



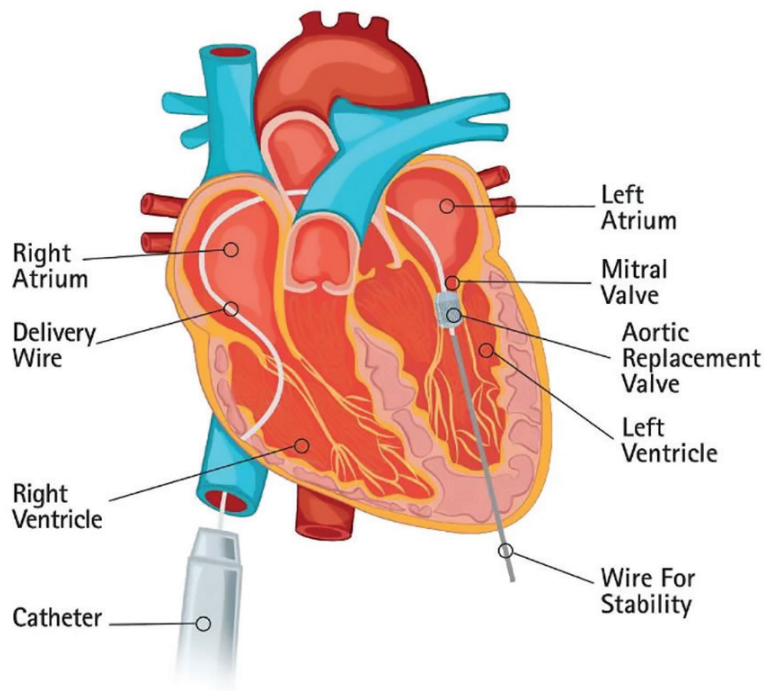
SIMS

SRM INSTITUTES FOR MEDICAL SCIENCE
CHENNAI



INSTITUTE OF
CARDIAC SCIENCE

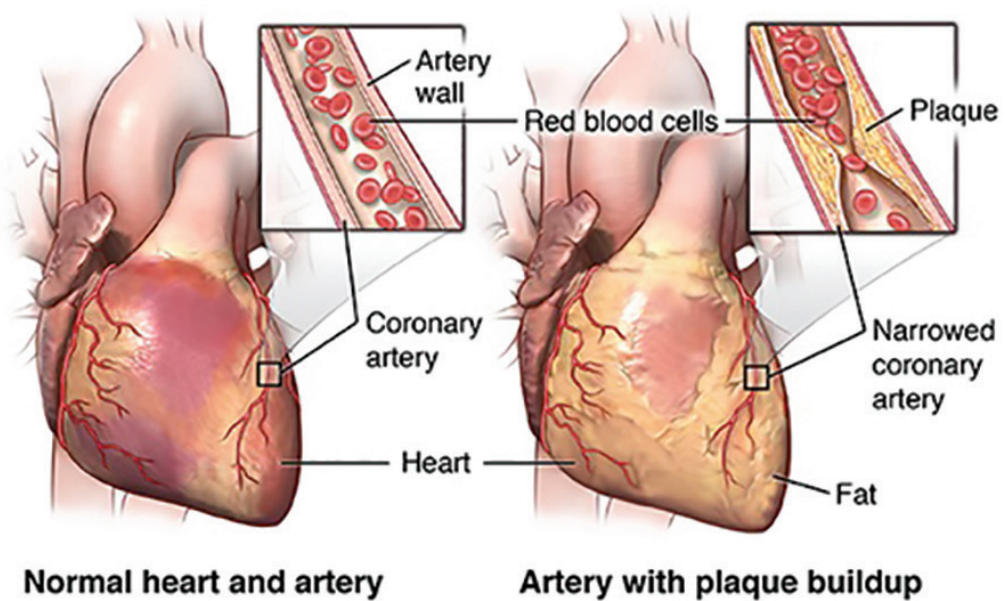
If you are searching for the best possible cardiac care, that is delivered by an experienced team of cardiac surgeons using state-of-the-art technology, you've come to the right place. At SIMS Hospital, we serve patients from all over the world with all possible cardiac condition's from the most common to the rarest, with outcomes that set the standard for excellence. The Institute of Cardiac and Aortic Disorders (ICAD) led by Dr. Bashi V. Velayudhan with 40 years of experience in cardiac surgery, pioneer in treating cardiac conditions including:



