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## POST

### First in India an Elderly Person Undergoes Complex Surgery for Acute Type-B Aortic Dissection at SIMS Hospital Chennai



Covai Post Network



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For the 1<sup>st</sup> time in India, an elderly gentleman underwent a successful surgery for correction of multiple anoma (Acute Type-A Dissection, Leakage in Aortic Valve and A Tear in the Distal end of the Aorta), in a single s

at The Aortic Aneurysm Centre, **SIMS Hospital**, Chennai.



**L-R: Dr. Raju Sivasamy, Vice President, SIMS Hospital, Dr. V. V. Bashi – Director, Institute of Cardiac Disorders, (ICAD), SIMS Hospital, A 65 year old Patient, Patients Daughter, Team of Dr. Bashi (b**

Type-A dissection in the ascending aorta itself is a lethal condition posing challenge to Cardiac Surgeons. When suddenly, majority of the patients do not survive, unless surgical treatment is done in first 48 hours. Additionally leaking aortic valve and the tear in the lower part of the descending aorta was a huge challenge in this case. Compared to other centres, only the ascending aorta is rectified for such cases, leaving the other problems to be tackled afterwards. But, the surgeons at SIMS corrected all the 3 different parts of the aorta in a single operation that lasted for about 12 hours.

A 65 year old gentleman (name withheld) from Coimbatore was admitted to SIMS Hospital with complaints of severe pain radiating to the back and abdomen. The pain was very intense over the past one day before the patient came for consultation. Upon detailed investigations, he was diagnosed with Acute type A Aortic Dissection along with a leaking aortic valve and a tear in the lower end of the descending aorta. It was a life-threatening condition for the patient that required emergency surgery. The patient then rushed-in for surgery within half an hour, which is mandatory in such a case.

Speaking on the complexity of aortic disorders, **Dr. V. V. Bashi – Director, Institute of Cardiac & Aortic Disorders** at SIMS said, *“It is quite challenging to detect aortic conditions preemptively, and detecting 3 conditions in one case is difficult unless right diagnostic approach is taken. Another challenge for us was to carry-out all the surgical corrections in a single session, that too on an emergency basis.”*

The patient underwent successful total corrective replacement of the entire diseased aorta with the repair of the a single stage operation and had an uneventful recovery. He is doing well and assuming normal life.

These kind of complex cases are performed only at few elite medical institutes in the world, because it requires surgical skills, latest technology and availability of the modern hybrid graft (Thoraflex Graft).

Explaining the uniqueness of surgery, **Dr. Bashi** said, *“The multi-stage surgeries over years leave the patient a state of fear and anxiety due to risk of interim mortality. The single-stage correction of all the problems will give confidence to live a longer and happy life.”*

### **First Exclusive Centre for Aortic Diseases**

Recently, SIMS Hospital had in , to bring focused approach on treatment and management of Aortic Disorders. The centre works towards creat about various aspects of the conditions, like risk factors, advanced treatment modalities etc.

Expressing his excitement over this outstanding surgical feat, **Shri. Ravi Pachamoothoo – Chairman, SRM G** *has always been our endeavour to be at the forefront of medical innovation and healthcare excellence in India. of being in the field of education gives us that edge to bring-in new ideas & innovations, developing & mentorin talents to achieve that objective. We are fortunate to have outstanding doctors like Dr. Bashi, who has his own field of Cardiothoracic surgery, especially in the treatment of Aortic Disorders, to lead our young doctors into a*

In India, approximately 3 – 4 lakh people suffer from various types of Aortic Disorders every year; out of which people are getting treated. If the disease can be diagnosed early most of the patients can be treated successfu rate of more than 95%. Very few centers in our country are performing aortic surgeries in large numbers. Dr. Ba have performed more than 1,500 aortic surgeries which is one of the largest from any country on par with Interi standards.

Source: Newsvior

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