

**DEPARTMENT OF
CARDIOLOGY & CARDIOTHORACIC SURGERY**



DEPARTMENT OF CARDIOLOGY & CARDIOTHORACIC SURGERY

The Department of Cardiology was started in April 2019 in Preethi Hospital. Comprehensive Diagnosis & Therapeutic services such as ECG, Treadmill ECG, Echocardiography, Angiography, and Angioplasty are offered under a single roof. We have a fully equipped Cath lab and a CCU with round-the-clock availability of dedicated staff. The Cardiology Department is headed by Dr PShankar MD.DM., (Cardio) with more than 15 years experience. We have a well-experienced team of supporting staff- Cath Lab technician, CCU-trained sisters, ECHO technician, OPD sister and administrative staff to offer comprehensive cardiac care for both elective and emergency patients.

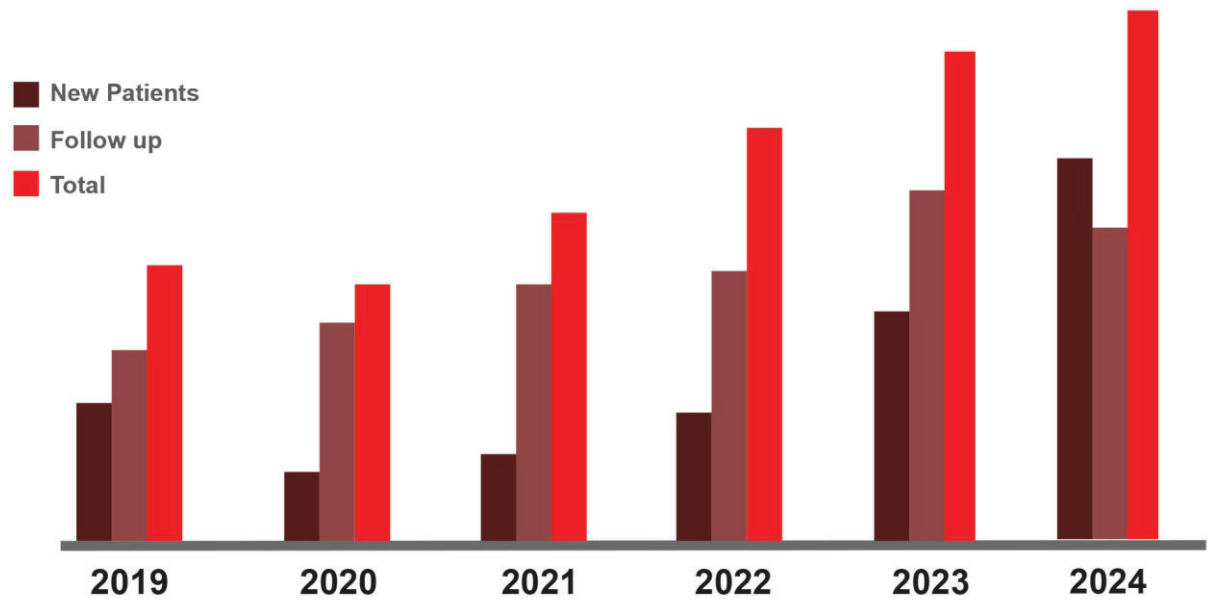
We offered comprehensive cardiac services without interruption even during the COVID-19 pandemic. Daycare facilities for Coronary Angiogram are also available in our hospital. Most of the patients undergo CAG & PCI through the Radial artery approach so that the hospital stay is minimized and Patients feel less pain.

The Cardio-Thoracic Surgery Department is headed by an experienced Cardiac Surgeon and the team includes a Paediatric Cardiac surgeon and a full-time Cardiac Anaesthetist & intensivist. We have a dedicated Postop Cardio Thoracic ICU, with full cardiac support facilities like IABP, Dual chamber pacemaker, intravenous pacemaker, ECMO and other organ support measures. Experienced dedicated Team regularly conducts all types of cardiac surgeries - CABG (on and off-pump), valve replacement surgery, All types of Pediatric cardiac surgery, Major vascular surgery, and Thoracic and lung surgery including VATS.





