timely access to clinical research trials and procedural treatments often not available elsewhere.

"We consistently rank in the top 10 centers nationwide in terms of the number of patients who receive the CoreValve implant here at Riverside Methodist and we are excited to be a part of this important clinical investigation," says Steven Yakubov, MD, interventional cardiologist and Medical Director of Industry Studies for the OhioHealth Research and Innovation Institute. "This is just one of more than 100 heart and vascular clinical trials in which OhioHealth participates."

OhioHealth hospitals perform more than 1,500 open-heart surgeries annually, of which about one-third are for aortic valve disease, with 1,000 of these surgeries happening at Riverside Methodist. "This particular trial may offer hope for patients whose physical condition or age do not make them a viable candidate for open surgery," says Dr. Watson.

Eileen couldn't agree more. "Celebrating the holidays with my family this year was a blessing," she said. "Before the surgery, I would have been watching from the sidelines. This year, I was feeling so much better than I had in so long, and I can thank the caring staff and physicians at Riverside Methodist Hospital for that."

OhioHealth member hospitals include Riverside Methodist Hospital, Grant Medical Center, Doctors Hospital, Grady Memorial Hospital, Dublin Methodist Hospital, Doctors Hospital-Nelsonville, Hardin Memorial Hospital and Marion General Hospital.

For more information about this clinical trial, please call (614)566-3412 or visit OhioHealth.com/heartresearch

Riverside Methodist Hospital Firsts

- First in Ohio selected for the study
- First in Ohio to perform the CoreValve procedure
- First in Ohio to insert the device between the ribs into the aorta
- First in the United States to insert the device through the artery in the shoulder

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