



Government of West Bengal
Institute of Postgraduate Medical Education & Research
Centre of Excellence in Medical Education & Research

Institute of Cardiovascular Sciences
Cardiology

FACULTY

Name	Designation
Prof. Goutam Datta	Professor & Head
Prof. Sankar Chandra Mandal	Professor
Dr. Saroj Mandal	Associate Professor
Dr. Pradip Kumar Ghosal	Associate Professor
Dr. Asit Das	Associate Professor
Dr. Pradip Kumar Saha	Associate Professor
Dr. Tushar Kanti Patra	Assistant Professor
Dr. Gouranga Sarkar	Assistant Professor
Dr. Rajarshi Mondal	Assistant Professor
Dr. Kaushik Paul	RMO
Dr. Koushik Bandopadhyay	RMO
Dr. Avishek Saha	RMO
Dr. Niloy Banerjee	RMO

Senior Residents

Dr. Soumya Kanti Datta	MD, DM	SR
Dr. Seababrata Jana	MD, DM	SR (on bond period)
Dr. Suwendu Chattopadhyay	MD, DM	SR (on bond period)
Dr. Ishita Majumder	MD, DM	SR (on bond period)
Dr. Bidyut Roy	MD, DM	SR (on bond period)
Dr. Subir Sen	MD, DM	SR (on bond period)
Dr. Bimal Kahar	MD, DM	SR (on bond period)
Dr. Ronita Saha	MD, DM	SR (on bond period)
Dr. Rakesh Das	MD, DM	SR (on bond period)
Dr. Pradip Sarkar	MD, DM	SR (on bond period)
Dr. Saikat Prasad Datta	MD, DM	SR (on bond period)
Dr. Ankita Tibdewal	MD, DM	SR (on bond period)
Dr. Purnendu Das	MD, DM	SR (on bond period)
Dr. Kamalesh Garai	MD, DM	SR (on bond period)
Dr. Raj Kumar Bhattacharya	MD, DM	SR (on bond period)

Postdoctoral trainees

Session 2020-2023	Session 2021-2024	Session 2021-2024
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Dr. Amritesh Biswas Dr. Sabyasachi Roy Dr. Debdatta Kar Dr. Subhraprakash Pramanik Dr. Suman Ghosh Dr. Manikanta Majhi Dr. Ritwik Ghosal Dr. Mrinal Kanti Manna Dr. Asmita Das	Dr. Nilesh Giri Dr. Sunanda Ghosh Dr. Ferouz Bandey Dr. Dharmendra Dr. Pinaki Nath Dr. Gaurav Lakhani Dr. Shubhanshu Pal Dr. Abhisekh Naskar Dr. Anubhab Prakash	Yet to join
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Medical Officers and House Staff

Medical Officers	House Staff
Dr. Paramartha Bhattacharya Dr. Bimal Naskar Dr. Abanti Dasgupta Dr. Subhasis Mukherjee Dr. Indranil Das Dr. Sujata Bhadra Dr. Soumitra Banerjee	Dr. Musa Karim Laskar Dr. Eshak Ali Dr. Ishu Gupta Dr. Chinmay Mandi

Cath Lab Technicians	Cath Lab Technicians	ECG Technicians
Nikhil Khatua Sk. Mamud Islam Saptarshi Kundu Srikanta Ghosh Aneek Giri Goswami Debayan Sinha Tanmoy Roy Suman Naskar	Chiranjit Mondal Pritam Biswas Bharat Barman Lakshman Koley Sandip Podder Gour Hari Das Sakti Pada Jana Dipak Kumar Pal Kabita Pal	1. Rajat Karmakar 2. Satyajit Saha 3. Santanu Sen Sharma 4. Suman Krishan Kundu 5. Samir Kumar Hazra 6. Md. Rasidul Haque Mollah 7. Rohan Chakraborty 8. Md. Masroor Alam 9. Narayan Chandra Bera

DEPARTMENTAL AND FACULTY NEWS

- Renovation of Cardiac emergency and shifted to ground floor and working as a separate ward with provision of administering drugs and managing common cardiac emergencies.
- Initiation of cardio EOW with 5 beds which remains functional from 6 PM to 6 pm if certain characteristics are met(ACS within 24 hours, patients with unstable rhythms)
- Same day Echo is being conducted in Cardio OPD
- Prof Saroj Mandal has been promoted to Professor.
- Dr Pradip Saha has been promoted to the post of Associate Professor
- Dr Rajarshi Mondal will join as an Assistant professor in our department.
- Day care Angiography has been started in the Trauma Care Centre Cath lab
- Interdepartmental seminar involving departments of Cardiology, CTVS and CTVA have started and is held fourth Sunday of every month.