CARDIOLOGY OP FLOW CHART



Preethi Heart Institutes

YEAR	NEW	FOLLOWUP	TOTAL
2019	794	950	1744
2020	332	1307	1639
2021	507	1612	2119
2022	850	1654	2504
2023	1067	1931	2998
2024	1608	2563	4171



THE NEW
**INDIAN
EXPRESS**
NEWSPAPER PUBLISHED DAILY BY THE NEWSPAPER GROUP OF ORGANISATIONS

For first time in South TN, pvt hosp does do complex valve surgery on Theni woman

EXPRESS NEWS SERVICE
@ Madurai

DOCTORS at the Preethi Super Speciality Hospitals recently performed a valve-preserving ascending aortic replacement on a 56-year-old woman from Theni district. The complex surgery said to be the first of its kind in south Tamil Nadu, was performed free of cost under the Chief Minister's Comprehensive Health Insurance Scheme (CMCHIS).

M. Petchiammal from Madurai was diagnosed with 'acute aortic dissection' (tear in

the inner layer of aorta), involving the root and ascending aorta, after she was admitted to a hospital for severe breathlessness.

Her condition required a complex surgery to replace her valves with artificial ones, said senior consultant cardiothoracic surgeon Dr Ashik Nizamuddin.

"However, for the first time in South Tamil Nadu, 'valve-preserving ascending aortic replacement' was performed on her without the need to replace the valves. Instead, the native valves of the woman was

preserved, thereby greatly reducing the postoperative morbidity, surgery costs and eliminating lifelong dependency on anticoagulants," he added.

A team of doctors, comprising Dr Memonulahi Sundarum, senior consultant cardiothoracic surgeon Dr Ashik Nizamuddin, senior consultant cardiac anaesthetist Dr Vishnu Kumar and critical care specialist Dr Santhosh, performed the four-hour-long surgery on November 5. The surgery that would otherwise have cost over ₹1 lakh was performed free under the CMCHIS.



The 'valve-preserving ascending aortic replacement' was performed on her without the need to replace the valves. Instead, the native valves of the woman was preserved.

Dr Ashik

Healthworld.com

Health News | Local Health News | Hospital

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Home | About Us | Services | Blog | Contact Us | Medical Specialties | Press & Features

Madurai: Woman undergoes rare cardiac surgery without replacing valve

Aortic aneurysm is an abnormal bulge that occurs in the wall of the major blood vessel (aorta) that carries blood from the heart to the body.



Heart to the body.

MADURAI: Doctors of a private hospital in the city successfully performed an aortic aneurysm (cardiac) surgery on a 56-year-old woman without replacing the valve as is the norm to help her recover permanently from her heart condition. Aortic aneurysm is an abnormal bulge that occurs in the wall of the major blood vessel (aorta) that carries blood from the

The woman, Petchiammal, is the wife of Muthiah in Melurugalam, Theni district. She was suffering from severe breathlessness for nearly three months and approached the nearby government hospital, where she was diagnosed with a rare life-threatening heart ailment with severe valvular leak of the aortic valve.

"The condition requires a complex and expensive surgery to replace the ascending aorta, aortic root and aortic valve with artificial ones. However, during surgery, we noticed that the aortic valve was severely leaking but the leaflets were intact. So, we decided to proceed with ascending aorta replacement plus aortic valve repair without replacement of the valve," explained Dr Moenakshisundaram, one of the cardiothoracic surgeons who performed the operation at Preethi Hospital in Madurai.

