Dallas, Texas, April 2017 -- Baylor Jack and Jane Hamilton Heart and Vascular Hospital (BHVH) transcatheter aortic valve replacement (TAVR) team placed the first commercially approved Evolut™ Pro in the state of Texas. This is also the first Evolut Pro valve placed in a failed bioprosthetic aortic valve in the United States, adding to a long list of “firsts” in cardiovascular innovation at BHVH.

“The Evolut Pro has a unique ‘skirt’ around the valve that helps minimize leakage; one of the greatest potential risks for TAVR patients outcomes,” says Robert Stoler, MD, FACC, FSCAI, Co-Medical Director of Cardiology and Medical Director for the BHVH Catheterization Lab. “In this procedure, we replaced an old surgically implanted bioprosthetic aortic valve using a minimally invasive approach, without open-heart surgery.”

During a catheter-based TAVR procedure, an interventional cardiologist or cardiothoracic surgeon 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.

“The addition of the Evolut Pro valve to the program at BHVH continues to bring an advanced generation of research and commercially available valves to aortic stenosis patients in the North Texas region,” says Dr. Stoler. “We are pleased to have been the first in Texas and one of the first in the United States to use this new technology.”
Aortic stenosis is a common problem caused by a narrowing of the heart’s aortic valve due to excessive calcium deposits on the valve leaflets. When the valve narrows, it does not open or close properly, making the heart work harder to pump blood throughout the body. Eventually, this may cause the heart to weaken, potentially leading to heart failure and increased risk for sudden cardiac death.

Interventional cardiologists and cardiothoracic surgeons on the medical staff at BHVH have been performing TAVR procedures in patients with aortic stenosis for more than five years and recently reached their 500th TAVR.

About Baylor Jack and Jane Hamilton Heart and Vascular Hospital
Founded in a tradition of research and innovation, Baylor Hamilton Heart and Vascular Hospital† opened in 2002 as the region’s first and only dedicated hospital to heart and vascular care. Baylor Hamilton Heart and Vascular Hospital is located on the main campus of Baylor University Medical Center at Dallas with services also available at Baylor Scott & White All Saints Medical Center – Fort Worth. With more than 34,000 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 about Baylor Hamilton Heart and Vascular Hospital, visit: www.BaylorHeartHospital.com

About Baylor Scott & White Health
Formed from the 2013 merger between Baylor Health Care System and Scott & White Healthcare, the system referred to as Baylor Scott & White Health is the largest not-for-profit health care system in the state of Texas. With total assets of $10.8 billion** and serving a population larger than the state of Georgia, Baylor Scott & White Health has the vision and resources to provide its patients continued quality care while creating a model system for a dramatically changing health care environment. The system now includes 48 hospitals, more than 1,000 access points, 5,500 active physicians, and 44,000 employees, plus the Scott & White Health Plan, Baylor Scott & White Research Institute and Baylor Scott & White Quality
Alliance–a network of clinical providers and facilities focused on improving quality, managing the health of patient populations and reducing the overall cost of care. For more information visit, BSWHealth.com.

† Joint ownership with physicians.  
*Notice Regarding Physician Ownership: Baylor Jack and Jane Hamilton 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. 

** Based on unaudited 2016 fiscal year statements 

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