

## Institute of Cardiovascular Sciences – Cardiology

### STAFF

Faculty	Qualification	Designation
Dr. Sankar Chandra Mandal	MD, DM, FACC (USA), FCSA, FESC	Professor & Head
Dr. Dhurjati Prasad Sinha	MD, DM	Professor
Dr. Achyut Sarkar	MD, DM	Associate Professor
Dr. S. S. Islam	MD, DM	Associate Professor
Dr. Saroj Mandal	MD, DM, FACC (USA), FSCAI (USA) FESC, FAPSIC, FICP & MAPHS	Assistant Professor
Dr. Bhuban Majhi	MD, DM	Assistant Professor
Dr. Asit Das	MD. DNB	RMO-cum-Clinical Tuto
Dr. Arindam Maitra	MD, DM	RMO-cum-Clinical Tutor
Dr. Niloy Banerjee	MD	RMO-cum-Clinical Tutor

### Post-doctoral trainees

2014 – 2017	2015 – 2018	2013 – 2016
Dr. Priyankar Mandal Dr. Amit Kumar Jha Dr. Prashant Kumar Dr. Anurag Passi Dr. Somnath Mukherjee Dr. Kaushik Paul Dr. Atindranath Bandyopadhyay Dr. Tusharkanti Patra Dr. Gouranga Sarkar	Dr. Pulakesh Sinha Dr. Soumya Kanti Dutta Dr. Ashesh Halder Dr. Suman Chatterjee Dr. Soumik Ghosh Dr. Apurba Bikash Pramanick Dr. Samir Kumar Roy Dr. Avijit Moullick Dr. Soumyajit Ghosh	Dr. Sudip Kumar Ghosh Dr. Sudeb Mukherjee Dr. Anindya Sarkar Dr. Rakesh Agarwal Dr. Aniruddha Mandal Dr. Sandipta Ray Dr. Aditya Verma

### FACULTY NEWS

#### 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.
- Euro PCR.
- American college of cardiology extended learning (ACCEL).
- India Live 2016
- CSI.

Publications

- A simple method of Bachman bundle pacing with indigenous modification of the stellate. Indian heart journal 2016 (September-October).
- Review article. Physiological cardiac pacing: current status. July-August 2016 Indian heart Journal

#### Prof. D. P. Sinha

- Abstracts selected for e-moderated poster presentation at 68th Annual Conference CSI Kochi-2016.
- A study to assess frequency of peripheral arterial disease in patients presenting with acute coronary syndrome". Presenter: Dr. Somnath Mukherjee, Guide: Prof D.P sinha
- Assessment of right ventricular function by newer imaging in echocardiography in idiopathic pulmonary arterial hypertension". Presenter: Dr. Priyanker Mondal, Guide: Prof D.P Sinha.

#### Dr. Saroj Mandal

- Organizing secretary of Society for cardiac intervention 2016 (September 10-11 at ITC Kolkata).

- Delivered talk on "Advancement in bradycardia management"- at international conference of Indian college of Physicians and 23rd annual conference of API West Bengal branch in association with Royal college physicians of Ireland and South East Asian countries 30th September-2nd October 2016.
- Ad-hoc Angioplasty should we continue or discard? At EIICCON 2016 organized by CSI west Bengal branch held on 25th and 26th June at hotel ITC Sonar, Kolkata.
- Intervention Focused talk-role of thrombus aspiration or Thrombectomy- Cardiology Society of India February 2016 Chennai.
- Contrast induced nephropathy- how to minimize it (WBCSI 2016).
- Has been invited as an faculty and moderator of a live case session on bifurcation stenting at India Live 2016 26th-28th Feb New Delhi and perform CD presentation of a case of left Subclavian vein stenting in a patient of CRF with left upper limb edema and arterio-venous block.
- Has been invited as an international faculty and moderator of 2 live case sessions on BVS in Bifurcation stenting and complex PCI in NIC-midterm 2016 at Hyderabad and perform 2 CD presentation of Double-trouble-nightmare in cathlab CTO intervention in a young APLA patient-national intervention Council midterm meet April Hyderabad.
- Moderator: Emerging therapy of atherogenic dyslipidemia: Indian perspective and research.
- Cardio-Diabetology Summit 2016. Auditorium-R G Kar Medical College, Kolkata 18th Feb 2016
- Editorial contribution-editor: interventional cardiology updates 2016
- Chapter contribution in books: interventional cardiology updates 2016
  - I) How do I do it: coronary sinus cannulation, II) How do I do it: perform a trans-septal puncture,
  - III) Bypass graft intervention IV) LMCA stenting V) Mitraclip VI) advances IN CARDIOLOGY.
  - MI AND STROKE: How to tackle the deadly duo: Cardiology Society of India –Cardiology update 301-305.
- Other publications
  - Complete heart block and pregnancy outcome: an analysis from Eastern India, SOJ journal of Gynecology, Obstetrics and Women's health. DOI://DX.doi.org/10.15226/2381-2915/1/1/00104. S Mandal, D mandal, A sarkar, J Biswas, M Panja.2015.
  - Maternal mortality with cardiac disease in women: a case control study from Eastern India, Int J of Recent Scientific Research 2016; 7(5) Pubmed indexed. D.Mandal, G Bhatt, S Mandal, B Ghosh et al.
  - Prevalence of vitamin D and its cut off level predicting the adverse pregnancy outcome. Int J of recent Scientific Research 2016; 7(5) Pubmed indexed, D Mandal, G Bhatt, S Mandal, B Ghosh et al.
  - A rare presentation of mitral stenosis, Scholars J Med Case TRep 2016; 4 (7):484-486, Saroj Mandal, Souvik Kanjila, Subhranshu Chatterjee.
  - E-poster presentation in CSI-Kochi 2016: correlation between chronic conduction block and coronary artery disease, Gouranga Sarkar, Saroj Mandal

