



HOAG MEMORIAL HOSPITAL PRESBYTERIAN
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A Leader in Valve Replacement: Hoag is First in OC to Complete 500 TAVR Procedures
Jeffrey M. Carlton Heart & Vascular Institute reaches a significant milestone in patient care

NEWPORT BEACH, CALIF., June 4, 2019 --- Hoag Memorial Hospital Presbyterian today announced the [Jeffrey M. Carlton Heart & Vascular Institute](#) has completed its 500th [transcatheter aortic valve replacement \(TAVR\) procedure](#), an important alternative to open-heart surgery for patients requiring aortic valve replacement. Hoag was the first hospital in Orange County to offer TAVR and leads in volume and expertise.

The announcement reflects more than Hoag's experience in this innovative treatment option; it is also indicative of the hospital's leadership in improving quality of life, safety and positive outcomes.

"Hoag's leadership in TAVR is just one example of the patient-centric focus that sets us apart in cardiovascular health," said [Aidan A. Raney, M.D., cardiothoracic surgeon and James & Pamela Muzzy Endowed Chair in Cardiovascular Surgery](#). "This milestone highlights our commitment to our patients and our community."

More than 1.5 million people in the U.S. have [aortic stenosis](#), a condition that can progress to restrict every day activities, including walking short distances. Without intervention, most patients with severe aortic stenosis may die within two years. Unfortunately, for many high-risk patients, standard open-heart surgery is too risky.

Thanks to philanthropic support from Bob and Marjie Bennett and many other generous donors, Hoag began offering TAVR in 2012 to serve these patients, well before most hospitals in the nation.

"In 2012 Hoag took a leap of faith, but one that was researched and clinically proven to better care for our patients," said Dr. Raney. "No other hospital in Orange County was offering TAVR, but we felt it was the right thing to do, to serve this patient population. We are incredibly proud of what our program is today, and the 500 patients we have helped."



A minimally invasive procedure, TAVR involves guiding a collapsible artificial valve into the heart using a catheter through a blood vessel in the leg or alternate site by an interventional cardiologist and cardiac surgeon. The artificial heart valve is then inserted across the patient's own aortic valve where it immediately goes to work. This treatment option has provided hope and saved lives for people who would otherwise not qualify for surgery.

The largest volume cardiovascular program in Orange County, Hoag has established itself as a center for innovative and comprehensive cardiac care. "We are a leader in all therapies for aortic valve stenosis, including minimally invasive surgical approaches," said [Anthony Caffarelli, M.D., director of Hoag Cardiac Surgery and the Newkirk Family Endowed Chair in Aortic Care](#). "Hoag's cardiac surgery program holds the highest rating award by The Society of Thoracic Surgeons for surgical aortic valve replacement, placing us in the top 10% in the country."

After offering TAVR for high-risk patients for seven years, Hoag was selected to participate in the [PARTNER 3 and Early TAVR trials](#), game-changing nationwide studies that expands the procedure to benefit low risk and asymptomatic patients as well.

Hoag contributed to what the American College of Cardiology referred to as "eye-popping" data involving 1,000 low-surgical-risk patients across 71 centers in the U.S. Participants were randomized to minimally invasive TAVR with the Edwards Lifesciences Sapien 3 valve or to open surgical aortic valve replacement, the standard procedure for aortic stenosis.

"Currently, TAVR is only offered to high-risk or intermediate-risk patients for open-heart surgery," said [Richard Haskell, M.D., interventional cardiologist](#). "These results are expected to expand TAVR as an option for select patients who are at low risk for surgical [aortic valve replacement](#), allowing them to reap the benefits of valve replacement without undergoing open heart surgery."

"Hoag not only is helping guide research for these procedures, but we have been providing it directly to our community with expertise, skill and efficiency," said [Subbarao Myla, M.D., program director for Hoag Cardiac Catheterization Labs](#). "Reaching our 500th case sends a message that Hoag is invested in providing the most advanced, pioneering treatments available to ensure the highest quality care for our patients."



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Hoag's TAVR Team:

Anthony Caffarelli, M.D., Cardiothoracic Surgeon

Jorge Castellanos, M.D., Interventional Cardiologist

Cheng-Han Chen, M.D., Ph.D., Interventional Cardiologist

Mahmoud Eslami, M.D., Interventional Cardiologist

Richard Haskell, M.D., Interventional Cardiologist

Subbarao Myla, M.D., Interventional Cardiologist

Natesa Pandian, M.D., Cardiologist

Aidan Raney, M.D., Cardiothoracic Surgeon

Asad Shah, M.D., Cardiothoracic Surgeon

Peggy Morley, DNP, ANP-BC, CCNS, TAVR Nurse Coordinator

Humberto Wong, M.D., Radiologist

Scott Williams, M.D., Radiologist

Timothy Carpenter, M.D., Cardiac Anesthesiologist

Alan Mouchawar, M.D., Cardiac Anesthesiologist

Joseph Riggio, M.D., Cardiac Anesthesiologist

Chaun Ren, M.D., Cardiac Anesthesiologist

David Chavez, M.D., Cardiac Anesthesiologist

Robert Kopel, M.D., Cardiac Anesthesiologist

Rita Weise, NP, TAVR Nurse Coordinator

Wendy J. Price, MSN, RN, Research Nurse Coordinator

Jonathan Becerra, CCRP, Clinical Research Coordinator and TAVR Registry Abstractor

ABOUT HOAG MEMORIAL HOSPITAL PRESBYTERIAN

Hoag is an approximately \$1 billion nonprofit, regional health care delivery network in Orange County, California, that treats more than 30,000 inpatients and 450,000 outpatients annually. Hoag consists of two acute-care hospitals – Hoag Hospital Newport Beach, which opened in 1952, and Hoag Hospital Irvine, which opened in 2010 – in addition to eight health centers and 11 urgent care centers. Hoag is a designated Magnet[®] hospital by the American Nurses Credentialing Center (ANCC). Hoag offers a comprehensive blend of health care services that includes five institutes providing specialized services in the following areas: [cancer](#), [heart and vascular](#), [neurosciences](#), [women's health](#), and orthopedics through Hoag's affiliate, [Hoag Orthopedic Institute](#), which consists of an orthopedic hospital and two ambulatory surgical centers. Hoag has been named one of the Best Regional Hospitals in the 2018 - 2019 U.S.



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News & World Report, and *Becker's Healthcare* named Hoag as one of the 2018 "100 Great Hospitals in America" – a designation Hoag has received five times. For an unprecedented 23 years, residents of Orange County have chosen Hoag as one of the county's best hospitals in a local newspaper survey. Visit www.hoag.org for more information.