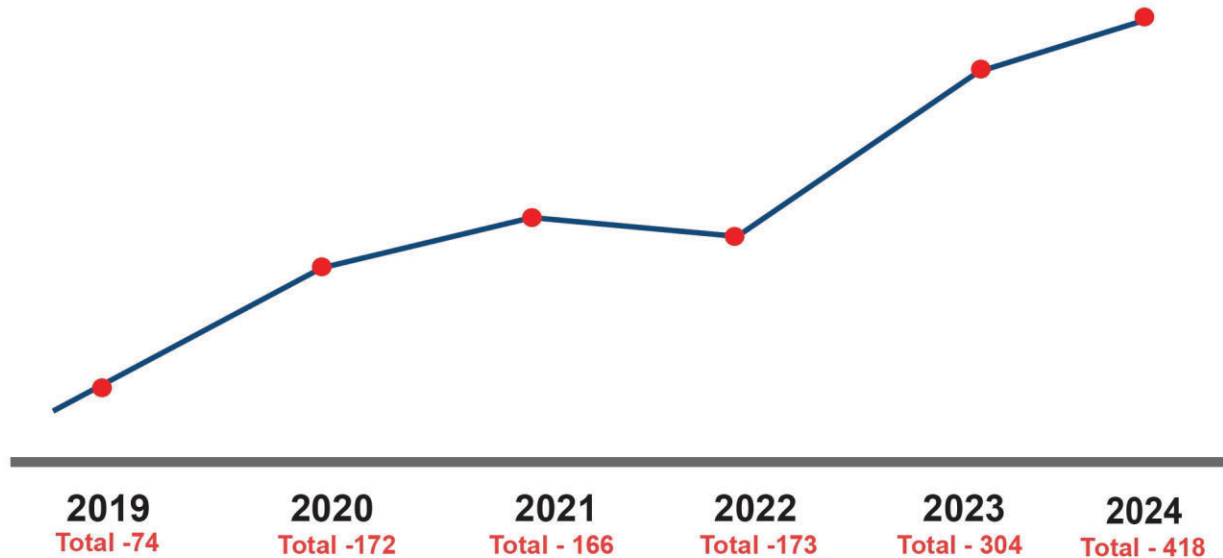
The results of the operation were encouraging as the valve repair was assessed during the surgery itself by special investigation trans-oesophageal echo (TEE), said doctors. Finally after four hours of surgery, Petchiammal recovered completely and was discharged on eighth day.

"The patient needs monitoring for only two months. She need not take oral anticoagulants also because the valve wasn't replaced and is completely cured for life," said Moenakshisundaram.

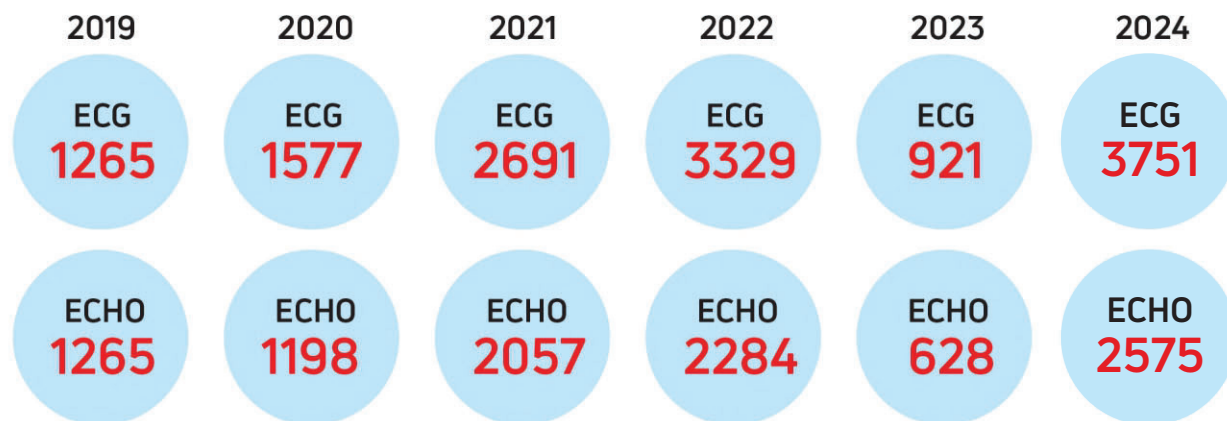
The surgery was done free of cost under the chief minister's comprehensive health insurance scheme (CMCHIS).