- Coronary artery bypass grafting
- Mitral and aortic valve repair
- Aortic aneurysm
- Occlusion of the aortic & other large blood vessels
- Aortic dissection
- Adult congenital heart disease
- Pulmonary thromboemblectomy
- Thoracic surgery
- Redo cardiac surgery – Cardiac after a pervious cardiac surgery
- Peripheral vascular disease

Our renowned surgical team treats all adult cardiac conditions, many of whom are considered inoperable at other centers. Patients are routinely transferred to us from all over India and other countries like Nepal, Bangladesh, Maldives, Thailand, Middle East countries and some African nations. We are also known for our unparalleled commitment to complete patient care. We know that having a cardiac operation is a major life event, and our team of surgeons, cardiologists, physiotherapist and coordinators will walk you through every step of your evaluation, treatment and recovery.

Coronary artery bypass grafting(CABG)



When arteries that feed oxygen to the heart are blocked, the heart muscle is at risk for damage and patient may develop heart attack. These may require CABG where an artery or vein from another part of the body is used to reroute blood flow across the blockage. This surgery is performed on beating heart with a success rate of over 99.5%.

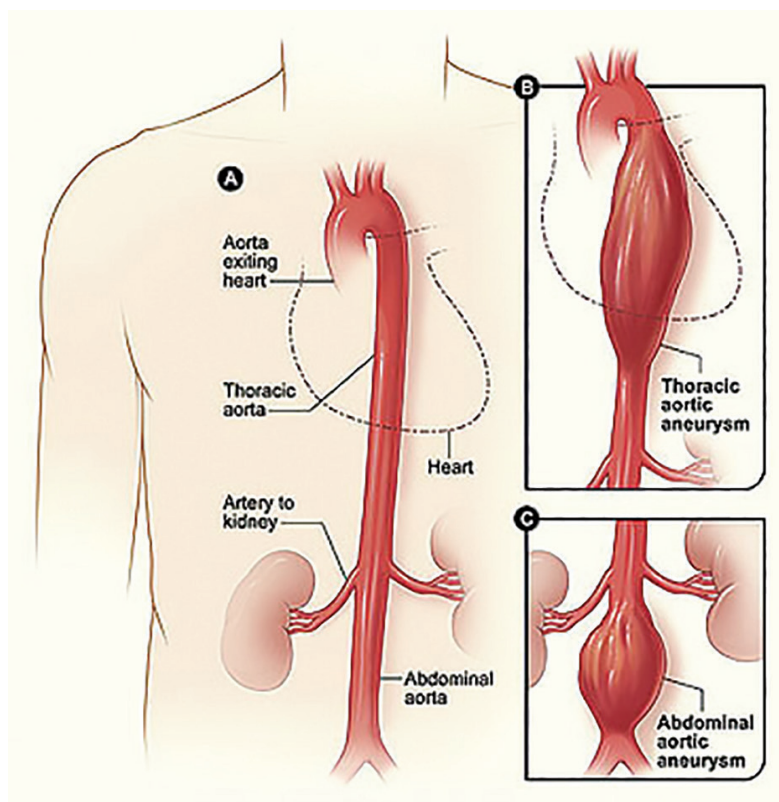
We have operated on patients who have kidney transplant and patients on renal dialysis with success rate of over 99%.

Heart Valve Surgery

There are four valves that open and close alternately with each heartbeat. The valve may leak (regurgitation) or may not open properly (stenosis) due to various reasons. These valves need to be repaired or replaced. ICAD has pioneered the heart valve repair surgery with excellent results avoiding prosthetic heart valves & bringing back smiles on millions of faces.

