

# Institute of Cardiovascular Sciences

## Cardiology

### STAFF

Faculty	Qualification	Designation
Dr. Sibananda Dutta	MD, DM	Professor & HOD and Director ICVS
Dr. Sankar Chandra Mandal	MD, DM	Professor
Dr. Dhurjati Prasad Sinha	MD, DM	Professor
Dr. Biswakes Majumdar	MD, DM	Professor (working on detailment as PI and RA – 3 days a week)
Dr. Achyut Sarkar	MD, DM	Associate Professor
Dr. S. S. Islam	MD, DM	Associate Professor
Dr. Saroj Mandal	MD, DM	Assistant Professor
Dr. Bhuban Majhi	MD, DM	Assistant Professor
Dr. Asit Das	MD. DNB	RMO-cum-Clinical Tutor
Dr. Arindam Maitra	MD, DM	RMO-cum-Clinical Tutor
Dr. Arijit Samanta	MD	RMO-cum-Clinical Tutor
Dr. Niloy Banerjee	MD	RMO-cum-Clinical Tutor

### Post-doctoral trainees

2013 – 2016	2014 – 2017	2015 – 2018
Dr. Sreedharan R	Dr. Priyankar Mandal	Dr. Pulakesh Sinha
Dr. Manish Vinayak	Dr. Amit Kumar Jha	Dr. Soumya Kanti Dutta
Dr. Vishal Batra	Dr. Prashant Kumar	Dr. Ashesh Halder
Dr. Sonali Sarkar	Dr. Anurag Passi	Dr. Suman Chatterjee
Dr. Sumanto Mukhopadhyay	Dr. Somnath Mukherjee	Dr. Soumik Ghosh
Dr. Soumik Chaudhuri	Dr. Kaushik Paul	Dr. Apurba Bikash Pramanick
Dr. Manjunath D.	Dr. Atindranath Bandyopadhyay	Dr. Samir Kumar Roy
Dr. Satrajit Samanta	Dr. Tusharkanti Patra	Dr. Avijit Moullick
Dr. Pankaj Sarkar	Dr. Gouranga Sarkar	Dr. Soumyajit Ghosh
Dr. Rahul Arora		
Dr. Kausik Bandyopadhyay		

### Faculty news

#### Prof. Sibananda Dutta

- Continues as president of Cardiology Society of India, West Bengal Branch for 2nd year.
- Attended ESC in London as faculty.
- Postdoctoral (DM) examiner in CMC Vellore, MGR University.
- Allotted fellowship of CSI .
- Editorial board member of CSI & JIMA.

#### Prof. Sankar Chandra Mandal

- Continues as fellow.
  - American College of Cardiology.
  - European Society of Cardiology (ESC).
  - Executive member C.S.I W.B. branch.
- Attended as faculty.
  - ESC meet.
  - Euro PCR.
- American College of Cardiology Extended Learning (ACCEL) session.
- India Live 2015.

**Prof. D. P. Sinha**

- Organizing Secretary of CSI WB update 2015.
- Faculty of EIICON.
- Faculty of CSI 2015.
- Attended EURO PCR 2015 at Paris as faculty.

**Dr. Saroj Mandal**

- Invited as a Chairperson in Cardiology Society of India WB conference.
- Elected Organizing Secretary SCI India 2016 to be held at Kolkata.
- Attended Intervention Council meet Mid Term New Delhi 2015.
- Faculty EIICON 2015.
- Invited as Faculty in Malaysia Live 2015.
- Elected Fellow of Asian Pacific Society of Intervention Cardiology 2015 (FAPSIC).
- Attended AICT Conference at Dhaka.
- Publications
  - Menstrual and gonadal function alteration in women with systemic lupus erythematosus. JAPI 2015; 63: 35-9.
  - Complete heart block and pregnancy outcome: an analysis from Eastern India (as first author) SOJ; Journal of Gynecology, Obstetrics and Women's Health 2015; 1: 1-5.
  - LMCA Bifurcation Stenting in patient with Cardiogenic Shock in IJCP focus Update in India Live 2015.
  - An unusual presentation of mitral stenosis. Bangladesh Medical Journal [Accepted]

**Dr. Bhuban Majhi**

- Delivered Lecture on 'Current Status of Thrombosuction in primary PCI' in EIICON 2015 at Kolkata.
- Presentation on 'current status of carotid intervention' in cardiology update on Annual Conference of CSI West Bengal chapter.
- Publications
  - Unilateral conjunctivitis of unique etiology. A case report from Eastern India. Journal of Natural Science Biology and Medicine.
  - Conjunctival oculosporidiosis; A case report from a nonendemic zone in India. Archives of Medicine and Health Sciences.
  - **Book:** Bhuban Majhi, Sandip Kumar Kar. Cardiology of systemic sclerosis with pulmonary hypertension. Lambert Academic Publishing.

