

Baylor Scott & White Heart and Vascular Hospital – Dallas Among First Hospitals in the United States and the first in Texas to Use New Minimally-Invasive Valve Replacement Technology for Patients with Aortic Valve Disease

Newly FDA-Approved LOTUS Edge™ Valve System Offers Safe and Effective Alternative to Open Heart Surgery

Dallas, Texas July 2, 2019 --- Baylor Scott & White Heart and Vascular Hospital – Dallas is the first hospital in Texas to offer the LOTUS Edge™ Valve System to high-risk patients with severe aortic stenosis. This latest generation valve was approved by the U.S. Food and Drug Administration (FDA) recently.

As a minimally invasive alternative for these patients, the transcatheter aortic valve replacement (TAVR) device is delivered via a catheter-based procedure to restore proper valve function. During the TAVR procedure, a physician makes a small incision in the leg (transfemoral approach), upper chest (direct aortic approach) or shoulder (subclavian approach) to access the vasculature, and then guides the new valve into position to replace the failing aortic valve. Once in place, the device expands and takes over the original valve's function to enable blood to flow efficiently out of the heart. Interventional cardiologists and cardiothoracic surgeons on the medical staff at Baylor Scott & White Heart and Vascular Hospital – Dallas have been performing TAVR procedures in patients with aortic stenosis for more than eight years and have surpassed 1,000 TAVR procedures during this period of time.

Over the past several years, a variety of valves have been FDA approved for TAVR. The multidisciplinary clinical team at the Center for Valve Disorders, including interventional cardiologists, noninvasive cardiologists, cardiothoracic surgeons and cardiac imaging specialists, reviews each patient individually and determines which valve (approved or in a clinical trial), provides the best outcome.

In this most recent generation valve from Boston Scientific, the LOTUS Edge device is the only aortic valve approved by the U.S. Food and Drug Administration (FDA) that is 100 percent repositionable, which enables physicians to precisely place the new valve into an optimal position in the heart. The valve also features a braided valve frame and Adaptive Seal™ technology that minimizes paravalvular regurgitation or leaking by conforming to the patient's anatomy.

“This device adds to our toolkit to further our goal of being able to treat all patients with aortic stenosis, regardless of how challenging the anatomy,” says Robert Stoler, MD, MD, FACC, FSCAI, Co-Medical Director of Cardiology and Medical Director for the Catheterization Lab. “Being the first in the state of Texas to use this valve continues our legacy of being the ‘first’ to test and utilize all new technology.”

The aorta is the largest artery in the body and carries the entire output of blood. The aortic valve consists of three tightly fitting, triangular-shaped leaflets of tissue positioned between the left ventricle of the heart and the aorta.

Severe aortic stenosis occurs when the aortic valve does not open properly forcing the heart to work harder to pump blood through the body. The most common symptom of the condition is chronic shortness of breath, however; patients may also experience chest pains or dizziness. Research shows that left untreated, severe aortic stenosis has a 50 percent mortality rate at two years.

To make a referral to the Center for Valve Disorders at Baylor Scott & White Heart and Vascular Hospital – Dallas, please contact the team at 214.820.3504. The Center for Valve Disorders provides comprehensive evaluation, diagnosis and treatment plan for patients with any type of valvular heart disease. In addition to reaching the volume of greater than 1,000, the Center for Valve Disorders reports that the median length of stay for patients is now one day. More than 85 percent of post-TAVR patients are discharged home with no additional care required.

About Baylor Scott & White Heart and Vascular Hospital - Dallas

Founded in a tradition of research and innovation, Baylor Scott & White Heart and Vascular Hospital – Dallas† opened in 2002 as the region’s first and only dedicated hospital to heart and vascular care. The Dallas hospital is located on the main campus of Baylor University Medical Center - Dallas, a part of Baylor Scott & White Health. Baylor Scott & White Heart and Vascular Hospital – Dallas has cardiology services available at Baylor Scott & White All Saints Medical Center – Fort Worth. With more than 42,000 patient registrations annually, a broad array of advanced cardiac interventional procedures and vascular surgeries are available, as well as diagnostic imaging and cardiac rehabilitative services. Programs on wellness and prevention are offered for the community. For more information visit: www.BaylorHeartHospital.com or to find a specialist who performs TAVR, call 1.844.BSW.DOCS.

About Baylor Scott & White Health

As the largest not-for-profit health system in the state of Texas, Baylor Scott & White Health promotes the health and well-being of every individual, family and community it serves. An integrated care delivery network, the system includes the Scott and White Health Plan, Baylor Scott & White Research Institute and Baylor Scott & White Quality Alliance. Through 50 hospitals and more than 1,000 access points including flagship academic medical centers in Dallas and Temple, the system offers the full continuum of care, from primary to award-winning specialty care, throughout Texas, and via virtual touchpoints. If its service area were a state, it would be the eighth largest, providing care to a population larger than that of the state of Georgia. Founded as a Christian ministry of healing, Baylor Scott & White is proud to honor its century-long legacy through its commitment to improving accessibility, affordability and the customer experience for all. For more information, visit BSWHealth.com.

† Joint ownership with physicians.

Notice Regarding Physician Ownership: Baylor Scott & White Heart and Vascular Hospital is a hospital in which physicians have an ownership or investment interest. The list of the physician owners or investors is available to you upon request. Physicians provide clinical services as members of the medical staff at one of Baylor Scott & White Health’s subsidiary, community or affiliated medical centers and are neither employees nor agents of those medical centers, Baylor Health Care System, Scott & White Healthcare or Baylor Scott & White Health.

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