



**DEPARTMENT OF CARDIOVASCULAR AND  
THORACIC SURGERY**  
GRANT GOVT. MEDICAL COLLEGE & SIR J. J. GROUP OF HOSPITALS, BYCULLA, MUMBAI 8

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Staff Details faculty and senior residents:

	Photo	Qualification	Designation	R
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**MBBS  
MS(Gen.  
Surgery)  
M.Ch.  
(CVTS)**

**Professor  
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**MBBS  
MS(Gen.  
Surgery)  
M.Ch.  
(CVTS)**

**Professor**

		<b>MBBS MS(Gen. Surgery) M.Ch. (CVTS) DNB (CVTS)</b>	<b>Associate Professor</b>	2
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**MBBS  
MS(Gen.  
Surgery)  
M.Ch.  
(CVTS)**

**Associate  
Professor**

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**MBBS  
MS(Gen.  
Surgery)  
M.Ch.  
(CVTS)**

**Assitant  
Professor**

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		<p><b>MBBS MS(Gen. Surgery) M.Ch. (CVTS)</b></p>	<p><b>Assitant Professor (Locum post)</b></p>	
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### Senior residents

No	Name of student	Name of guide	Thesis topic
1.	Dr Uday Ravikumar	Dr Hrishikesh	-



	<b>Nayanar</b>	<b>Sukadeo Parashi</b>	
<b>2.</b>	<b>Dr Akshay Kumar Verma</b>	<b>Dr Suraj Wasudeo Nagre</b>	-
<b>3.</b>	<b>Dr Tanmay Pande</b>	<b>Dr Manoj Muralidhar Joshi</b>	-
<b>4.</b>	<b>Dr Jyoti Ranjan Dash</b>	<b>Dr Suraj Wasudeo Nagre</b>	-
<b>5.</b>	<b>Dr Roota Sukharam</b>	<b>Dr Hrishikesh Sukadeo Parashi</b>	-

#### CVTS Department

The Department of Cardiovascular and Thoracic surgery at Grant Government Medical College & Sir JJ Group of Hospitals was started way back in 1961 as Thoracic Surgery Department. It functioned as two units, one at JJ Hospital under Dr M.P Mehta and other at St George Hospital under Dr Bilimoria. It earned its first seat as M.S Thoracic Surgery in 1971 under the Bombay University, with the first student being Dr Ashok Cherian. Later on in 1981, the third unit was started under Dr K R Shetty, leading to recognition of three seats for Post graduate training at the Institute.

Amongst the several contributions of the Department to the patient care, some renowned ones include

- The performance of First Complex Pericardial Resection under Cardiopulmonary Bypass in 1964.
- First Total correction of Tetralogy of Fallot in Maharashtra was performed in JJ Hospital by Dr Nimish Shah.
- First Open Heart Surgery under Government Schemes was performed at JJ Hospital. First Open Heart Surgery under Jeevandayee Yojna was done in 1998 by Dr K.N Bhosale.
- First Open Heart Surgery under RGS/ Mahatma Jyotirao Phule Jan Arogya Yojana was performed in 2012 in JJ Hospital by Dr A.R Bhiwapurkar.

Over the years, the department has achieved a distinguished position due to untiring efforts and guidance of several surgeons heading the Department which include

- Dr Bilimoria
- Dr M.P Mehta
- Dr Nimish Shah
- Dr Vinod Mehta
- Dr K.R Shetty
- Dr S.A Potwar
- Dr K.N Bhosale
- Dr M.M Joshi
- Dr A.R Bhiwapurkar

Life time achievement award for their eminent contribution in the field were awarded to

- Dr M.P Mehta
- Dr Nimish Shah
- Dr Sharad Pandey
- Dr K.R Shetty
- Dr K.N Bhosale

The Department extended its training program by starting its First BPMT Perfusion Technology course in 2013, admitting 5 students per year.

Cardiothoracic and Vascular surgery Department at Grant Government Medical College and JJ Group of Hospital is one of the renowned Institute providing state of art care to patients all over the country. The department performs a wide range of complex, complicated surgeries in adults and children. The expertise includes cardiac, thoracic, vascular, minimally invasive and hybrid surgeries. The surgical expertise has been constantly evolving as per the currently approved International standards. The CVTS department has been training students for MCh CVTS and BPMT Perfusion courses for over five decades.

Clinical workload

OPD

We run CVTS OPD twice a week on Tuesday and Friday from 9am to 1pm offering services in cardiac, thoracic and vascular diseases.

IPD

We have two functional units in our department, with a bed strength of 54 beds. Dedicated 8 CCU beds for our patients are available. Our operation theatre is ultramodern modular with latest gadgets.

Courses offered:

MCh CVTS - 3 years course. Intake of 3 students/ year.

BPMT Perfusion - 3 years course. Intake of 5 students/year.

Academic activities:

- Seminars
- Presentations
- Journal club
- Bed side clinics
- Workshops
- CMEs
- Death audit

List of surgeries done:

- CARDIAC
- Coronary Artery Bypass Surgery (CABG)–  
Beating Heart CABG (OPCABG)  
On pump CABG  
Minimally Invasive CABG  
Hybrid surgeries  
Off pump Anaortic Total Arterial      Myocardial revascularization with  
Composite LIMA-RIMA Y graft
- Valve surgeries–  
Mitral valve repair/replacements

Aortic valve repair/replacements  
Double valve replacement  
Tricuspid valve repair/replacement  
Pulmonary valve repair/ replacement  
Re-do valve replacements  
Valve replacement with CABG

- Pediatric Cardiac surgeries  
TAPVC/TOF/DORV  
ASD/VSD/ PAPVC  
Modified BT shunts and Central shunts  
Coarctation surgeries  
PDA ligation
- Minimally Invasive Cardiac Surgeries–  
ASD closures  
VSD closure  
Valve Repair and Replacements (mitral and aortic)  
CABG
- Aortic surgeries–  
Aortic valve & Ascending aortic wall replacement- Bentall  
Type A Dissections  
Aortic Arch / hemiarch replacements  
De-Branching surgeries  
Ascending Aortic Aneurysms  
Abdominal Aortic aneurysms
- Emergency cardiac surgeries–  
Post MI Ventricular septal rupture  
Post MI Mitral regurgitation  
Pulmonary endarterectomy  
Stuck valve surgeries  
Coronary stent blockage/ Coronary dissection
- VASCULAR
  - All Vascular surgeries routine and emergencies - embolectomy, interposition grafting, vascular repair
  - Dialysis access - AV fistula
  - Carotid endarterectomies
  - Carotid body tumour
  - Cervical rib
  - Vascular malformation
- THORACIC
  - Lung decortications

- Lobectomies
  - Pneumonectomies
  - Thoracostomies
  - Lung cysts/ bullae/abscess/fungal ball
  - Eloesser flap
  - Rib fixation
  - Chest wall tumours
  - Intra thoracic tumors
  - Mediastinal tumors
  - Myasthenia gravis - thymectomy
  - Emergency thoracic surgeries for trauma/gunshot injuries/stab injuries
- Surgical Assistance to other departments -
    - ❖ Cardiology
    - ❖ TAVI
    - ❖ TEVAR
    - ❖ Neurosurgery Department
    - ❖ Gynaecology Department
    - ❖ Vascular Anastomosis for renal transplants
    - ❖ ENT Department
    - ❖ General Surgery Department
    - ❖ Vascular access for Interventional Radiology procedures

#### Health Camps

We are actively involved in providing cardiac, vascular and thoracic health camps all over the state. This includes OPD and operative work.