

Baylor Jack and Jane Hamilton Heart and Vascular Hospital Cath Lab Team Implants “first in US” 2.0 mm DES Stent

Uses Latest Stent Technology to Tackle Clinical Challenge of Treating Coronary Artery Disease in Previously Untreatable Patients

Yesterday, March 1, 2018, Robert Stoler, MD, FACC, FSCAI, Medical Director for Cardiac Catheterization, and the cardiac catheterization team at Baylor Jack and Jane Hamilton Heart and Vascular Hospital were the first in the United States to place a new commercially available drug-eluting stent called the Resolute Onyx™ 2.0 mm Drug-Eluting Stent. Medtronic, the developer of this stent, received U.S. Food and Drug Administration (FDA) approval for commercial use on February 28, 2018, one day prior to the Baylor Hamilton Heart and Vascular Hospital implant.

Due to the stent size, flexibility and maneuverability, the new stent allows percutaneous coronary intervention (commonly known by patients as angioplasty) to be performed on patients with very small vessels who suffer from coronary artery disease, the leading cause of death in the United States. Multiple generations of coronary stents have been extensively tested in clinical trials on the Baylor Dallas campus.

“We are pleased to add this to our tool box,” says Dr. Stoler. “We are proud to continually be on the leading edge of new technology in the coronary space.”

About Coronary Artery Disease

Coronary Artery Disease (CAD) occurs when the coronary arteries supplying oxygenated blood to the heart begin to narrow or harden due to a build-up of fatty deposits, called plaque, along the inner walls of the arteries. This build-up restricts blood, oxygen and nutrient supply to the heart. Left untreated, CAD can worsen over time and cause a heart attack or death. CAD can be managed by taking medication or adopting simple lifestyle changes, such as exercise, smoking cessation and weight loss. In some cases, treatment options for CAD include coronary artery bypass graft surgery (CABG) – a form of open heart surgery – or percutaneous coronary intervention (PCI) with a stent, an alternative to open heart surgery.