

Fortis Malar Hospital successfully performs a one of its kind minimally invasive cardiac surgery

Doctors replace dysfunctional bioprosthetic heart valve with TAVR procedure

Chennai, 4th July 2019: Fortis Malar Hospital recently performed a minimally invasive Transcatheter Aortic Valve Replacement (TAVR) valve-in-valve procedure on a 65 year old man with a dysfunctional bioprosthetic aortic valve. This rare procedure was conducted by a team of expert doctors led by **Dr E Babu, Consultant Heart Failure & Interventional Cardiologist at Fortis Malar Hospital, Adyar, Chennai.**

This patient was admitted for severe restenosis and dysfunction of his bioprosthetic valve. Around 14 years ago, he had undergone open heart surgery and aortic valve replacement with bioprosthetic valve for calcific aortic valve stenosis (narrowing). Aortic stenosis — occurs when the heart's aortic valve narrows and this narrowing prevents the valve from opening fully, which obstructs blood flow from the heart into the aorta and onward to the rest of the body. After evaluation it was found that he had intermediate risk for open heart surgery. Hence, he was advised Transcatheter Aortic Valve Replacement (TAVR) procedure. He successfully underwent this TAVR procedure and got discharged within 48 hours without any complications.

Commenting on the procedure **Dr E Babu**, said *“Currently TAVR procedure is indicated for treating patients with stenosed (narrowed) native aortic valve or dysfunctional bioprosthetic aortic valve who are either inoperable or have intermediate to high risk for open heart surgery. Conventionally patients were being offered ‘Surgical Aortic Valve Replacement’ which is a major procedure involving open heart surgery, general anesthesia, intubation, mechanical ventilation, hospitalization for a week and removal of stitches. On the contrary, TAVR is a recently introduced novel percutaneous ‘no-scalpel, no-stitch’ minimally invasive procedure which can be performed under local anesthesia with an average of 3 days of hospitalization. Patient can be mobilized on the next day after the procedure”.*

TAVR is a minimally invasive percutaneous procedure usually performed through puncture of the blood vessel in the groin. Catheter will be passed over a wire across the aortic valve in the heart. New transcatheter valve will be balloon expanded and implanted within the previously stenotic bioprosthetic valve as a valve-in-valve procedure.

About Fortis Healthcare Limited

Press Release

For immediate publication

Fortis Healthcare Limited is a leading integrated healthcare delivery service provider in India. The healthcare verticals of the company primarily comprise hospitals, diagnostics and day care specialty facilities. Currently, the company operates its healthcare delivery services in India, Dubai and Sri Lanka with 43 healthcare facilities (including projects under development), approximately 9,000 potential beds and over 400 diagnostics centres.

About Fortis Malar Hospital:

Fortis Malar Hospital was acquired by Fortis Healthcare (India) Limited in early 2008. The hospital founded in 1992, is established as one of the largest corporate hospitals in Chennai providing quality super specialty and multi-specialty healthcare services. Fortis Malar Hospitals, with 180 beds, focuses on providing comprehensive medical care in the areas of Cardiology and Cardiac Surgery, Neuro Surgery, Gynaecology, Orthopaedics, Gastroenterology, Neurology, Paediatrics, Diabetics, Nephrology and Internal Medicine. Fortis Malar Hospital has a state of the art Cath Lab and multiple dedicated cardiac operation theatres and intensive coronary care units. Several rare and complex Adult and Paediatric Cardiac surgeries, Orthopaedic and Joint replacements, Neurosurgeries and Plastic reconstruction surgeries have been performed at this hospital. The hospital's Obstetrics and Gynaecology services are among the busiest in the city, successfully performing many complicated deliveries and surgeries. They are supported by a dedicated Neonatology unit.

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