Aortic Aneurysm / Dissection

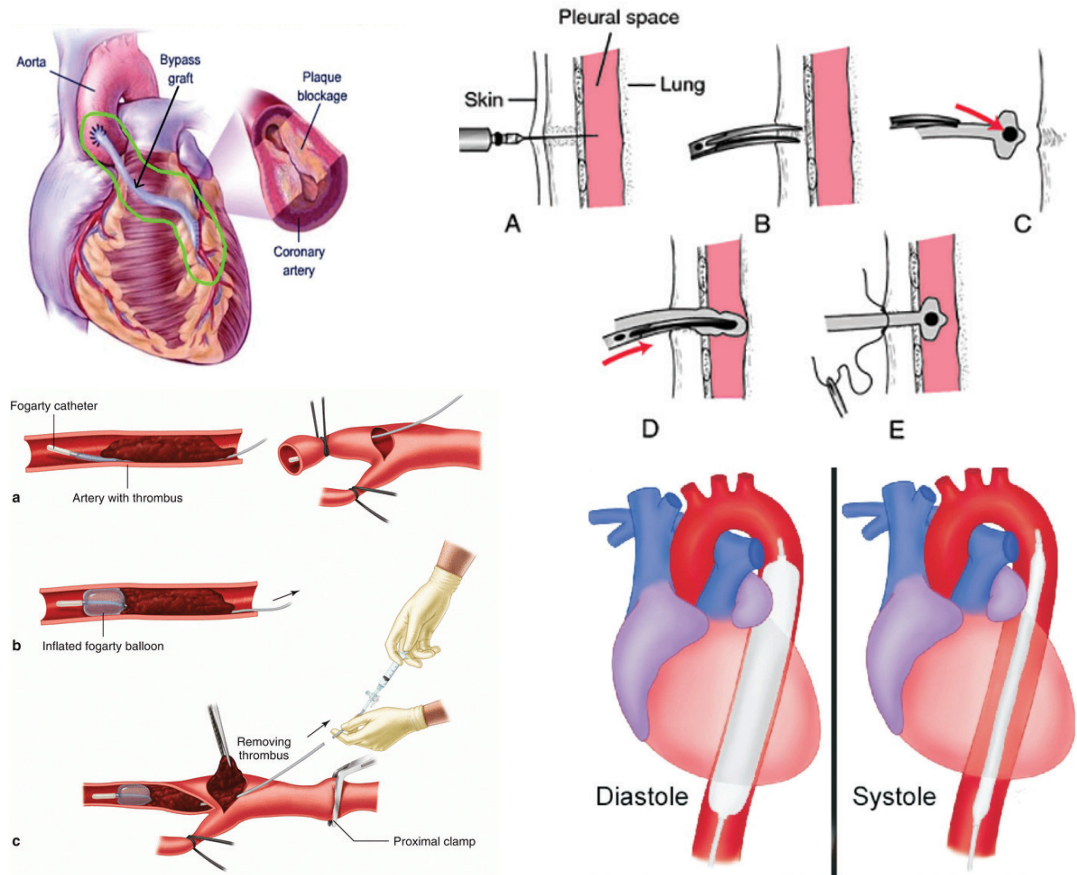
Aorta is the large blood vessel which carries blood to all parts of the body. At times the blood vessel may dilate (aneurysm), or tear within the wall of aorta (dissection) or can cause occlusion of lumen tampering the blood flow (Occlusive disease).



Dr. Bashi has pioneered the art of aortic surgery from the early 90s and has performed the maximum surgery on the aorta in the country. The procedure can also be performed by inserting an endovascular stent graft—a stiff mesh tube that provides “scaffolding” for the artery.

Emergency services

Cardiovascular emergencies are life threatening disorders that must be diagnosed quickly to avoid delay in treatment and to minimize morbidity and mortality.



Our emergency team offer service around the clock:

- Emergency CABG and valve surgery
- Insertion of Intraarterial Balloon Pump and ECMO
- Emergency thoracotomy and tube thoracostomy
- Embolectomy
- Emergency vascular surgeries for critical limb ischemia
- All type of cardiac and vascular injuries



345 Bedded Super Specialty Hospital in a Central Location

Institutes Centric Patient Care

State of the Art Imaging and Lab Services

Best in Class - 15 Modular Operating Rooms

7 Specialty Centric ICU's

Specialized Day Surgery Unit: Surgery Today & Home Today

24x7 - 21 Bedded Accident and Emergency unit with

Specialized Protocols for Trauma & Medical Emergencies

SIMS HOSPITAL

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