#### **Dr. Bhuban Majhi**

- Delivered Lecture on 'Acute coronary syndrome diagnosis and classification' at CSI February 2016.
- Delivered Lecture on 'How to take an ideal informed consent' at EIICCON 2016.
- Delivered Lecture on 'Hypertensive encephalopathy' at WBCSI update 2016.
- Publications
  - CD4 lymphocytopenia with an unusual presentation. International journal of Biology Research. 2016; 1(2): 28-9.
  - An unusual case of hoarseness of voice in an immunocompetent individual: a case report. Journal of medical sciences.
  - Subclavian artery pseudoaneurysm in an unusual case of digital gangrene. Provisionally accepted in Journal for cardiovascular echocardiography.

#### **Dr. Asit Das**

- Cardiac electrophysiology: the basics GIMACON 2016.
- Publications
  - A simple method of Bachman bundle pacing with indigenous modification of the stellate. Indian heart journal 2016 (September-October).
  - Review article. Physiological cardiac pacing: current status. July-August 2016 Indian heart Journal.

### **ONGOING TRIALS AND PROJECTS**

Prof S.C Mondal

- A non-interventional prospective observational study to understand the usage pattern of Ticagrelor in Indian patients with acute coronary syndrome (TREASURE).
- Short and long term Angiographic follow up in patients with elective double stenting in left main coronary bifurcation lesion: single center experience.
- Short and long term angiographic follow up of left main coronary artery stenting-single stent strategy: single center experience.
- "A multicentric, prospective, randomized, double-blind, study to evaluate the safety and efficacy of Saroglitazar 2 and 4 mg as compared to Fenofibrate 160mg in patients with dyslipidemia.
- A randomized, double blind, parallel group study to evaluate the effect and safety of test biscuits as compared to placebo biscuits in regulating blood glucose level in subjects with type 2 diabetes mellitus.

Prof D.P Sinha

- A non-interventional prospective observational study to understand the usage pattern of Ticagrelor in Indian patients with acute coronary syndrome (TREASURE).
- A randomized Double –Blind, Placebo controlled parallel group study to evaluate the effect of Alirocumab (SAR236553/REGN727) on the occurrence of cardiovascular events in patients who have recently experienced an acute coronary syndrome (ODYSSEY OUTCOMES).
- A randomized, double blind parallel group study to evaluate the efficacy and safety of Alirocumab (SAR 6553/REGN727) versus Ezetimibe in Asia in high cardiovascular risk patients with hypercholesterolemia not adequately controlled with their statin therapy (ODYSSEY EAST). Status: ongoing
- A multicenter randomized double blind parallel group active controlled study to evaluate the efficacy and safety of LCZ696 compared to valsartan on morbidity and mortality in heart failure patients (NYHA class II-IV) with preserved ejection fraction (PARAGON STUDY). Status: ongoing.
- An open label randomized multicentric active controlled phase III trial to compare the efficacy, tolerability and safety of tablet Azilsartan with tablet Olmesartan in the treatment of patients with new diagnosed grade I essential hypertension. Status: completed.

Dr. Asit Das

1. Low inter atrial septal pacing: a simple method.
2. Accuracy of combined LAO and RAO fluoroscopic view to predict septal location of RV pacing lead in comparison to CT coronary Angiography.
3. Short and long term Angiographic follow up in patients with elective double stenting in left main coronary bifurcation lesion: single center experience.
4. Short and long term angiographic follow up of left main coronary artery stenting-single stent strategy: single center experience.

## AWARDS

- Dr Kaushik Paul stood first in zonal round of TYSA quiz
- Dr. Somnath Mukherjee and Priyanka Mondal has presented in CSI as E-platform..

## 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 teaching & Training on non-invasive methods and invasive investigations as well as intervention 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 1840
- Permanent pacing 1350
- Coronary angioplasty ± stenting 1520
- Peripheral angioplasty ±stenting 55
- Coronary Angiography 3298
- EP study with RF Ablation 25
- Balloon Mitral Valvuloplasty 160
- Balloon Pulmonary Valvuloplasty 11
- Other interventions AICD 20
- CRTD 8
- P D A 32
- Cardiac Catheterisation 75
- ASD closure 10
- VSD closure 12
- Other procedures like renal artery stenting, IVC cavoplasty, septal ablation in HOCM etc 6

#### OTHER INFORMATION

- DNB (Cardiology) examination (on all India basis) has been held twice in this year
- Eleven D.M (PDT) –have passed the D.M (Cardiology) Exam. Dr.Sreedhara R, Dr.Soumik Chaudhuri, Dr.Rahul Arora, Dr.Manish Vinayak, Dr.Vishal Batra, Dr.Sonali Sarkar, Dr.Pankaj Sarkar, Dr.Satrajit Samanta, Dr.Manjunath D. Dr.Koushik Banerjee, Dr. Sumanto Mukhopadhyay.
- Nine Doctors as DM Trainee have joined this year.
- Separate Pediatric Cath-Lab is running successfully.

#### PROPOSED DEVELOPMENTAL PROJECT

- Specialty clinics like heart failure clinic and pacemaker clinic likely to be started.
- Non-invasive lab (Echo, TMT) is going to be shifted, where at present medicine outdoor is going on temporarily.