

Congratulations

Congratulations to the Heart team (Dr Bijulal S, Prof. Ajit Kumar VK, Prof. Harikrishnan S, Prof. Jayakumar K, Dr. Vivek V Pillai, Prof. Shrinivas Gadhinglajkar V and Prof. PK Dash) of the Institute, who successfully performed replacement of diseased heart valve in two patients, without open-heart surgery and cardio-pulmonary bypass. This procedure, known as **Trans-catheter Aortic Valve Replacement (TAVR)**, involves inserting a specially designed valve through the femoral artery and deployed at the desired location under angiographic guidance. This procedure is life saving in patients with prohibitive risk for open-heart surgery and is very effective in relieving the obstruction caused by a narrowed heart valve. SCTIMST is the first Government run hospital in south India to do this procedure. Advantages of TAVR over surgery are that the procedure, being minimally invasive, can be done in patients who carry high risk for conventional surgery and in inoperable patients. Durability of this valve is similar to the valve systems used for surgical valve replacement and long-term outcomes are extremely good. SCTIMST acknowledges the financial assistance provided by Rashtriya Arogya Nidhi of the Ministry of Health and Family Welfare of the Government of India and Karunya Benevolent Fund of the Government of Kerala.

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