

Advanced Cardiac Surgery Performed

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Manipal: A team of surgeons from Kasturba Hospital, Manipal, performed an advanced cardiac surgical operation 'Bentall Procedure' on a patient with breathlessness.

A patient, Madan (name changed) reported to Kasturba Hospital, Manipal, on March 21, with breathlessness on exertion and early signs of heart failure.

He was diagnosed with a leaky aortic valve and enlarged aorta by Dr Tom Devasia. Echocardiography and CT confirmed the diagnosis. He was then referred to cardiac surgeon of the hospital Dr Vasudev Pai for further evaluation and surgical treatment.

Dr Pai and Dr Sujith Suvarna from cardio thoracic surgery, Dr Sunil Sagar from anaesthesia and Shivshankar, a cardiac perfusionist, together performed a major operation wherein the aortic root, which is the most important part of the aorta, was replaced with an artificial valve graft conduit.

This is termed as a Modified Bentall Operation named after London surgeon Dr Hugh Bentall and Dr A De Bono.

The aortic valve was replaced, said Dr Pai. However, even a small error can result in a heart attack or severe bleeding in the post-operative period for the patient, he said adding that the procedure yields excellent long-term results.