Prof. S. C. Mandal

- Successfully running National Heart Failure Register in collaboration with Medical College, Kolkata.
- Successfully running DEB study "Prospective, Multicentric, single arm trial to evaluate safety and performance of SELUTION and SELUTION PRO sirolimus drug coated balloon in the management of Coronary Artery Disease.
- Became Examiner of DNB and DM examination
- Member of CDSCO for Drug Vigilance.
- CSI National (Chennai) and State (Kolkata) level presenter and Guest Faculty

Ongoing Study

- A multicenter, randomized, double-blind, double dummy, Phase III study to compare safety and efficacy of fixed dose combination of Aspirin 150 mg and Pantoprazole 20 mg versus Aspirin 150 mg alone for the prevention of gastroduodenal mucosal damage in patients taking aspirin for secondary prevention of cardiovascular disease or cerebrovascular disease.

Publications

- HIS bundle pacing is safe alternative to CRT Pacing in heart failure with reduced ejection fraction, 3 years follow up study
- Left Atrial Strain imaging in mitral imaging in mitral stenosis patients as a predictor of Left atrial appendageal thrombosis

Prof. Dipankar Mukherjee

- Published paper with Predency University in SCIENTIFIC REPORTS.
- Review article in CSI update in Cardiology on PULMONARY HYPERTENSION
- Delivered lectures in ANNUAL ALL INDIA CONFERENCE IN CHENNAI & ANNUAL STATE CONFERENCE ,WB
- Contributed in "ADAMTS" as a biomarker of cardiac injury in "SCIENTIFIC REPORT".

Prof. Saroj Mondal**Contribution in different conference as faculty & speaker-**

- WBAE and EZECHO 2022 22nd - 24th July
Faculty & chairperson – an introduction in fetal echo & case studies in fetal echo
- EIICCON 2022 30th and 31st July, 2022
Served as a faculty & speaker – topic- difficult to cross-over and OTW technique hall a 31st July 2022.
Chaired multiple session in EIICCON 2022
- SCICON 2022 3rd & 4th September 2022
Served as chairman organizing committee
Day 2 hall 1 speaker- how I do it- spontaneous coronary artery dissection.
Chaired multiple session SCICON 2022.
- CSI WB 2022 11th – 13th November
Day 2 hall a -speaker- hemodynamic evaluation & cath study - PTMC & septal puncture
- CSICON 2022 December 8th -11th
Day 1 hall A speaker- endocarditis & intravenous drug use: diagnostic challenged & treatment.
Day 1 hall A time 9.30-10.30 panelist: acute heart failure – an in-hospital journey
Day 2 hall E 1.30-2.30 pm oral paper presentation. Role – judge
- Device update 2022
Served as faculty & chairperson in device update dec 2022

Article published in journal

- Prevalence of coronary artery anomalies in patients undergoing coronary angiography in a tertiary care hospital in eastern India- Dr Saroj Mandal, Dr Vignesh R. IJSR vol-11 issue 01 Jan 2022

Dr. Pradip Ghosal

- An epidemiological study on cardiovascular involvement among patients with systemic sclerosis in a tertiary care hospital in eastern India
- Detection of significant coronary artery disease in patients with effort angina using global longitudinal strain derived from two-dimensional speckle tracking echocardiography: an angiographic correlation
- 2D speckle tracking Echocardiography and tissue doppler imaging of Right ventricular function and their angiographic correlation as prognostic indicator in patients with acute inferior wall myocardial infarction.

