

Institute of Cardiovascular Sciences Cardiothoracic and Vascular Surgery

STAFF

Faculty

1. Dr. Subhankar Bhattacharya MS, MCh FIACS	Professor and Head
2. Dr. Goutam Sengupta MS, MCh FIACS	Professor
3. Dr. Santanu Dutta MS, MCh	Associate Professor
4. Dr. Ansuman Mondal MS, MCh FIACS	Associate Professor
5. Dr. Javid Vaquar Sadique MS, MCh	Associate Professor
6. Dr. Prokash Sanki MS, MCh (on detailment)	Associate Professor
7. Dr. Subhendu Mahapatra DTCD, MS, MCh	Associate Professor
8. Dr. Uttam Mukherjee MS, MCh FIACS	Assistant Professor

Medical Officers

1. Dr. Dibakar Das M.O.
2. Dr. Rita Neogi M.O.

Postdoctoral (MCh) trainees

3rd Year (2013-2016)	2nd Year (2014-2017)	1s Year (2015-2018)
<ul style="list-style-type: none"> • Dr. Santosh Kumar Pandey • Dr. Gautham Shetty • Dr. Pramesh Jain 	<ul style="list-style-type: none"> • Dr. Debajyoti Mandal • Dr. Arnab Maity 	<ul style="list-style-type: none"> • Dr. Raja Lahiri

FACULTY NEWS

Prof. Subhankar Bhattacharya

- Examiner: Convenor MCh (C.T.V.S.) Final Examination West Bengal University of Health Sciences.
- Member Board of Studies, West Bengal University of Health Sciences.
- Teacher: Bachelor of Physical Medicine o Teacher: Diploma Perfusion Technology
- Teacher: M.Sc. Biomedical Instrumental Student of University of University of Calcutta
- Teacher: M.Sc. Nursing
- Teacher: Perfusion Technology (DPFT)

Prof. Goutam Sengupta

- Examiner and Teacher, DPFT
- Examiner for M.Ch at Medical College Kolkata.
- Conducts a course for the course of Msc biomedical instrumentation for students of University of Calcutta. Supervises one project every year for the same course.
- Collaborating with the dept. of neonatology and successfully conducting complex cardiothoracic procedures in selected neonates.

Dr. Santanu Dutta

- Acted as co-investigator of CSIR Project Identification of Biomarkers of Cardiovascular Diseases.
- Awarded PhD degree in cardiovascular sciences by Calcutta University in 2014.

Dr. Javid Vaquar Sadique

- Participating in CTCME organized by IACTS in different centers in the country throughout the year.
- Active participation in the kidney transplant programme

Dr. Subhendu Mahapatra

- Participating in CTCME organized by IACTS in different centers in the country throughout the year.
- Doing congenital cardiothoracic surgeries in neonate, infant and pediatric patients.
- Arranging different academic sessions for MCh trainees.
- Active participation in the kidney transplant programme

Dr. Prokash Sanki

- Dr. Prokash Sanki is detailed here & is doing open heart surgeries regularly.
- In-charge of the kidney transplant programme.

Dr. Anshuman Mandal

- Examiner in DPFT course.

ACADEMIC ACTIVITIES

Saturday is our teaching programme day. Different topics of the subject are distributed to cover the M.Ch. Syllabus as far as possible. On this day we also arrange for different seminars. Before final exam we arrange for a mock test.

Department organised a wet lab cum workshop on valve replacement on bovine heart. This helped a lot to the M.Ch. students. Wet lab organized for valve implantation & CME in 2015.

Dr. Arnab Maity, post doctoral trainee, second year, was awarded the first prize in a competitive paper session arranged by the **West Bengal Association of Cardiothoracic Surgeon** in the month of October, 2015

In collaboration with Department of neonatology, congenital cardiac lesion corrections are being done.