CARDIOLOGY IP FLOW CHART

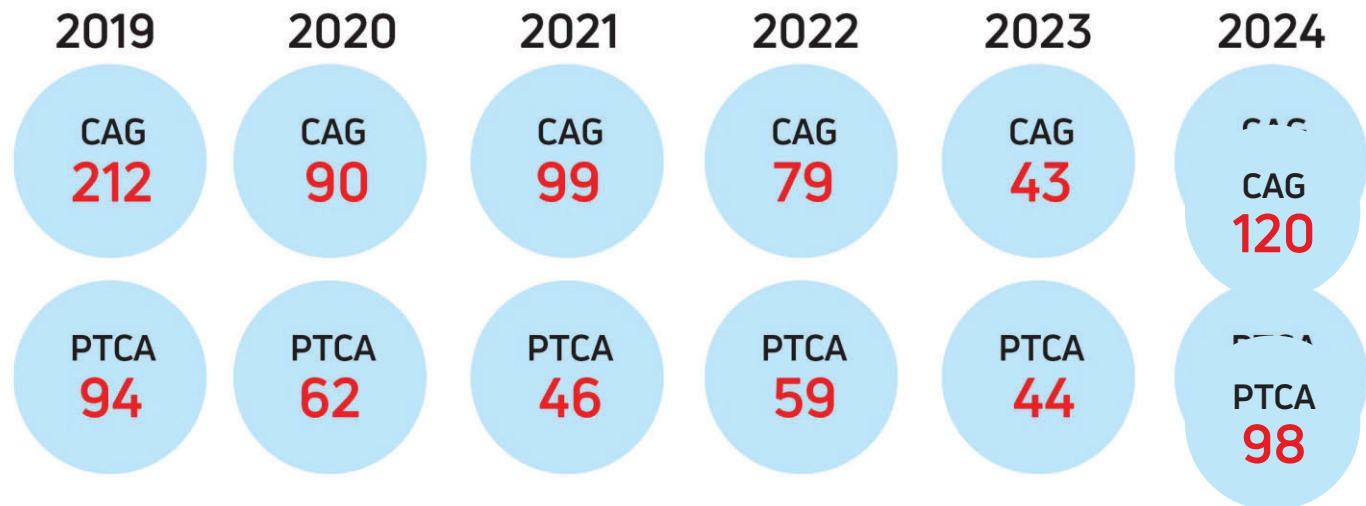


INVESTIGATION CHART





CARDIOLOGY PROCEDURES



PROJECTS IN LINE

In 2024, We are planning to introduce Optical coherence tomography (OC) and Intra Vascular Ultrasound (IVUS), which can provide detailed information li tissue characteristics (fibrous, calcified, or lipid-rich plaque), dissection, tiss prolapse, thrombi, and incomplete stent apposition [ISA].

These tools will help in early intra-procedural decision-making and confi successful Stent placement. during the percutaneous coronary intervention (PC) thereby helping us to provide precise results and improve the quality of life for t patients.

Hybrid CVTS OT with all the life support equipments including ECMO getting ready and we are plannig in corporate into our clinical armamentorium 2025 for the service of our patients.





CME CONDUCTED

PREETHI HEART UPDATE 2019



CAMP CONDUCTED



Free CAG camp
April & June 2019



Free CAG camp
December 2019



**World heart day awareness
program** September 2021



**Free Cardiac health checkup
camp** November 2021



IMA Sivagangai



IMA Aruppukottai