Dr. Pradip Saha**Publication**

- Evaluation of serum Vitamin D3 level in Vitamin D3 supplemented 9 to 12 months old children in a tertiary care hospital

Dr. Tushar Kanti Patra**Publication**

- Angiographic Correlates of Acute ST Elevation Inferior Wall Myocardial Infarction with or Without Right Ventricular Involvement

Dr. Kaushik Paul**Publications**

- Evaluation and Outcome of Patients of Stemi with Acute Total Occlusion of Coronary Artery in The Setting of Primary PCI, Pharmacologic Invasive PCI and Delayed PCI
- Correlation between severity of Coronary Artery Disease and severity of Peripheral Artery Disease, a detail analytical study from Eastern India

- SIX MONTH FOLLOW UP OF ST SEGMENT ELEVATION MYOCARDIAL INFARCTION WITH TOTAL OCCLUSION OF INFARCT RELATED ARTERY WITH OPTIMUM MEDICAL THERAPY
- A Correlation Study between Non-Alcoholic Fatty Liver Disease and Severity of Coronary Artery Disease

ACADEMIC ACTIVITY

Regular academic activities

- Journal Club held on every Tuesday at 9:00 AM.
- Seminar Presentation held on every Saturday at 9:00 AM.
- Clinical Case Discussion held on every Friday at 9:00 AM.
- Clinical teaching & Training on non-invasive methods and invasive investigations as well as intervention are going on
- DM students are working on their thesis.
- Cath lab Technician (DCLT) and Critical Care (DCCT) students are being trained.

Departmental research work ongoing

- An Observational Study on the Prevalence and Pattern of complications following cardiac implantable device placement and assessment of left and right ventricular function after right ventricular apical pacing
- An Observational Study on the Effect of SGLT2i on LA and LV Strain and LV Mass Index in Patients with and without Diabetes with Atherosclerotic CVD.
- An Observational Study on the Myocardial Infarction in Young Adults : Risk factors , clinical characteristics, Angiographic Pattern and in hospital outcome.
- An observational study on echocardiographic assessment of right ventricular function in acute right ventricular myocardial infarction and angiographic correlation to proximal right coronary artery stenosis.
- Bi-atrial remodeling in atrial fibrillation: Two-dimensional strain echocardiography insight and its correlation with heart failure
- Role of Carotid Artery ultrasound in risk stratification of stable ischemic heart disease and its correlation with coronary angiography.
- Left Atrial Volume Index Measurement and LA Strain in Acute Coronary Syndrome patients and its correlation with outcome
- 2D Speckle Tracking Echocardiography and Tissue Doppler Imaging of Right Ventricular Function And their angiographic Correlation as prognostic indicator in patients with acute inferior wall myocardial infarction.

Other Information

- DNB(Cardiology) examination (on all India basis) is usually conducted twice a year.
- Separate Pediatric Cath-Lab is running successfully.
- 8 post DM SR joined this year

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		14	
HGF	10	-	-
EOW	5		
ICCU	18 + 2 Paediatric		6

Total Admissions :13744 Deaths 406

OPD

OPD attendance: Total 800-1000 daily New 350-400 daily Old 450-500 daily

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

Procedure/Investigations Performed

- ECG 99672
- TMT 592

- Echocardiography 33960 (Routine); Emergency-32750
- Holter 458

Cathlab and OT Procedures

Temporary pacing	1732	Balloon pulmonary valvuloplasty	16
Permanent pacing	1085	AICD	26
Coronary angioplasty ± stenting	1733	CRT-D	23
Peripheral angioplasty ± stenting	48	CRT-P	10
Coronary angiography	2416	Cardiac catheterisation	38
EP study with RF Ablation	112	ASD	86
Balloon mitral valvuloplasty	158	Others	445

PROPOSED DEVELOPMENTAL PROJECTS

- Specialty clinics like heart failure clinic and pacemaker clinic to be started.
 - PRE AND POST TRANSPLANTATION OPD will be started along with CTVS department
 - TMT service will be shifted to OLD medicine OPD complex
 - HOLTER monitoring for OPD patients will be started
 - Dressing room will be open for follow up and dressing of PACEMAKER Patients
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