**ONGOING TRIALS AND PROJECTS**

1. Odyssey outcomes- a randomized placebo controlled, double blind, parallel-group study to evaluate the effect of sar 236553/reg727 on the occurrence of cardiovascular events in patients who have recently experienced acute coronary syndrome. Prof. D. P. Sinha, Dr. S. Aditya, Dr. S. Singh.
2. A comparative study of clinical & angiographic profile in pre & post menopausal women in a tertiary care center. Dr. P. Saha, Prof. S. Dutta
3. Study on relation between left atrial volume index & left ventricular end diastolic pressure in patients with acute myocardial infarction. Dr. Sonali Sarkar, Prof. S. C. Mandal.
4. Evaluation of prognostic utility of ST segment resolution following primary PCI. Dr. Vishal Batra, Prof. S. C. Mandal.
5. To evaluate the left & right ventricular systolic & diastolic function in children before & after patent ductus arteriosus closure by two-dimensional echocardiography & hemodynamic data obtained in the catheterization laboratory. Dr. Rahul Arora, Dr. A. Sarkar
6. A study on impact of radial artery cannulation for coronary angiography on radial artery function by flow mediated dilation of radial artery. Dr. Satrajit, Dr. S. S. Islam.
7. To study the effect of remote ischemic post conditioning of lower limb during primary percutaneous coronary intervention in reducing the enzymatic infarct size in acute myocardial infarction. Dr. Shreedhar, Prof. S. Dutta.
8. A comparative study of echocardiography evaluation of LV mass & function in normotensive diabetic patient in SSKM Hospital. Dr. Pankaj, Dr. S. S. Islam.
9. Clinico-angiographic correlation in patients of non ST elevation MI (NSTEMI) with follow up. Dr. D. Manjunath, Prof. S. C. Mandal, Dr. B. Majhi.

10. Assessment of prognostic factors & Natural history of primary pulmonary hypertension in Eastern India. Dr. Manish Vinayak, Prof. D. P. Sinha.
11. Study to assess efficacy of ankle brachial index as a risk factor in suspected coronary artery disease. Dr. Soumik Chowdhary, Prof. S. Dutta.
12. Electrocardiographic differences between ischemic & non ischemic left ventricular dysfunction. Dr. Sumanto Mukherjee, Prof. D. P. Sinha.
13. Study on etiopathogenesis & clinical profile of adult patients with pulmonary artery hypertension in Eastern India. Dr. Kausik Bandyopadhyay, Prof. D. P. Sinha, Dr. B. Majhi.

## AWARDS

- Dr. Soumik Chowdhary was the national topper in the 'Torrent Young Scholar Award' in Cardiology, 2015 and was among the top five post-doctoral trainees in the national finals.
- Dr. Kausik Bandyopadhyay was first winner and Dr. Manish Vinayak third in the 'competitive CD session' at the East Zonal ECHO Conference, Kolkata, June, 2015.
- Dr. Vishal Batra, Dr. Manish Vinayak and Dr. Rahul Arora were first in quiz competition at CSI, West Bengal chapter 2015.
- Dr. D. Manjunath won first prize in CD presentation in SCI Conference WB, India, July 2015.
- Dr. D. Manjunath, Dr Sumanto Mukharjee and Dr. Rahul Arora won second prize in quiz competition at CSI (Interventional), West Bengal Chapter, 2015.

## REGULAR ACADEMIC ACTIVITIES

- Difficult Case Presentation held on every Tuesday at 9:30 AM.
- Review of interesting PCI held on every Thursday at 9:30 AM.
- Seminar Presentation held on every Friday at 9:30 AM.
- Clinical Case Discussion held on every Saturday at 9:30 AM.
- Clinical Training on non-invasive methods and invasive investigations and interventions are going on.
- DM students are working with their projects.
- Cath lab Technician ( DCLT ) and Critical Care ( DCCT ) students are being trained.

## SERVICE INFORMATION

### Indoor

Ward	No of Beds(Male)	No of Beds(Female)	Cabins
HUM-1	44		6
HUM-2	30		2
HUF-1		40	6
HUF-2		15	-
Pediatric Ward		15	
HGF	20		6
ICCU		30	-

In addition, there are variable number of Trolley beds and Floor beds in the wards depending on patient load.

- Total Admission – 14958
- Death – 648

### OPD

OPD attendance: Total – 350-400 daily. [New – 200-250 / Old – 100-150]

## Special clinics

Clinic	Days
Arrhythmia Clinic	Every Monday
Paediatric OPD	Every Tuesday and Friday

## Procedure/Investigations performed

- ECG 75802
- TMT 1348
- Echocardiography 14224

## Cathlab and OT procedures

• Temporary pacing	1620
• Permanent pacing	1350
• Coronary angioplasty ± stenting	1520
• Peripheral angioplasty ±stenting	70
• Coronary Angiography	3298
• EP study with RF Ablation	22
• Balloon Mitral Valvuloplasty	190
• Balloon Pulmonary Valvuloplasty	11
• Other interventions AICD	10
• CRTD	8
• P D A	26
• Cardiac Catheterisation	75
• ASD closure	4
• VSD closure	3
• Other procedures like renal artery stenting, IVC cavoplasty, septal ablation in HOCM etc.	10

## OTHER INFORMATION

DNB Cardiology Examination (on all India basis) has been held twice in this year

Eleven DM (PDT) candidates have passed the D.M (Cardiology) Exam in 2015: Dr. Suraj Singh, Dr. Md. Irsad Alam, Dr. Nadeem Afroj Muslim, Dr. Priyam Mukherjee, Dr. Nabarun Roy, Dr. Tanmoy Majhi, Dr. Pradip Saha, Dr. Chanchal Kundu, Dr. Uttam Sarkar, Dr. Subhra Aditya, Dr. Sailesh Patil.

Nine Doctors as DM Trainee have joined this year.

Separate Pediatric Cath-Lab was inaugurated on 2015.

## PROPOSED DEVELOPMENTAL PROJECT

- HDU in our 1st floor of Annexure Building for post-procedural patient and as a step down unit of ICCU
  - Emergency cardiology service at ground floor with two emergency beds, echocardiography and bed side monitoring.
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