Publications

1. An oesophageal duplication cyst: A diagnostic dilemma; case report in International Journal of Science & Research (Online): 2319 - 7064
2. Incidentally found congenital cystadenomatoid malformation in a misdiagnosed case of massive pneumothorax, in a 2 months old child: case report in International Journal of Science & Research (IJSR): ISSN (Online).
3. Congenital submitral left ventricle aneurysm with normal mitral valve – A rare presentation: case report in international journal of healthcare & biomedical research: 2015; 4(1): 174-8.
4. Giant pericardial cyst: A rare presentation: case report in International Journal of Science & Research (Online).
5. On table detection of persistent left superior vena cava draining into superior aspect of left atrium in a case of ostium secundum atrial septal defect: a case report in International Journal of Science & Research (Online).
6. Prevention of acute renal failure post cardiac surgery under cardio pulmonary bypass using perioperative infusion of sodium bicarbonate: A prospective randomised control trial: A case report in International journal of health and science and research (Online).

SERVICE INFORMATION

The department has 4 running OTs of which 3 are open heart and other major cardiothoracic & vascular surgery cases requiring cardiopulmonary bypass. The 3rd O.T. is utilized for major vascular, thoracic and closed cardiac cases.

The 4th OT has been opened this year and this is for **Sishu Sathi patients**. We regularly do two to three Sishu sathi cases per week, along with 3 to 4 CABGs & 3 to 4 valve surgeries. We are now doing total 13 cases of open heart & CABG from Monday to Friday.

Cardiothoracic & vascular surgery Procedures in one year

CABG	Valve	Congenital	Vascular	Emergency	Closed cardiac/ non cardiac	AVF & thoracic	Sishu Sathi	Total
207	227	160	190	310	57	750	120	2125

Percentage increased 17%.

Number of patients operated below 12 years of age 170

Number of patients operated in Sishu Sathi scheme 120

Operation days

We have 5 operation theatres . We operate 5 days in a week do maximum number of cardiothoracic and vascular elective and emergencies cases amongst the Government hospitals. We regularly do the A.V. fistulas, required for doing dialysis.

Unit distribution

Unit 1	Unit 2	Unit3A	Unit3B
<ul style="list-style-type: none">Prof.Subhankar BhattacharyaDr. Prokash SankiDr. Javid Vaquar Sadique	<ul style="list-style-type: none">Prof. Goutam Sengupta	<ul style="list-style-type: none">Dr. Santanu DuttaDr. Subhendu Mahapatra	<ul style="list-style-type: none">Dr. Ansuman MondalDr. Subhendu MahapatraDr. Uttam Mukherjee

Admission day O.P.D. (Monday to Saturday)

Monday	Prof. Goutam Sengupta
Tuesday	Dr. Santanu Dutta
Wednesday	Dr. Prakash Sanki
Thursday	Dr. Ansuman Mondal, Dr. Uttam Mukherjee
Friday	Prof. S. Bhattacharya
Saturday	Dr. Subhendu Mahapatra – 1st & 3rd Dr. Javid Vaquar Sadique – 2nd & 4th 5 th Saturday on rotation
Sunday	1st - Prof. S. Bhattacharya 2nd-Prof. G. Sengupta 3rd-Dr. S. Dutta 4th -Dr. A. Mondal /Dr. U. Mukherjee 5th-Dr. P. Sanki

Other information

This department is working hard to give better service to the society.

- We have increased the cases by 17% from the previous year.
- We are utilizing the 5th OT (OT with C- Arm) for pacemaker implantation, Venogram, Peripheral Angiogram, seeing the foreign body (such as bullet, pellets etc) and A.V. Fistula creation.
- It is our great honour that this department is the only CTVS department amongst all the government hospitals in West Bengal, which has been selected for **Sishu Sathi Scheme**. We have started the 4th OT stamped for **Sishu Sathi Scheme**
- We are successfully doing beating heart CABG 12 to 15 in a month.
- We are almost having 100% success rate in Tetralogy of Fallot case.
- In stepdown recovery we have made cubicals with curtains and this will give privacy to the patients.
- We are proud of mechanized cleaning with which we are maintain cleanliness in the department
- We have submitted plans for extending our building in which we are planning to build up a neonatal and pediatric unit with recovery and OT.

Requirements

To give our dreams the required wings and to make our plans successful, we require more nursing staff, Group D staff (on contract) and sweepers from ERS scheme.

Unfortunate matter

MCh students are main pivot in increasing our OT programme but out of six posts we had only 2 post filled up in 2014 & only one in 2015. So an alternate way to fill the vacuum is necessary. Otherwise patients will be deprived from our service.
